

ACCP PRN Report

American College of Clinical Pharmacy

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PRESIDENT'S COLUMN

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Making a Difference

That's what you do. Each of you make a difference through the work you do in your daily practice, furthering ACCP's mission of achieving optimal patient outcomes related to drug therapy. Each of you, through your activities, participation, and volunteerism in ACCP and our PRNs—you make a difference.

There are myriad opportunities for PRN members to continue their involvement in ACCP activities, to continue making a difference. To all who volunteered for service on a committee or task force for the coming year, please accept my deepest gratitude. ACCP is in the enviable position of having many more passionate, dedicated volunteers than we can reasonably accommodate on committees and task forces, and I know that some members who volunteered for committee or task force service were not assigned. However, you can get involved and make a difference by many other mechanisms. Each PRN is in continued need of volunteers to serve as officers or otherwise contribute to your network through service on PRN subcommittees or other activities. Similarly, ACCP's regional chapters are continually seeking volunteers for leadership positions. If you have not already done so, please consider volunteering for service as an officer in your PRN or chapter. Not only is participating as a member or chair of a committee or task force or as an officer in a PRN or chapter professionally rewarding, it also provides opportunities to achieve and attain important leadership growth, experience, and development. This, in turn, can lead to further leadership opportunities within ACCP, including consideration for the ballot for the Board of Regents or the Research Institute Board of Trustees. As a reminder, avenues are available from the College for all ACCP members to facilitate leadership training and skill development through the ACCP Academy's Leadership and Management Certificate Program and to develop career advancement strategies through the ACCP Academy's Clinical Practice Advancement Certificate Program.

Numerous other opportunities exist for members to contribute to ACCP's mission—to make a difference. Please consider volunteering to serve as an abstract reviewer for Annual Meetings. We also need volunteers to serve as

reviewers of students' curricula vitae for the CV review service we offer to our student members. In addition, if you work at a school or college of pharmacy, you could volunteer to serve as a College of Pharmacy Faculty Liaison to the student members of ACCP at your campus. Similarly, if you are a student member of ACCP, you may wish to volunteer to be a College of Pharmacy Student Liaison. The College of Pharmacy Faculty and Student Liaisons at each campus work actively with one another to educate student pharmacists about the field of clinical pharmacy and provide information about ACCP initiatives and student programs. In addition, the College of Pharmacy Faculty Liaisons are responsible for assembling their teams for ACCP's new "Clinical Pharmacy Challenge," a team-based competition in which teams of three students compete against teams from other schools and colleges of pharmacy in a "quiz bowl"-type format. The inaugural Clinical Pharmacy Challenge debuts this month.

One relatively new and important avenue for PRN member involvement is ACCP's Practice-Based Research Network (PBRN). The PBRN now includes more than 600 members, with representation from each of the 22 PRNs. A paper characterizing the PBRN was recently published (*Pharmacotherapy* 2010;30:264e-273e). The PBRN has initiated its first study, the Medication Error Detection, Amelioration, and Prevention (MEDAP) Study, the aim of which is to document clinical pharmacist interventions that help eliminate or reduce medication errors. Central institutional review board (IRB) approval, MEDAP-specific training, and human subjects' protection training have been established for participants. The data collection period commenced August 5 and continues until November 5. I encourage all PRN members who are actively involved in direct patient care activities and/or who have access to a patient database for research purposes to join the PBRN, and I encourage you to participate in the MEDAP Study. Information for joining the PBRN and enrolling in the MEDAP Study can be found at the ACCP Research Institute's Web site, <http://www.accpri.org/>.

Many opportunities and avenues exist for PRN members to be involved. The degree of desire by ACCP members to be actively involved in the organization is inspiring. Thanks to each of you for the difference that you make. My term as ACCP president ends next month, when I pass the baton to Dr. Bill Kehoe. It has been a distinct honor to serve as ACCP president. Thank you for having granted me this privilege. I look forward to continuing to work with all of you to advance ACCP's mission and improve the care of our patients.

PRN ELECTION RESULTS ANNOUNCED



Recently, members voted for their choice of future leader of 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.

2010–2011 PRN Officers

Adult Medicine: Lindsay Arnold, Chair; Nancy Yunker, Chair-Elect; Melissa Badowski, Secretary/Treasurer

Ambulatory Care: Mitzi Wasik, Chair; Candice L. Garwood, Chair-Elect; M. Shawn McFarland, Treasurer; Sharon Westberg, Secretary

Cardiology: Sheryl Chow, Chair; Orly Vardeny, Chair-Elect; Steven P. Dunn, Secretary/Treasurer

Central Nervous System: Michele Splinter, Chair; Julie Kissack, Chair-Elect

Clinical Administration: Herbert Mathews, Chair; Suzanne Wortman, Chair-Elect; Charlene A. Hope, Secretary/Treasurer

Critical Care: Ty Kiser, Chair; Jeremy Flynn, Chair-Elect; Stacy Voils, Secretary/Treasurer

Drug Information: Cathy Turner, Chair; Michael Gabay, Chair-Elect; Heather Pace, Secretary/Treasurer

Education and Training: Sandra Benavides, Chair; Maria C. Pruchnicki, Chair-Elect; Brenda L. Gleason, Secretary/Treasurer

Emergency Medicine: Pamela (Lada) Walker, Chair; Kevin Rynn, Chair-Elect; Mary-Beth Shirk, Secretary/Treasurer; Wichitah Leng, Media Chair

Endocrine and Metabolism: Dawn Havrda, Chair; Daniel Riche, Chair-Elect; Jennifer Clements, Secretary/Treasurer

Geriatrics: Joe Vande Griend, Chair; Olga Hilas, Chair-Elect; Gregory J. Hughes, Secretary/Treasurer

GI/Liver/Nutrition: Brian Hemstreet, Chair; Joseph V. Ybarra, Chair-Elect; Sheila Wilhelm, Secretary/Treasurer

Health Outcomes: Rolin Wade, Chair; Fred Doloresco, Chair-Elect; James Nash, Secretary/Treasurer

Hematology/Oncology: Deborah Hass, Chair; LeAnn B. Norris, Chair-Elect; Sandra Cuellar, Secretary/Treasurer

Immunology/Transplantation: Kimi R. Ueda, Chair; Steven Gabardi, Chair-Elect; Timothy M. Clifford, Secretary/Treasurer

Infectious Diseases: Vanthida Huang, Chair; Jason Gallagher, Chair-Elect; Kristi Kuper, Secretary/Treasurer

Nephrology: Thomas D. Nolin, Chair; Heather Nyman, Chair-Elect

Pain and Palliative Care: Michele Matthews, Chair; Richard E. Wheeler, Chair-Elect; Karen F. Marlowe, Secretary/Treasurer

Pediatrics: Katherine Smith, Chair; Kelly S. Bobo, Chair-Elect; Claudia Kamper, Secretary/Treasurer

Pharmaceutical Industry: Liza Takiya, Chair; Alicia Reese, Chair-Elect; Ruth Ann Subach, Secretary/Treasurer

Pharmacokinetics/Pharmacodynamics: Julie Oestreich, Chair; Chee Ng, Chair-Elect; Kuo Yang, Secretary/Treasurer

Women's Health: Alicia B. Forinash, Chair; Sarah Shrader, Chair-Elect; Emily Flores, Secretary/Treasurer; Sally Rafie, Public Policy Liaison

PRNs TO PRESENT EDUCATIONAL FOCUS SESSIONS AT THE ANNUAL MEETING IN AUSTIN, TEXAS

ACCP's PRNs consistently develop high-quality educational sessions for each ACCP annual meeting. That tradition of excellence will continue this fall in Austin, Texas. A complete listing of PRN focus sessions follows.

Monday, October 18, 2010

1:30 – 3:30 p.m.

Challenging Neurologic Disorders in the Older Adult
Geriatrics and Central Nervous System PRNs
Convention Center Ballroom E

Critical Care Challenges: External Validity and Extrapolation of Clinic Trial Data to the Bedside
Critical Care PRN
Convention Center Ballroom F

Current Practices, Controversies, and Updates in Anticoagulation
Ambulatory Care PRN
Convention Center Ballroom G

Review and Update on the Management of Gastroenterological Diseases
GI/Liver/Nutrition PRN
Convention Center Room 16

Selected Therapeutic Issues Facing Reproductive-Age Women
Women's Health PRN
Convention Center Room 12

3:45 – 5:45 p.m.

Application of Science and Statistics in COPD Management

Adult Medicine PRN
Convention Center Ballroom E

Cancer Treatment Across a Continuum: From Pregnancy to Osteoporosis

Hematology/Oncology PRN
Convention Center Ballroom G

Clinical Debates in Endocrinology and Metabolism

Endocrine and Metabolism PRN
Convention Center Room 17

Dazed and Confused: Late Breaking Issues in Nephrology

Nephrology PRN
Convention Center Room 12

What's Bugging in Gram-negative Infections?

Infectious Diseases PRN and Society of Infectious Diseases Pharmacists
Convention Center Ballroom F

Tuesday, October 19, 2010

1:15 – 3:15 p.m.

Challenge of New Acute Pain in the Opioid-Tolerant Hospital Patient

Pain and Palliative Care PRN
Convention Center Ballroom G

Perspectives of Drug Policy Development: A Case-Based Approach

Drug Information PRN Focus Session
Convention Center Room 17

Shake, Rattle, and Role. Exploring the Place in Therapy for the New-Generation Antiepileptic Drugs in Pediatrics

Pediatrics PRN
Convention Center Room 16

Sharing the Science of the Drug Product Label – Bridging Drug Development and Patient Care

Pharmaceutical Industry PRN Focus Session
Convention Center Ballroom F

3:30 – 5:30 p.m.

Clinical Controversies and the Era of Generic Immunosuppressive Agents

Immunology/Transplantation PRN
Convention Center Room 16

Consideration in the Use of Health Technology for Outcomes Research

Health Outcomes PRN
Convention Center Ballroom E

De-mystifying Arrhythmias: Everyday Tools for the Pharmacist

Cardiology PRN
Convention Center Ballroom F

Emergency Medicine Pharmacy/Pharmacotherapy: A Year in Review

Emergency Medicine PRN
Convention Center Room 12

Incorporating Educational Research Into Your Teaching and Clinical Practice

Education and Training PRN
Convention Center Ballroom G

What Every Patient Deserves: How Do Hospitals Provide It?

Clinical Administration PRN
Convention Center Room 17

PRNs TO HOST BUSINESS MEETING AND NETWORKING FORUMS AT THE 2010 ANNUAL MEETING



ACCP's practice and research networks (PRNs) provide a focal point for clinical pharmacists with common interests and needs in practice, research, and education. PRN members help ACCP develop educational programs and promote the activities of the PRNs. All Annual Meeting attendees are encouraged to attend a PRN meeting.

Monday, October 18, 2010

6:30 – 9:00 p.m.
Hilton Austin Hotel

Adult Medicine PRN
Room 406

During this business and networking meeting, current and prospective members will have an opportunity to meet and exchange ideas. A business meeting, followed by a research presentation, will also be held.

Cardiology PRN
Governor's Ballroom Salon B

Join the Cardiology PRN business meeting, with an informal reception to follow, allowing networking among new and old members, members collaborating on PRN-related projects, and trainees looking for job opportunities.

Drug Information PRN
Room 410

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

Education and Training PRN

Governor's Ballroom Salon C

After our business meeting, we will briefly discuss interviewing skills. Clinical faculty and practitioners from around the nation will then conduct practice interviews for (1) students getting ready to apply for jobs or residencies and (2) residents and fellows getting ready to apply to their first career positions. All educators, students, and postgraduate trainees are invited to attend.

Emergency Medicine PRN

Room 400

An annual PRN business meeting will take place to announce the new officers of the Emergency Medicine PRN; vote on pending issues regarding the PRN; alert members to participate in the focus session; and discuss pursuing the endorsement by the National Quality Forum of pharmacists in the emergency department as a safety and quality measure together with publishing opportunities.

Endocrine and Metabolism PRN

Room 412

The Endocrine and Metabolism PRN will hold a networking forum to solicit membership and scholarship and to enhance resident/student participation. A roundtable discussion or presentation will be conducted together with the PRN's business meeting.

Geriatrics PRN

Room 402

Please join the Geriatrics PRN as we discuss issues critical to the health care of older adults and plan the activities of the PRN for 2011.

GI/Liver/Nutrition PRN

Room 404

Interested attendees are invited to attend the PRN business meeting and networking forum. Highlights include an open networking forum and an invited presentation from a PRN member. Non-PRN members are welcome. Food and beverages will be provided.

Infectious Diseases PRN

Governor's Ballroom Salon A

The Infectious Diseases PRN will meet at the Annual Meeting this fall to conduct our annual business meeting. The program will feature the winner of the Resident Travel Award as well as research presentations by PRN resident members. PRN initiatives will be discussed. After the business meeting, there will be time for networking and socializing with colleagues.

Pain and Palliative Care PRN

Room 408

There will be a short business meeting and introduction of new officers. This will be followed by short presentations

from residents in pain and palliative care programs and an informal discussion of the merits and drawbacks of BPS certification in pain and palliative care.

Pediatrics PRN

Room 602

Come join the Pediatrics PRN for a fun icebreaker, interesting business meeting, and provocative discussion forum about pediatric postgraduate education. We will discuss the status of pediatric residencies and fellowships and debate the pros and cons of PGY1 with pediatric emphasis and PGY1 plus PGY2 pediatric specialties.

Tuesday, October 19, 2010

6:30 – 9:00 p.m.

Hilton Austin Hotel

Ambulatory Care PRN

Governor's Ballroom Salon C

This 2-hour meeting will consist of a business component and a networking component. The purpose of the business meeting will be to disseminate information about the past and future activities of each PRN committee, current activities of ACCP specifically pertaining to the PRN, and potential future activities of the PRN. The business component will also have a presentation to highlight an innovative practice within ambulatory care. The networking component will encourage interaction and networking among members through entertaining activities.

Central Nervous System PRN

Room 400

Please join your colleagues for a networking and business meeting. Hors d'oeuvres and drinks will be served.

Clinical Administration PRN

Room 408

Please join the Clinical Administration PRN for a business meeting and networking session with your colleagues.

Critical Care PRN

Governor's Ballroom Salon B

Join us for the Critical Care PRN networking forum/business meeting and interact with colleagues while enjoying hors d'oeuvres and beverages. Presentations will include a summary of PRN activities, reports from PRN officers, and the Resident/Fellow Research Travel Award.

Health Outcomes PRN

Room 602

Please join the Health Outcomes PRN for our business meeting and networking forum; members and interested meeting attendees are welcome to attend. Past and future PRN activities will be discussed, including 2010–2011 strategic planning. Hors d'oeuvres and beverages will be provided.

Hematology/Oncology PRN *Governor's Ballroom Salon A*

This is an opportunity to meet new colleagues and speak with established colleagues having similar practice interests. The business meeting will review the accomplishments of the past year and look ahead to the future for new opportunities to move the profession forward.

Immunology/Transplantation PRN *Room 404*

Present and prospective members are welcome to join our networking and business meeting. 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 a debate by transplant specialty residents on a current transplant issue.

Nephrology PRN *Room 410*

All ACCP members interested in nephrology are invited to attend and participate in this networking forum. A brief business report will be followed by a discussion of current and future projects and initiatives. Open discussion and networking opportunities will round out the session. Snacks and beverages will be provided.

Pharmaceutical Industry PRN *Room 406*

The Pharmaceutical Industry PRN's business and networking meeting will open with 45 minutes of socializing. The business meeting will focus on brief updates from present committees and ongoing activities (e.g., PRN opinion paper development) and will last about 45 minutes. The remaining 1.5 hours will allow time for the task force, committees, and other working groups to convene and discuss the progress of their work.

Pharmacokinetics/Pharmacodynamics PRN *Room 402*

A networking forum for PRN members and guests will discuss current issues in pharmacokinetics, pharmacodynamics, and pharmacogenomics. Time will also be allocated for members to discuss potential topics for PRN symposia at upcoming ACCP meetings and other topics relevant to the PRN.

Women's Health PRN *Room 412*

The Women's Health PRN will hold a networking forum for current and prospective members. The business meeting will include an update of PRN activities and initiatives, as well as an opportunity to become involved in the PRN and meet others with interests and practices in women's health. Members of the Women's Health PRN help build one another's careers. Come network! Appetizers and nonalcoholic beverages will be served.

PRN NEWS BRIEFS



Adult Medicine PRN

The Adult Medicine PRN has more than 850 members and represents a diverse group of clinical pharmacists dedicated to advancing clinical practice, teaching, and research. During the past year, the student and resident membership has grown in the Adult Medicine PRN, and presently, we have 52 student members and 35 residents. This past year, the PRN's Nominations Committee developed PRN Service Awards to recognize the outstanding work of our members. At the ACCP Spring Meeting in Charlotte, North Carolina, we presented Krystal Haase, Pharm.D., FCCP, BCPS, Texas Tech University HSC School of Pharmacy, with the Adult Medicine PRN 2010 Mentoring Award, and Grant Sklar, Pharm.D., BCPS, National University of Singapore, with the Adult Medicine PRN 2010 Clinical Practice Award. The Nominations Committee will solicit nominations for additional PRN awards in early 2011, with the expectation of awarding several other individuals in 2011.

The Adult Medicine PRN has developed a focus session titled "Application of Science and Statistics in COPD Management" to occur on October 18, 2010, at the Annual Meeting in Austin, Texas.

The Awards Committee is presently soliciting applicants for the New Investigator Development Award and the Resident/Fellow Award. These \$1,000 awards will provide an opportunity for a new investigator and a resident or fellow to present and promote their research to the ACCP Adult Medicine PRN business meeting at the Annual Meeting in Austin, Texas.

Some notable member accomplishments:

Presentations

- Mary Elizabeth Briand, Pharm.D., presented "Pharmacist-Directed Interventions to Improve HCAHPS Pain Scores" to the Florida Society of Health-System Pharmacists 44th Annual Meeting in Orlando, Florida, on July 31, 2010.
- Beth H. Resman-Targoff, Pharm.D., FCCP, presented "Pharmacologic Management of Rheumatoid Arthritis with Disease-Modifying Anti-rheumatic Drugs" to the 31st Annual Madison Clinical Conference in Middleton, Wisconsin, in March 2010.

Publications

- Lourwood DL, Wigle PR. Epilepsy in pregnancy and breastfeeding. In: Briggs GG, Nageotte M, eds. *Diseases, Complications, and Drug Therapy in Obstetrics: A Guide for Clinicians*. Bethesda, MD: American Society of Health-System Pharmacists, 2009:347-66.
- Ramin KD, Tracy TS. High-risk pregnancies. In: Borgelt LM, O'Connell MB, Smith JA, Calis KA, eds. *Women's Health Across the Lifespan: A Pharmacotherapeutic Approach*. Bethesda, MD: American Society of

Health-System Pharmacists, 2010:403–14. (Reviewer: Lourwood DL)

- Lourwood DL. Antimicrobial drug interactions. In: Zuccherro FJ, Hogan MJ, Sommer CD, eds. Evaluations of Drug Interactions. St. Louis, MO: First DataBank, 2001.
- Guirguis AB. Preconception care. In: Richardson MM, Chessman KH, Chant C, et al, eds. Pharmacotherapy Self-Assessment Program, 7th ed. Women's and Men's Health. Lenexa, KS: American College of Clinical Pharmacy, 2010:111–28. (Reviewer: Lourwood DL)

Other Notable Accomplishments

- Nancy Toedter Williams, Pharm.D., BCPS, BCNSP, was promoted to tenured professor in the Department of Pharmacy Practice at Southwestern Oklahoma State University.
- Zachary A. Stacy, Pharm.D., BCPS, was named the 2010 Missouri Pharmacist Faculty Member of the Year.
- Beth H. Resman-Targoff, Pharm.D., FCCP, was reelected Region VI Councilor for the Rho Chi Honor Society.

The Adult Medicine PRN would also like to acknowledge Susan M. Miller, Pharm.D., MBA, BCPS, and Sharon See, Pharm.D., BCPS, for being named ACCP fellows this year. They will be recognized at the Annual Meeting on October 17, 2010.

Ambulatory Care PRN

Ambulatory Care PRN Awards

- Sandra Harley Counts was awarded the SC AHEC (Area Health Education Coalition) Excellence in Family Medicine Education Award and an award for one of the best presentations at the Society of Teachers of Family Medicine meeting for a presentation titled “Cool Websites for Family Physicians.”
- Huzefa Master was awarded the Illinois Council of Health-System Pharmacists (IHP) Best Practice Award for 2010.
- Edith Nutescu was selected as the recipient of the 2010 American Society of Health-System Pharmacists (ASHP) Section of Home, Ambulatory and Chronic Care Practitioners Distinguished Service Award.
- Marissa E. Quinones was awarded the Texas Tech HSC School of Pharmacy Distinguished Alumni Award, Excellence in Leadership for 2010.
- Dan Rehrauer was awarded the Distinguished Young Pharmacist of the Year, Minnesota Pharmacists Association.
- Andrew J. Smith was awarded the Missouri Society of Health-System Pharmacists Research and Education Foundation's 2010 Best Practice Award for a project titled “Truman Medical Center Heart Failure Enhanced Education Pilot Program.”
- Dorothy L. Smith received the 2010 Pinnacle Award from the APhA Foundation for Individual Award for

Career Achievement for her work in patient adherence and development of patient education programs.

- Robert Talbert was named as member, Expert Panel, Medicare Model Medication Initiative, USP.
- CoraLynn B. Trewet was honored with the distinction of fellow for the National Lipid Association.

Promotions

- Christa M. George was promoted to associate professor of clinical pharmacy (nontenure track) at the University of Tennessee College of Pharmacy.
- Daniel S. Longyhore was granted tenure and promoted to associate professor at Wilkes University.
- M. Shawn McFarland was promoted to associate professor within the University of Tennessee College of Pharmacy.

Ambulatory Care PRN Members Elected ACCP Fellows

- Jill S. Burkiewicz
- Jennifer D. Goldman-Levine
- James D. Hoehns
- Julia M. Koehler
- Sharon See
- Nancy L. Shapiro

Review of Focused Investigator Training Program

Dear Colleagues and PRN Members:

We recently had the opportunity to attend the annual Focused Investigator Training (FIT) Program sponsored by ACCP. The 2010 program was held in Tucson at the University of Arizona; it included 13 pharmacy investigators (mentees) and 12 highly experienced and successfully funded faculty serving as mentors. During the intensive 1-week training program, our individual research proposals were dissected and retooled in hopes of guiding us to ultimately secure major extramural funding.

The knowledge and understanding gained from the FIT Program was simply invaluable and has positively affected our research careers and overall professional outlook. Numerous factors contribute to the success of FIT; however, the key component is the dedication and expertise provided by the mentors. The practical insights shared by the mentors and small group discussions allowed a unique learning environment unlikely to be found elsewhere.

We highly encourage our fellow PRN members with a career focused on research to participate in this annual program. In addition, we would like to express our gratitude for the support provided to us by the Ambulatory Care PRN in attending the FIT Program.

Respectfully submitted,

Edith A. Nutescu, Pharm.D., FCCP,
University of Illinois at Chicago

James M. Backes, Pharm.D.,
University of Kansas

Ambulatory Care Seed Grant Reports

Each year, the Ambulatory Care PRN awards seed grants to provide funding for a research project that will contribute to the development of the principal investigator's research career. This award is support for a project but is not intended to supplement an existing, funded, research effort. It is anticipated that funded proposals will demonstrate potential for future extramural funding. Below is a summary of the two projects funded by this program in 2009–2010.

Assessment of Perceptions and Barriers to Therapeutic Lifestyle Modifications in Hypertensive Homeless Patients

Amy K. Kennedy, Pharm.D.
Clinical Assistant Professor,
University of Arizona College of Pharmacy

As of 2008, almost 74 million Americans had received a diagnosis of hypertension, and another 94 million have prehypertension. Implementing lifestyle modifications such as a healthy diet, exercise, alcohol reduction, and smoking cessation is a critical component of the treatment and prevention of high blood pressure. Vulnerable populations, such as those experiencing homelessness, may encounter unique challenges to incorporating lifestyle changes because of environmental stressors, access issues, and gaps in knowledge. The Theory of Planned Behavior was used in this study to assess homeless patients' perceptions and barriers and intent to implement therapeutic lifestyle modifications to treat hypertension. The study was conducted at a Health Care for the Homeless Center in Virginia and consisted of a focus group and survey phase. Preliminary data from three focus groups (n=14) have indicated that patients often have difficulty implementing lifestyle changes for several reasons, including limited meal choices, unsafe exercise environments, and lack of information about recommendations. Of interest, family and friends were viewed as helpful in encouraging some lifestyle modifications, such as healthy eating, but less helpful in having a positive influence on quitting smoking, especially if the family member or friend smoked. The focus groups' findings were used to inform the survey, which is in progress. Final study results will be available in spring 2011. It is anticipated that the study findings will be used to create a toolkit for health care providers to follow when discussing lifestyle modifications with homeless patients.

Effect of Pharmacist Intervention on Medication Use and Healthcare Resource Utilization at Transitions of Care

Whitney Raper Maxwell, Pharm.D., BCPS
Study co-investigators: Sarah K. Ford, Pharm.D., BCPS, C.
Brock Woodis, Pharm.D., BCPS, Samuel Weir, M.D., and
Kathleen Barnhouse, M.D.

As pharmacists, we are acutely aware of the challenges that medication discrepancies pose as we try to facilitate safe transitions of care for our patients and their medications. These discrepancies often lead to unnecessary

rehospitalization and emergency department (ED) visits. The 2009–2010 ACCP Ambulatory Research Grant funded a pilot study designed to evaluate the effectiveness of a medication reconciliation–focused pharmacotherapy clinic visit within a few days after hospital discharge. The outcomes evaluated in the study included 30-day rehospitalization and ED visits, postdischarge medication discrepancies, and discharge-related patient satisfaction. The study was prospective, randomized, and unblinded and was designed to compare the pharmacotherapy clinic intervention with usual care at the time of hospital discharge.

A total of 724 patients were screened for study eligibility. Of the 107 patients who met inclusion criteria and were approached for enrollment, 30 agreed to provide informed consent and were enrolled in the study. Patients were eligible for inclusion if their reason for hospitalization was heart failure, COPD, hyperglycemic crisis, stroke, or NSTEMI/UA; if they had been hospitalized more than three times in the past 5 years; or if they were to be discharged on at least eight medications. Medication discrepancies were identified on the basis of a comparison between the discharge summary, the electronic medical record medication list, and the BPMDL (best possible medication discharge list), which was created by a clinical pharmacist and the family medicine inpatient service physicians before discharge.

Thirty-day rehospitalization and ED visit rates were higher in the usual care study arm (28.6%) than in the intervention arm of the pharmacotherapy clinic (0). There were also higher mean patient satisfaction scores in the intervention arm than in usual care. In this study population, the presence of a medication discrepancy was identified as a possible predictor of health care resource use because 42.9% of patients having a medication discrepancy required rehospitalization or ED visits within 30 days of discharge, whereas none of the patients lacking medication discrepancies at discharge required these resources. Unfortunately, none of the previously mentioned differences was statistically significant in this small pilot study population. There was, however, a statistically significantly higher rate of medication discrepancy resolution before the first postdischarge PCP (primary care provider) visit in the intervention arm (40%) than in the usual care arm (5.9%) ($p=0.05$ for the intention-to-treat population and $p=0.002$ by per-protocol analysis). This finding provides validation of the efficacy of the pharmacotherapy clinic intervention with respect to medication discrepancy resolution.

Although many of this pilot study's findings did not achieve statistical significance, numerically, the data are encouraging. Patient enrollment and data collection are ongoing to provide a more robust data set for future analysis. Even though this study indicates that pharmacist intervention in the ambulatory care setting improves medication discrepancy resolution after hospital discharge, further efforts are needed to determine the optimal role of pharmacists in transitions of care.

Update on Board Certification in Ambulatory Care

Have you been curious about the progress of the board certification examination in ambulatory care? The first-ever Board of Pharmacy Specialties (BPS) examination to become

a Board Certified Ambulatory Care Pharmacist remains on track to be given in the fall of 2011.

The examination will contain 200 questions covering five domains (with percentage of questions): direct patient care (50%); practice management (20%); public health (5%); retrieval, generation, interpretation, and dissemination of knowledge (15%); and patient advocacy (5%).

The proposed eligibility criteria for taking the examination will be reviewed and, it is hoped, approved at the late October meeting of the BPS and posted on the BPS Web site shortly thereafter.

The BPS Specialty Council on Ambulatory Care is seeking input to the item development process from pharmacists with expertise in practice management, public health, and patient advocacy. If you have expertise in these areas, are planning to attend the 2010 ACCP Annual Meeting, and would be interested in writing items for the examination, please consider becoming an item writer. Please contact Jacquelyn Kelly Marshall by e-mail at jmarshall@aphanet.org.

For more information, please visit <http://www.bpsweb.org/>.

Pete Koval, Pharm.D., BCPS
Chair, Ambulatory Care Specialty Council
Board of Pharmacy Specialties

Cardiology PRN

The Awards and Recognition Committee will recognize the following members of the Cardiology PRN (Tien Ng, chair) at the October business meeting:

- **Julie Johnson**, Pharm.D., University of Florida, will receive the Distinguished Investigator Award for sustained excellence in scholarship and teaching.
- **Robert Page II**, Pharm.D., University of Colorado, will receive the Service Award for his long-standing contributions to the PRN, ACCP, and the profession.
- **Karen McConnell**, Pharm.D.; **Kari L. Olson**, Pharm.D.; **Thomas Delate**, Ph.D.; and **John A. Merenich**, M.D., from Kaiser Permanente Colorado and University of Colorado, will receive the Paper of the Year Award for the publication in *Pharmacotherapy* titled "Factors Associated with Recurrent Coronary Events Among Patients with Cardiovascular Disease."

Individual Member Accomplishments

Kate Phillips Cabral

- **Rolfe S**, **Papadopoulos S**, **Cabral KP**. Controversies of anticoagulation reversal in life-threatening bleeds. *J Pharm Pract* 2010;23:217–25.
- **Phillips KW**, **Ansell JA**. The clinical implications of new oral anticoagulants: will the potential advantages be achieved? *Thromb Haemost* 2010;103:34–9.

Rhonda Cooper-DeHoff

- **Cooper-DeHoff RM**, **Gong Y**, **Handberg EM**, **Bavry AA**, **Denardo SJ**, **Bakris GL**, **Pepine CJ**. Tight blood

pressure control and cardiovascular outcomes among hypertensive patients with diabetes and coronary artery disease. *JAMA* 2010;304:61–8.

Paul Dobesh

- **Dobesh PP**, **Trujillo T**. Anticoagulation in the management of ST-segment elevation myocardial infarction. *J Pharm Pract* 2010;23:335–43.
- **Dobesh PP**, **Trujillo T**. Anticoagulation in the management of non-ST-segment elevation acute coronary syndrome. *J Pharm Pract* 2010;23:324–34.
- **Amin A**, **Spyropoulos AC**, **Dobesh P**, **Shorr A**, **Hussein M**, **Mozaffari E**, **Benner JS**. Are hospitals delivering appropriate VTE prevention? The venous thromboembolism study to assess the rate of thromboprophylaxis (VTE START). *J Thromb Thrombolysis* 2010;29:326–39.

Amy Kauffman

- **Kauffman AB**, **Olson KL**, **Youngblood M**, **Zadvorny EB**, **Delate T**, **Merenich J**. Attainment of low-density lipoprotein cholesterol goals in coronary artery disease. *J Clin Lipidol* 2010;4:173–80.

Kari Olson

- **Kauffman AB**, **Olson KL**, **Youngblood M**, **Zadvorny EB**, **Delate T**, **Merenich J**. Attainment of low-density lipoprotein cholesterol goals in coronary artery disease. *J Clin Lipidol* 2010;4:173–80.

Paul Shaw

- **Shaw PB**, **Donovan JL**, **Tran MT**, et al. Accuracy assessment of pharmacogenetically predictive warfarin dosing algorithms in patients of an academic medical center anticoagulation clinic. *J Thromb Thrombolysis* 2010;30:220–5.

Zach Stacy

- Recipient of the 2010 Missouri Pharmacist Association Faculty Member of the Year

James Tisdale

- **Tisdale JE**, **Wroblewski HA**, **Wall DS**, **Rieger KM**, **Hammoud ZT**, **Young JV**, **Kesler KA**. A randomized, controlled study of amiodarone for prevention of atrial fibrillation after transthoracic esophagectomy. *J Thorac Cardiovasc Surg* 2010;140:45–51.
- **Tisdale JE**, **Overholser BR**, **Wroblewski HA**, **Sowinski KM**. The influence of progesterone alone and in combination with estradiol on ventricular action potential duration and triangulation in response to potassium channel inhibition. *J Cardiovasc Electrophysiol* 2010 Aug 19 [Epub ahead of print].
- **Tisdale JE**, **Miller DA**, eds. *Drug-Induced Diseases: Prevention, Detection and Management*, 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists, 2010.
- **Miller DA**, **Tisdale JE**. Evaluating patients for drug-induced diseases. In: **Tisdale JE**, **Miller DA**, eds. *Drug-Induced Diseases: Prevention, Detection and Management*, 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists, 2010:40–7.

- **Tisdale JE.** Supraventricular arrhythmias. In: Tisdale JE, Miller DA, eds. *Drug-Induced Diseases: Prevention, Detection and Management*, 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists, 2010:445–84.
- **Tisdale JE.** Ventricular arrhythmias. In: Tisdale JE, Miller DA, eds. *Drug-Induced Diseases: Prevention, Detection and Management*, 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists, 2010:485–515.
- Cook K, **Tisdale JE.** Cardiovascular. In: Hutchison LC, Sleeper-Irons RB, eds. *Fundamentals of Geriatric Pharmacotherapy: An Evidence-Based Approach*. Bethesda, MD: American Society of Health-System Pharmacists, 2010:121–61.
- **Tisdale JE.** Arrhythmias. In: Chisholm MA, Schwinghammer TL, Wells BG, Malone PM, Kolesar JM, DiPiro JT, eds. *Pharmacotherapy. Principles & Practice*, 2nd ed. New York: McGraw-Hill, 2010:157–83.

Toby Trujillo

- Dobesh PP, **Trujillo T.** Anticoagulation in the management of ST-segment elevation myocardial infarction. *J Pharm Pract* 2010;23:335–43.
- Dobesh PP, **Trujillo T.** Anticoagulation in the management of non-ST-segment elevation acute coronary syndrome. *J Pharm Pract* 2010;23:324–34.

Emily Zadvorny

- Kauffman AB, Olson KL, Youngblood M, **Zadvorny EB,** Delate T, Merenich J. Attainment of low-density lipoprotein cholesterol goals in coronary artery disease. *J Clin Lipidol* 2010;4:173–80.

Clinical Administration PRN

The Clinical Administration PRN consists of members in formal or informal leadership roles with medication management in health systems across the country. As politics and health care intermingle more often, the need for leadership becomes even greater. The PRN's focuses for the upcoming year include medication safety (justifying clinical pharmacy services) and clinical affairs (metrics), as well as contributions to the expansion of residencies and assistance with programming related to the above.

The PRN focus session titled “Hospital Pharmacy Practice: What Every Patient Deserves and How Hospitals Provide It” will be held on October 19, 2010, at 3:30 p.m. at the Annual Meeting in Austin. It will focus on ACCP's 2015 goals most closely associated with clinical pharmacy. In particular, plans to implement the goals, as well as barriers and potential solutions from the viewpoint of both larger and smaller institutions, will be presented.

A survey to characterize membership was conducted this past summer. Results will be shared with membership at the PRN business meeting, scheduled for Tuesday, October 19, from 6:30 p.m. to 9:00 p.m.

Individual Member Accomplishments

Some notable member accomplishments include the following:

- John Noviasky, Pharm.D., BCPS, is instructor for the Anticoagulation Certificate Program sponsored by the New York State Council of Health-System Pharmacists. This program, which has certified 100 pharmacists so far, will be offered at the NYSCHP Annual Meeting in the spring of 2011.
- James Hoffman, Pharm.D., M.S., BCPS, has had two recent publications: (1) Projecting future drug expenditures – 2010. Hoffman JM, et al. *Am J Health Syst Pharm* 2010;67:919–28; and (2) Efficacy and safety of cefepime in pediatric patients: a systematic review and meta-analysis. *J Pediatr* 2010. In press.

Newly Certified PRN Members

The following are current Clinical Administration PRN members who received Board Certification in Pharmacotherapy in 2009:

- Gina Bazemore, Marianne Billeter, Mikel Bofenkamp, Rodney Brumbelow, Gina Caliendo, Joel Hennenfent, Katherine Hufft, James Kalus, Lela King, Tyrone Lin, John Noviasky, Fern Paul-Aviles, Andrea Quinn, Thomas Thompson, and Gary Wu
- Sarah Jane Faro received Board Certification in Oncology in 2009.

Central Nervous System PRN

Member Highlights

We are proud to announce that several Central Nervous System PRN members will serve in leadership positions within ACCP in the upcoming years. **Dr. Bill Kehoe** will be sworn in as president of ACCP at the upcoming Annual Meeting. **Dr. Larry Cohen** will begin his term as president-elect, and **Dr. Vicki Ellingrod** has been elected a Research Institute Trustee for ACCP. Please join us in congratulating our colleagues.

- Dr. Barbara Wells was the recipient of the Gloria Niemeyer Francke Leadership Mentor Award. The award was presented at the American Pharmacists Association meeting in Washington, DC, March 12–15, 2010.
- Drs. Jeff Bishop and Vicki Ellingrod are serving as authors/speakers for the Pharmacogenomics Education Program (PharmGenEd™): Bridging the Gap Between Science and Practice. Dr. Bishop recently hosted a webinar on “Psychiatry II: Antipsychotics,” which is available for viewing at <http://pharmacogenomics.ucsd.edu/shared-curriculum/psychiatry-ii-antipsychotics.aspx>.
- Dr. Ellingrod will host a webinar on October 21 on “Psychiatry I: Depression.” If you are interested in the PharmGenEd™ program or in serving as a faculty trainer to teach pharmacogenomics to your

pharmacy students, please contact Dr. Kelly Lee at kellylee@ucsd.edu, or pharmacogenomics@ucsd.edu.

Publications

- Hutchison LC, Sleeper-Irons RB, eds. *Fundamentals of Geriatric Pharmacotherapy: An Evidence-Based Approach*. Bethesda, MD: American Society of Health-System Pharmacists, 2010.

Grants

- Lee KC, Tallian K, Chan P, Hirsch JD. Medication Therapy Management Services to Ensure Safe and Appropriate Use of Medications for Mental Health Patients in San Diego County: A Pilot. Award: \$52,487. Department of Health Care Services

Critical Care PRN

Congratulations to the newest officers of the Critical Care PRN

Chair-Elect: *Jeremy Flynn*

Secretary/Treasurer: *Stacy Voils*

Critical Care activities at the 2010 Annual Meeting

- Critical Care PRN Business Meeting and Networking Forum**

Tuesday, October 19, 2010, from 6:30 p.m. to 9:00 p.m.

Join the Critical Care PRN networking forum and interact with colleagues while enjoying hors d'oeuvres and beverages. Presentations will include a summary of PRN activities, reports from PRN officers, and presentation of the Resident/Fellow Research Travel Award.

- Critical Care PRN Focus Session – Critical Care Challenges: External Validity and Extrapolation of Clinical Trial Data to the Bedside**

Monday, October 18, 2010, from 1:30 p.m. to 3:30 p.m.

Therapeutic Hypothermia: Examining Potential Patient Populations and Pharmacotherapy Implications?

Speaker: Erik E. Abel, Pharm.D., BCPS; cardiology/ cardiothoracic surgery specialty pharmacist, clinical assistant professor, The Ohio State University Medical Center, Richard M. Ross Heart Hospital, Columbus, Ohio

Nitric Oxide and Inhaled Prostaglandins for Acute Respiratory Distress Syndrome (ARDS): Beneficial Enough for Use in Our Patients?

Speaker: Amy L. Dzierba, Pharm.D., BCPS; clinical specialist, critical care program director, critical care residency, Department of Pharmacy, New York Presbyterian Hospital, New York, New York

Pro/Con Debate. Pro – Dexmedetomidine Should be the Sedative of Choice for the Majority of ICU Patients

Speaker: Joseph F. Dasta, M.S., FCCP; professor emeritus, The Ohio State University College of Pharmacy; adjunct

professor, The University of Texas College of Pharmacy, Austin, Texas

Pro/Con Debate: Con – Dexmedetomidine Is Not the Sedative of Choice for the Majority and Should Be Reserved for Select ICU Patients

Speaker: Tony Gerlach, Pharm.D., BCPS; specialty practice pharmacist and clinical assistant professor, The Ohio State University, Columbus, Ohio

- 2010 Critical Care PRN Resident Travel Awards**

This year, the PRN had two recipients of the award. Each will receive \$750 and will present an overview of her respective project during the PRN business meeting and networking forum at the 2010 Annual Meeting in Austin, Texas:

- Erin Frazee, Pharm.D. (Mayo Clinic, Rochester, MN) for “Evaluation of Octreotide Prescribing Patterns at a Tertiary Care Center”
- Heather Personett, Pharm.D. (Mayo Clinic, Rochester, MN) for “Evaluation of Prescribing Patterns of Direct Thrombin Inhibitors, Argatroban and Lepirudin”

Congratulations to 3 PRN members who received board certification or recertification in Nutrition Support and 103 PRN members who received board certification or recertification in Pharmacotherapy.

Congratulations to the following PRN members who were elected ACCP fellows and who will be inducted at the 2010 Annual Meeting in Austin, Texas: Sara Bouse, David Foster, Mary Hess, Elizabeth Michalets, Lance Oyen, and Steven Pass.

Education and Training PRN

Current Education and Training PRN Chair, **Tina Denetclaw**, will step into the immediate past chair position at the 2010 Annual Meeting in Austin, as **Sandra Benavides** becomes PRN chair and newly elected **Maria Pruchnicki** assumes the role of chair-elect. **Tyan Frazier** will complete her 2-year tenure as PRN secretary/treasurer and pass on that torch to newly elected **Brenda Gleason**.

The past year's PRN theme has been research and scholarly activity in educational settings.

We conducted our 3rd Annual Interview Skills Workshop for Students and Residents at the 2009 Annual Meeting and surveyed the student and resident participants to identify both strengths and opportunities for improving the program and to assess whether the participants found that experience helpful as they proceeded to real-world interviews for residencies, fellowships, and employment.

Our 2010 Spring Networking Forum addressed conducting research in clinical practice with the assistance of students. Under the leadership of **Haley Phillippe**, the EDTR PRN Networking Forum Committee presented a small group, interactive, hands-on workshop titled “Best of Both Worlds: Incorporating Research into Your Clinical Practice.”

Under the leadership of Chair-Elect **Sandra Benavides**, the EDTR PRN's Programming Committee will present the PRN Focus Session titled "**Incorporating Educational Research into Your Teaching and Clinical Practice**" at the 2010 Annual Meeting in Austin on Tuesday, October 19, 2010, from 3:30 p.m. to 5:30 p.m. at the Convention Center: Ballroom G. This session has been approved as part of the ACCP Teaching and Learning Academy Certificate Program as well as the ACCP Research and Scholarship Academy Certificate Program.

Also at the 2010 Annual Meeting in Austin, Committee Chair **Haley Phillippe** and the EDTR PRN Networking Forum Committee will present our 4th Annual Interview Skills Workshop for Students and Residents. This program is currently being organized. ACCP members from all PRNs are welcome to help provide mock interviews and to encourage their students' and residents' attendance. The Interview Skills Workshop will be held on Monday, October 18, 2010, from 7:00 p.m. to 9:00 p.m. If interested, please contact **Haley** (see *ACCP Directory* for Haley's contact information).

This year, the EDTR PRN convened a new committee to support scholarly activity. This committee is currently in the latter stages of writing an opinion paper on interactive teaching and learning, and it is in the nascent stages of creating a book on teaching tips. We also created a new committee to encourage EDTR PRN member support for StuNet activities.

In addition, we resurrected our Membership Committee. Under the leadership of **Nancy Shapiro**, this committee conducted a survey of the membership to describe the current demographics of our members and assess the activities and program topics that our current membership would like to see offered. The results of this survey will be presented in a poster at the 2010 Annual Meeting in Austin.

The following paragraphs describe publications, honors, and awards reported by our PRN members and identify our members' self-reported support of student research and ACCP-related student activities (such as StuNet):

- **Beth Resman-Targoff** was a coauthor of the Adult Medicine PRN history poster presented at the 2009 ACCP Annual Meeting: **History of the Adult Medicine Practice and Research Network**. Keller DL, Marrs JC, Resman-Targoff BH, Wortman SB. 2009 ACCP Annual Meeting; Anaheim, CA. She also was mentor to an AACP Walmart Scholar and gave a CE talk: "Pharmacologic Management of Rheumatoid Arthritis with Disease Modifying Anti-rheumatic Drugs" at the 31st Annual Madison Clinical Conference in Middleton, Wisconsin, March 2010. She was reelected Region VI Councilor for Rho Chi Honor Society. **Beth** is also ACCP COP Faculty Liaison for the University of Oklahoma College of Pharmacy and has a student team intending to compete in the ACCP Clinical Pharmacy Challenge. **Beth** perennially supports ACCP StuNet as a CV reviewer.
- **Tracy M. Hagemann** will become an ACCP Fellow at the 2010 Annual Meeting, and she is an item writer for the new ACCP Pharmacy Challenge.

- **Jim Scott** has been promoted to associate dean for Experiential and Professional Affairs at Western University of Health Sciences and has been selected as a new ACCP Fellow in 2010.
- Upon completing a 2-year academic and research fellowship at Duquesne University, **Suzanne Higginbotham** was appointed director of the Academic Research Center for Pharmacy Care at the same university.
- **Heather Whitley** has the following peer-reviewed papers published or in press:

Lorenz R, Whitley HP, McCoy E, Wiggins C. **Safety of varenicline in patients with mental illness**. Primary Psychiatry. In press.

Whitley HP. **Monetary value of a prescription assistance program service in a rural family medicine clinic**. J Rural Health. In press.

Whitley HP. **A public health discussion series in an advanced pharmacy practice experience**. Am J Pharm Educ 2010;74:Article 101.

Hornsby L, Whitley HP, Hester K, Thompson M, Donaldson A. **Survey of patient knowledge related to acetaminophen recognition, dosing, and toxicity**. J Am Pharm Assoc 2010;50:485-9.

Whitley HP, Starr J. **Academic dishonesty among pharmacy students: does portable technology play a role?** Curr Pharm Teach Learn 2010;2:94-9.

O'Bryant SL, Whitley HP. **PhRMA guiding principle amendments effects on direct-to-consumer advertising of prescription and over-the-counter pharmaceuticals**. Pharmacotherapy. In press.

In addition, **Heather** has presented or will present the following regional abstracts and posters:

Whitley HP. **Active-learning diabetes experience for doctor of pharmacy students**. Proceedings from the Rural Health Conference. The University of Alabama; September 2010; Tuscaloosa, AL. Proceedings from the 2nd Annual CCHS Research Day. The University of Alabama; September 2010; Tuscaloosa, AL.

Gist N, O'Bryant SL, Whitley HP. **PhRMA guiding principle amendments effects on direct-to-consumer advertising of prescription and over-the-counter pharmaceuticals**. Proceedings from the Third Annual Undergraduate Research and Creative Activity Conference. The University of Alabama; April 2010; Tuscaloosa, AL.

And **Heather** has been awarded the following extramural funding:

Whitley HP. Walking in diabetic shoes. Principal investigator; 2010-2013: Medical Scholars Week. William R. Willard Family Practice and Medical Student Endowed Support Fund; The University of Alabama School of Medicine. \$2,500 on May 24, 2010.

In addition, **Heather** has presented or will present the following national and regional invited presentations:

Whitley HP. **Utilizing the incretin system for diabetes mellitus.** Alabama Association of Diabetes Educators, St Vincent's Hospital: September 2010; Birmingham, AL.

Whitley HP. **Teaming for care in rural communities: a novel interdisciplinary rural medical home in Parrish, Alabama: Capstone Rural Health Center.** Rural Health Conference, The University of Alabama; September 2010; Tuscaloosa, AL.

Gist N, O'Bryant SL, Whitley HP. **PhRMA guiding principle amendments effects on direct-to-consumer advertising of prescription and over-the-counter pharmaceuticals.** Proceedings from the Third Annual Undergraduate Research and Creative Activity Conference, The University of Alabama; April 2010; Tuscaloosa, AL.

Whitley HP. **How to Use the Medicare Part D finder tool.** Spring CE Program, Auburn University; March 2010; Auburn, AL.

Last, but not least, **Heather** received the Preceptor of Excellence Award, Auburn University, HSOP in 2010.

- In January 2010, **Christine O'Leary** was appointed director, Clinical Services of the Institute for Continuing Healthcare Education. In addition, **Christine** has the following papers accepted for publication:

Steady-state pharmacokinetics of an extended-regimen oral contraceptive with continuous estrogen. Contraception. In press.

Pharmacokinetics of a modified-release synthetic conjugated estrogens tablet. J Reprod Med. In press.

- **Tina Denetclaw** mentored the following work presented as student posters during the 2009 ACCP Annual Meeting and 2010 ACCP Spring Meeting:

Value of first-year pharmacy students exploring clinical pharmacists' roles by attending ACCP-related regional, national, and international conferences. Guirgius C, Shelley M (both students at California Northstate College of Pharmacy), Yep K, Denetclaw TH. 2009 ACCP Annual Meeting.

Comparing on-campus recognition, support, and challenges for ACCP Regional Chapter student membership at the University of California, San Francisco and University of Pacific. Atallah S, Tam J, Cheng G (UCSF students), Thai T, Desai J, Ahn K, Kim J (UOP students), Yep K, Denetclaw T. 2009 ACCP Annual Meeting.

Workflow factors impacting the timeliness of first-dose antibiotic administration in a community hospital. Chan M (UCSF student), Chiok J, Mirzazadeh H (students at Touro University COP-California), Denetclaw T. 2009 ACCP Annual Meeting.

Assessing the effectiveness of roundtable discussions to engender an atmosphere of inclusiveness among student members of the Northern California College of Clinical Pharmacy.

Shelley M, Guirgius C, Chang B, Nguyen N, Pham C, Quach J (all students at California Northstate College of Pharmacy), Denetclaw TH. 2010 ACCP Spring Meeting.

Improving timeliness of first dose intravenous antibiotic administration through targeted staff education. Phuong L, Chan M (UCSF students), Mirzazadeh H (Touro University COP-California student), Denetclaw TH. 2010 ACCP Spring Meeting.

Tina also presented, or will present, the following posters at 2010 ACCP meetings:

A revised vancomycin dosing protocol to meet new IDSA guidelines. Denetclaw TH, Chan M (UCSF student), Phuong L (UCSF student), Le B (UOP student), Mirzazadeh H (Touro University COP-California student). 2010 ACCP Spring Meeting.

Evaluation of a revised vancomycin dosing strategy to meet new guideline recommendations. Denetclaw TH, Wapniarski B, Steinke D. To be presented at the 2010 ACCP Annual Meeting.

Tina will give the invited presentation, **Updates to the ACPE Accreditation Standards: What Do They Mean for Introductory and Advanced Clerkship Experiences?**, at the 2010 ACCP Annual Meeting in Austin.

Students graduating in 2010 from the UCSF North Bay Region Program selected **Tina** for the School of Pharmacy-sponsored Apples for Teachers and Preceptors Award for Excellence in Teaching and Precepting during APPEs.

And as an ACCP Liaison for the UCSF School of Pharmacy, **Tina** is pleased to report that UCSF will have two teams participating in the new ACCP Pharmacy Challenge, starting with the initial online round(s) this September.

- **Nancy Shapiro** was selected a Fellow of ACCP in 2010. She is the ACCP COP Liaison at University of Illinois at Chicago, and she is helping that university's student team in the Pharmacy Challenge. She also was selected to participate in the ACCP CV review service for students this year and will be judging for the Student Travel Awards.
- **Samantha Karr** has been selected to support StuNet by providing online CV review and assessing applications for the Student Travel Awards.
- **Miriam Mobley Smith** was appointed interim dean at the Chicago State University College of Pharmacy and as a member of the Illinois State Board of Pharmacy (4-year term) by Governor Pat Quinn.
- **Christina Madison** is a coauthor of the student poster to be presented at the 2010 ACCP Annual Meeting in Austin, titled "Evaluating the Impact of Implementing a Pharmacy-Based Immunization Delivery Program into Pharmacy Curriculum on Student Pharmacist

Involvement in Immunization Clinics.” **Christina** is also ACCP Student Travel Award reviewer, CV reviewer for 2010–2011, student mentor for ACCP StuNet National Advisory Committee (member-at-large), and ACCP-StuNet faculty adviser. And **Christina** is faculty adviser for the ACCP Clinical Pharmacy Challenge team representing the University of Southern Nevada College of Pharmacy.

- **Laura Susan Cain** has been selected as a CV reviewer for 2010–2011. She also helped develop questions to prepare Auburn’s students as they participate in the ACCP Clinical Challenge.
- Immediate past chair of the EDTR PRN, **Anna Wodlinger Jackson** has relocated to Virginia with her family, is now an internal medicine clinical specialist at Inova Fairfax Hospital in Church Falls, and will be taking over as residency director for next year’s class.
- **Miranda Andrus** attained FCCP status last fall (2009). She currently serves as an ACCP reviewer of Travel Awards and as a CV reviewer. **Miranda** serves as COP Faculty Liaison at Auburn and has teams registered for the Pharmacy Challenge from both Auburn campuses.
- **Kristi Kelley** is participating as a CV reviewer yet again for 2010–2011. She also helped with Auburn’s internal Pharmacy Challenge in preparation for the ACCP event.
- **Lori Hornsby** had the following publications involving students:

Hornsby L, Przybylowicz J, Andrus M, Starr J. Survey of physician knowledge and counseling practices regarding acetaminophen. *J Patient Saf.* Accepted for publication.

Hollingsworth A, Long M, Hornsby, L. Factor V Leiden and/or prothrombin G20210A mutation: impact on initial & recurrence of VTE in family members. *ClotCare Anticoagulation Forum*, July 2010. Available at www.clotcare.org/clotcare/fvl_g2021a_recurrent_vte.aspx.

Lori also serves as ACCP Faculty Liaison, has a team competing in the ACCP Pharmacy Challenge, and serves as both Travel Award reviewer and CV reviewer for ACCP StuNet this year.
- **Sarah McBane** was a coauthor on three posters this year:

Hoffman J, Hess K, Bandy V, Belsey M, Bio C, Brazill B, Colbert J, Durham M, Floriddia D, Goad J, Gupta E, Kawahara N, Louie M, Mack E, McBane S, Meerdink D, Panos A, Porter C. California pharmacy student leadership program: influence on student leadership, teamwork, research skills, and professional involvement. *American Association of Colleges of Pharmacy Annual Meeting*; July 2010; Seattle, WA.

Warburton S, Van Horn C, Sease L, McBane S. Use of opioids in chronic pain management. Poster. *Duke Medical Center Patient Safety Conference*; January 2010; Durham, NC.

Warburton S, McBane S, Van Horn C. Avoidance of antibiotic treatment in adults with acute bronchitis. Poster. *Duke Medical Center Patient Safety Conference*; January 2010; Durham, NC.

Sarah also wrote the following publication:

McBane S, Mesaros J. Teaching pharmacology in a physician assistant program. *J Physician Assist Educ* 2010;21:18–22.

And **Sarah** serves as one of UCSD’s COP Liaisons.

- **Christy Weiland** is Faculty Liaison at the University of Wyoming and has a team participating in the ACCP Pharmacy Challenge.
- **Kamila Dell** is serving as Resident/Fellow Travel Award reviewer for 2010–2011.
- **Shaunta’ Ray** is serving StuNet as a student CV reviewer and Student Travel Award reviewer. **Shaunta’** also won the Teacher of the Year Award from the University of Tennessee College of Pharmacy for 2009–2010.
- Incoming EDTR PRN Chair, **Sandra Benavides**, serves as ACCP Faculty Liaison for Nova Southeastern University (with a team competing in the ACCP Pharmacy Challenge) and as CV reviewer and Travel Award reviewer for StuNet during 2010–2011.
- **Katie McClendon** is a CV reviewer and Travel Award reviewer for StuNet this year.
- **Tali Johnson** and **Rebecca Sleeper** also were appointed CV reviewers for StuNet in 2010–2011.
- **Hanna Phan** serves as ACCP Faculty Liaison for the University of Arizona, together with Asad Patanwala. These faculty liaisons held a preliminary screening of students and an internal, live, student competition in preparation for the ACCP Pharmacy Challenge.
- **Nancy Shapiro, Heather Whitley, Michael Peeters, Sekhar Mamidi, Samantha Karr, and Tina Denetclaw** will present the poster, **Characterizing the ACCP Education and Training PRN membership in 2010**, for the ACCP EDTR PRN at the 2010 ACCP Annual Meeting in Austin.

Endocrine and Metabolism PRN

The Endocrine and Metabolism PRN has grown to almost 200 members who work in a variety of practice settings, including fellow, resident, and student members.

Weekly Online Journal Club

The Communication Committee continues to lead the PRN in the weekly online journal club on our PRN e-mail list.

The online journal club was implemented in February, and so far, the committee has reviewed 60 articles in the past 7 months. The purpose of the online journal club is to provide an awareness of key articles that add new information to the fields of endocrine and metabolism. Members of the PRN are asked to contribute articles and comments periodically. Active members from the Communication Committee have been soliciting journal club articles from the PRN e-mail list and have been posting two articles each week. The following members have been involved in implementing the weekly online journal club: Marissa Quinones (Communication Committee chair), Kim Kelly (project lead), Danny Riche (member), Jeremy Thomas (member), Kavita Dalal (member), and Jennifer D'Souza (member). Please contact Marissa Quinones, marissa.quinones@gmail.com, for more information about the online journal club.

PRN Elections

We would like to congratulate our new officers for 2010–2011. Daniel Riche was elected to serve as chair-elect, and Jennifer Clements was elected to serve as secretary/treasurer. Both will start to work with our current chair-elect, Dawn Havrda, who will take over as chair in Austin in October.

We would also like to thank the other candidates who ran for office this year: Marissa Quinones, Jonathan Ference, and Jeremy Thomas. All candidates have demonstrated true leadership qualities and have helped make the PRN strong.

Member Accomplishments

The officers of the PRN would like to highlight the achievements of our PRN members, of whom we are extremely proud.

Certifications and Awards

- Jennifer N. Clements, Pharm.D., BCPS, CDE, recently passed her CDE examination in May and received Preceptor of the Year (2010) from Shenandoah University.
- Marissa Quinones, Pharm.D., was recently awarded the Texas Tech HSC School of Pharmacy Distinguished Alumni Leadership Award for 2010.
- Jennifer Goldman-Levine was elected ACCP fellow this year.
- Mike Kane will receive the 2010 Clinical Practice Award from ACCP in October at the Annual Meeting.
- Rohit Moghe finished his master's of science in public health with a thesis titled, "Barriers to Medication Adherence in Males Undergoing Recovery Living in Transitional Housing Program."

Grants

- Jeremy Thomas, Pharm.D., CDE: The clinic he works for recently applied for and received a \$10,000 grant from the Arkansas Chronic Illness Collaborative. The clinic received funds and training in the Plan-Do-Study-Act method of the Institute for Healthcare Improvement to improve our care of patients with diabetes.

Leadership

- Jonathan D. Ference, Pharm.D., BCPS, was elected to the Pennsylvania Pharmacists Association Board of Directors.
- Nathan A. Painter, Pharm.D., CDE, is president of the Southern California College of Clinical Pharmacy (SCCCP) and member of the inaugural Community Advisory Panel (CAP) of the ACCP PBRN.
- Dawn Havrda, Pharm.D., FCCP, BCPS, completed the AACP Academic Leadership Fellows Program.

Promotions/New Jobs

- Rosalyn S. Padiyara, Pharm.D., CDE, was promoted to associate professor, Department of Pharmacy Practice, Midwestern University Chicago College of Pharmacy.
- Becky Armor, Pharm.D., CDE, was promoted from clinical assistant to clinical associate professor in June 2010 at University of Oklahoma College of Pharmacy.
- Cori M. Brock, Pharm.D., CDE, recently accepted a new position as the medical science liaison in cardiometabolic diseases field-based medicine with Boehringer-Ingelheim Pharmaceuticals, Inc.

Publications

- Chad Gentry, Pharm.D., recently published the following article: McFarland S, Cross LB, Gross B, Gentry C, Tunney J, Patel UP. Drug use evaluation of sitagliptin dosing by pharmacist versus non-pharmacist clinicians in an internal medicine department of a private physician-owned multispecialty clinic. *J Manag Care Pharm* 2009;15:563–7.
- Chad Gentry, Pharm.D., recently had an article accepted to the *Southern Medical Journal*: Gentry CK, Cross LB, Gross BN, McFarland S, Bestermann WM. Retrospective analysis and patient satisfaction assessment of insulin pump therapy in persons with type 2 diabetes.
- Cori M. Brock, Pharm.D., CDE, recently published an article: Brock CM. DPP-4 inhibitors: what is their place in therapy? *US Pharm* 2010;35(Diabetes suppl):8–13.
- Edwards KL, Riche DM, Stroup JS, Goldman-Levine JD, Padiyara RS, Cross LB, Kane MP. Insulin glargine and cancer risk: an opinion statement of the endocrine and metabolism practice and research network of the American College of Clinical Pharmacy. *Pharmacotherapy* 2010;30:955–65.
- Riche DM, Travis King S. Bone loss and fracture risk associated with thiazolidinedione therapy. *Pharmacotherapy* 2010;30:716–27.

Announcements

Networking Committee

An Endocrine and Metabolism PRN networking meeting will take place at the ACCP Annual Meeting in Austin, Texas, on Monday, October 18, 2010.

Education Committee

Join the Endocrine and Metabolism PRN on Monday, October 18, from 3:45 p.m. to 5:45 p.m. for our focus session titled "Clinical Debates in Endocrinology and Metabolism." The first controversial topic is "Early Insulin Therapy: Give the Injection or the Pill?" by Drs. Brian Irons and Katherine Werner. The second topic will debate "Teriparatide versus Bisphosphonates in Severe Osteoporosis" by Drs. Andrea Traina and Ann Philbrick. The last debate will be "Raise HDL or Lower LDL: What Is the Goal After Maximum Statin Therapy?" by Drs. Tyan Frazier and Alissa Segal.

Hope to see you in Austin!

GI/Liver/Nutrition PRN

The GI/Liver/Nutrition PRN would like to congratulate its newly elected PRN officers: Joseph V. Ybarra (chair-elect) and Sheila Wilhelm (secretary/treasurer). Brian Hemstreet will now be the chair.

Members of the GI/Liver/Nutrition PRN would like to invite ACCP members to its PRN business meeting and networking forum at the upcoming 2010 ACCP Annual Meeting in Austin, scheduled for Monday evening from 6:30 p.m. to 9:00 p.m. This will be an excellent opportunity to network with other ACCP members interested in gastroenterology and nutrition.

Members of the PRN are also excited to offer the GI/Liver/Nutrition focus session titled "Review and Update on the Management of Gastroenterological Diseases." This session is scheduled for Monday, October 18, from 1:30 p.m. to 3:30 p.m. at Convention Center Room 16. This focus session will review the management of ulcerative colitis, Crohn's disease, and hepatic encephalopathy as well as discuss the prevention and treatment of ileus.

Hematology/Oncology PRN

The membership this year was sustained at more than 500 members. About 100 members are students, residents, and fellows. We ask that residency and fellowship directors continue to support the involvement of their trainees in the PRN.

The membership voted to continue to support the Frontiers Fund and the Student Travel Awards. We also plan to provide a Resident or Fellow Travel Award. If a trainee would like to apply for this award, please e-mail the officers of the Hematology/Oncology PRN.

The Hematology/Oncology PRN is writing and publishing two papers. The first paper will focus on the management of chemotherapy-induced anemia. Several authors have volunteered their time to draft the outlined sections of the paper that will discuss the national coverage determination, erythropoietin-stimulating agents, transfusions, iron replacement, and the risk evaluation and mitigation strategy program. The estimated completion date is the first quarter of 2011.

The second paper will focus on pharmacogenomics. The lead author has been selected, but other authors are needed. The paper will likely include a discussion on approved labeling of anticancer drugs that contain pharmacogenomic information, testing availability, reimbursement, clinical outcomes, and community pharmacy practices. If you would like to cowrite this paper, please e-mail the officers of the Hematology/Oncology PRN.

Many members continue to serve the College in various capacities and the profession by conducting practice-changing research, presenting at national meetings, volunteering in other professional organizations, and publishing in peer-reviewed journals! Thanks for all of their hard work this year.

Immunology/Transplantation PRN

We would like to welcome the following students, residents, and members to the PRN. We encourage them, as always, to get involved and to be sure to provide us with suggestions and comments to improve our PRN.

- Ian Doyle, Member
- Spencer Martin, Member
- Elisa Morgan, Student
- Antineen O'Boyle, Member
- Kristen Shimko, Associate member
- Barrett Crowther, Resident
- Keith Fester, Resident
- Krisha Le, Resident
- Jaclyn Strutt, Associate member
- Ok Cho, Student
- Lynley Heinrich, Resident

Announcements

Congratulations to the incoming PRN officers:

- Kimi Ueda, Pharm.D., BCPS (chair), California Pacific Medical Center
- Steve Gabardi, Pharm.D., BCPS (chair-elect), Brigham and Women's Hospital
- Tim Clifford, Pharm.D., BCPS (secretary/treasurer), University of Kentucky HealthCare

Congratulations to Dr. Barrett Crowther for winning the ACCP Immunology/Transplantation PRN Resident/Fellow Travel Award. Dr. Crowther is completing his residency at University Health System in San Antonio, Texas, and he will present his project titled "Conversion of Prograf® to Generic Tacrolimus (Sandoz) in Stable Renal Transplant Recipients" at the 2010 ACCP Annual Meeting on October 19, 2010, at the Immunology/Transplantation PRN business meeting. We look forward to learning about his exciting research.

Congratulations to the following PRN members whose abstracts have been accepted to the 2010 ACCP Annual Meeting in Austin, Texas:

- Barrett Crowther
- Eglis Tellez-Corales

- David Min
- Charles T. Makowski
- Iman Bajjoka
- Nicole Weimert
- Gregory Smallwood
- Nilufar Partovi
- Reed C. Hall
- Pamela R. Maxwell
- Anne Wiland
- Demetra Tsapepas
- Kimi Ueda Stevenson
- Shirley M. Tsunoda
- Steven Gabardi
- Michelle Campolieto
- Teresa Cavanaugh
- Adele Rike Shields

The following immunology/transplantation-related abstracts to be presented at the 2010 ACCP Annual Meeting may be of interest to PRN members:

Monday, October 18, 2010

- Thymoglobulin increases risk of bleeding by increasing prothrombin time. Kim MH, Tellez-Corales E, Shah T, et al.
- The tolerability of interferon/ribavirin antiviral combination therapy in post-liver transplant recipients with hepatitis C. Churchill CL, Makowski CT, Bajjoka I.
- Optimal antiviral prophylaxis duration for kidney transplant recipients at high risk for CMV infection remains elusive. Sieg AC, Taber DJ, Weimert N, et al.
- The impact of valganciclovir regimens in high-risk kidney transplant recipients: is dosing based on estimated CrCl insufficient to prevent CMV in patients with marginal renal function? Curler KM, Weimert N, Sieg AC, et al.

Tuesday, October 19, 2010

- Rapid phenotyping of two novel ganciclovir resistance mutations from human cytomegalovirus infections in liver transplant recipients. Smallwood G, Barnett T, Casper K, et al.
- A comparison of tacrolimus pharmacokinetics in Hispanic vs. non-Hispanic pediatric renal transplant patients. Munar MY, Cherala G, Al-Uzri A.
- Pharmacokinetics of mycophenolate and its glucuronidated metabolites in stable renal transplant recipients on a steroid-free regimen. Poulin E, Greanya ED, Partovi N, et al.

Wednesday, October 20, 2010

- Development and validation of limited sampling strategies for tacrolimus and mycophenolate in steroid-free renal transplant regimens. Poulin E, Greanya ED, Partovi N, et al.
- Pharmacokinetics of tacrolimus in stable renal transplant recipients on steroid-free regimen. Poulin E, Greanya ED, Partovi N, et al.
- Immunosuppressant adherence rates in the Mycophenolic acid Observational Renal transplant

(MORE) registry. Chisholm-Burns M, Wiland A, Tsapepas D.

- Early outcome analysis of the Mycophenolic acid Observational Renal transplant (MORE) registry: initial comparisons of enteric-coated mycophenolate sodium and mycophenolate mofetil. Olyaei A, Wiland A, Ueda Stevenson K.
- Predictors of recurrent hepatitis C treatment success in liver transplantation. Tsunoda SM, Cui M, Hsia J, et al.
- Mycophenolate sodium vs. mycophenolate mofetil in kidney transplant recipients withdrawn from corticosteroids: an analysis of the Mycophenolic acid Observational Renal transplant registry (MORE). Ueda Stevenson K, Wiland A, Olyaei A, et al.
- Patient self-efficacy and satisfaction after medication education following solid-organ transplantation. Heldenbrand SD, Turnbow LE, Payakachat N.
- Impact of post-operative hyperglycemia on clinical outcomes in non-diabetic renal transplant recipients. Gabardi S, Campolieto M.
- Evaluation of atovaquone versus sulfamethoxazole-trimethoprim as Pneumocystis jiroveci pneumonia prophylaxis following renal transplantation. Gabardi S.
- Evaluation of early corticosteroid cessation therapy in standard criteria donor versus expanded criteria donor renal transplant recipients. Gabardi S.
- Retrospective analysis of the efficacy of erythropoiesis-stimulating agents (ESAs) in the treatment of anemia following renal transplantation. Schmidt NM, Cavanaugh T, Govil A, et al.
- The effects of fluconazole gargle on the interactions of CNI and hepatotoxicity in kidney transplant recipients. Ham H, Lee S, La H.
- Compliance to immunosuppressives in renal transplantation – case of tacrolimus and sirolimus. Sequeira CM, Ribeiro Rama AC, Feio JA, et al.
- Tolerability of de novo maintenance immunosuppressive therapy with sirolimus versus mycophenolic acid in combination with tacrolimus and prednisone in renal transplant recipients – 12-month results. Marfo K, Chen J, Lu A, et al.
- To load or not to load: comparison of a mycophenolic acid oral load vs. standard dosing. Joseph J, Thielke J, West-Thielke P.
- Conversion of Prograf® to generic tacrolimus (Sandoz) in stable renal transplant recipients. Crowther BR, Dobie H, Brady R, et al.

Nephrology PRN

Member Achievements

Nephrology PRN member and Past Chair Amy Barton Pai, Pharm.D., FCCP, associate professor at the Albany College of Pharmacy and Health Sciences, recently served as a guest editor of the September issue of *Advances in Chronic Kidney Diseases*, titled "Optimizing Pharmacotherapy in Chronic Kidney Disease." The issue, which addresses present-day challenges and new knowledge relevant to pharmacotherapy

in patients with CKD, includes contributions by several current Nephrology PRN members, as follows:

- Moore CL, **Pai AB**. CKD: pharmacotherapy in a house of mirrors. *Adv Chronic Kidney Dis* 2010;17:381–3.
- Momper JD, Venkataramanan R, **Nolin TD**. Nonrenal drug clearance in CKD: searching for the path less traveled. *Adv Chronic Kidney Dis* 2010;17:384–91.
- **Eyler RF, Mueller BA**. Antibiotic pharmacokinetic and pharmacodynamic considerations in patients with kidney disease. *Adv Chronic Kidney Dis* 2010;17:392–403.
- **Cardone KE, Bacchus S, Assimon MM, Pai AB, Manley HJ**. Medication-related problems in CKD. *Adv Chronic Kidney Dis* 2010;17:404–12.
- **St. Peter WL**. Improving medication safety in chronic kidney disease patients on dialysis through medication reconciliation. *Adv Chronic Kidney Dis* 2010;17:413–9.
- **Dager WE**, Kiser TH. Systemic anticoagulation considerations in chronic kidney disease. *Adv Chronic Kidney Dis* 2010;17:420–7.
- **Mason D**, Best SD. Calcific uremic arteriolopathy: contemporary pharmacotherapy. *Adv Chronic Kidney Dis* 2010;17:428–38.
- Pinelli NR, Moore CL, **Tomasello S**. Incretin-based therapy in chronic kidney disease. *Adv Chronic Kidney Dis* 2010;17:439–49.

Kidney Disease: Improving Global Outcomes

Several members of the Nephrology PRN (**Darren Grabe, Gary Matzke, Bruce Mueller, Thomas Nolin, Deborah Pasko, and Wendy St. Peter**) were invited to participate in the international Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference titled “Drug Prescribing in Kidney Disease: Initiative for Improved Dosing,” held May 14–15, 2010, in Baltimore, Maryland. The objective of the conference was to explore key aspects of drug use in kidney disease, including the present-day understanding of drug disposition in patients with acute kidney injury and chronic kidney disease, and to develop rational approaches to pharmacotherapy with practical recommendations for individualized drug dosing. The proceedings of the conference are to be published as a KDIGO position statement.

Pain and Palliative Care PRN

Albert Barber, Pharm.D., FASCP, CGP, serves as a preceptor for the ASCP Foundation Pain Management Traineeship, which is held twice a year in Cleveland, Ohio. This is an intensive 5-day program for pharmacists focusing on end-of-life pain and palliative care (Hospice of Western Reserve) and chronic and postacute pain (Heartland of Mentor). Dr. Barber is also the president-elect of ASCP.

Ewan McNicol, Pharm.D., Tufts Medical Center, is a coeditor with Daniel Carr, M.D., and Carol Curtiss, RN, MSN, on a soon-to-be-published book by IASP, *The Busy Clinician’s Guide to Pain*. The book is designed for the interdisciplinary

team members who wish to learn more about the essential components of pain assessment and management.

The Pain and Palliative Care PRN has been extensively involved in developing a curricular track on pain management at the 2010 ACCP Annual Meeting. Session 1 covers acetaminophen dosing recommendations, pain management in older adults, and the use of topical pain treatments. Session 2 examines challenging scenarios in pain management with a focus on substance misuse and the patient/practitioner relationship. Session 3 focuses on issues of fibromyalgia and depression.

Our PRN focus session on Tuesday, October 19, will address the challenges of new acute pain in the opioid-tolerant hospital patient, together with analgesia in the ED and PACU settings, and the challenges of managing pain in critically ill opioid-tolerant patients. This should be a great meeting, with something for everyone.

Our annual PRN business meeting (Monday evening, October 18) will include a lively discussion on the merits and drawbacks of BPS certification in pain and palliative care.

Those on our active e-mail list continue to assist colleagues with issues of equal analgesia of high doses of opioids, tapering of opioids, and difficult (or should we say “painful”) cases of opioid dosing.

Pediatrics PRN

The PRN members continue in active collaboration and service to pharmacy practice.

Newly Inducted ACCP Fellows 2010

These individuals have demonstrated excellence in patient care, education, research, presentations, and publications and made a substantial contribution to ACCP.

- Sandra Smith Garner, Pharm.D., Medical University of South Carolina
- Tracy M. Hagemann, Pharm.D., University of Oklahoma
- David S. Hoff, Pharm.D., Children’s Hospitals and Clinics of Minnesota

Member Achievements

Dr. Robert Kuhn has been selected as the 2010 recipient of the Helms Award for Excellence in Pediatric Pharmacy Practice. The award recognizes sustained and meritorious contributions to the Pediatric Pharmacy Advocacy Group and pediatric pharmacy practice and contributions of importance to education, new knowledge, and outreach. The award will be presented in October 2010 at the 19th Annual Pediatric Pharmacy Conference.

The University of Arizona College of Pharmacy and University Medical Center is presently training its inaugural PGY2 pediatric resident, Nicole Even, Pharm.D. This program is the only PGY2 pediatrics specialty residency in Arizona and is an accreditation candidate under the direction of Hanna Phan, Pharm.D., BCPS.

PRN Member Contributors to PSAP-VII: *Pediatrics**

PSAP Editorial Board, Vice Chair: Katherine Hammond Chessman, Pharm.D., FCCP, BCPS, BCNSP

Authors:

- Mary Jayne Kennedy, Pharm.D.: Pharmacogenomics and Pediatric Pharmacotherapy
- Tracy Hagemann, Pharm.D., FCCP: Sickle Cell Disease
- Mark R. Haase, Pharm.D., FCCP, BCPS: Poisoning and Envenomation
- Kalen B. Porter, Pharm.D., BCPS, AE-C: Gastroesophageal Reflex Disease
- Claudia Kamper, Pharm.D., BCNSP: Parenteral Nutrition in the Neonate
- David S. Hoff, Pharm.D., FCCP: Hypoglycemia of Critical Illness and Pulmonary Arterial Hypertension
- Elizabeth Anne Farrington, Pharm.D., FCCP, FCCM, BCPS: Management of the Pediatric Congenital Heart Disease Patient
- Christopher L. Shaffer, Pharm.D., BCPS: Acute and Chronic Kidney Disease

Reviewers:

Lea S. Eiland, Pharm.D., BCPS; Robert J. Kuhn, Pharm.D.; Jennifer L. Morris, Pharm.D., BCPS; Agnes Chou, Pharm.D., BCPS, CACP; Donna M. Kraus, Pharm.D.; Kelley R. Lee, Pharm.D., BCPS; Jim Thigpen, Pharm.D., BCPS; Tracy Sandritter, Pharm.D.; Kim W. Benner, Pharm.D., FASHP, BCPS; Winnie Seto, MSc, Pharm.D.; Chad A. Knoderer, Pharm.D.

**For release in October 2010*

Pharmacokinetics/Pharmacodynamics PRN

This past year, the Pharmacokinetics/Pharmacodynamics PRN presented a focus session, "Train the Trainer to Implement a National Pharmacogenomics Education Program to Bridge the Gap Between Science and Practice," at the ACCP Spring Practice and Research Forum in Charlotte, North Carolina. This session successfully provided a basic understanding and application of pharmacogenomics in clinical practice to attendees.

The Pharmacokinetics/Pharmacodynamics PRN will host a networking session at the ACCP Annual Meeting in Austin on Tuesday, October 19, from 6:30 p.m. to 9:00 p.m. Please join us to catch up with old friends and meet new colleagues. We will be awarding the M. Kelli Jordan Travel Award to this year's recipient and will have a short presentation given on his/her research. New officers will be installed at this meeting as well.

New Officers

Congratulations to our incoming officers for the 2010–2011 year.

- **Incoming Chair:** Julie Oestreich, Pharm.D., Ph.D., Assistant Professor of Pharmacy Practice, University of Nebraska Medical Center

- **Incoming Chair-Elect:** Chee M. Ng, Pharm.D., Ph.D., FCP, Research Assistant Professor, Department of Pediatrics, School of Medicine, University of Pennsylvania
- **Incoming Secretary/Treasurer:** Kuo-Hsiung Yang, Pharm.D., M.S., Rutgers Pharmaceutical Industry Fellowship, Hoffmann-La Roche/Rutgers, State University of New Jersey

Thanks to our outgoing chair, Daniel Lewis, and outgoing secretary/treasurer, Michael Pacanowski, for their service this past year.

Pharmaceutical Industry PRN

The Pharmaceutical Industry PRN has more than 240 members and continues to grow. The Pharmaceutical Industry PRN supports members working in the pharmaceutical industry and provides awareness and education to members outside the pharmaceutical industry. This year, the PRN is focused on highlighting the accomplishments of its members and networking with other PRNs to foster collaboration on a variety of projects.

Programming Committee

The Programming Committee, chaired by Jill Chappell, developed an educational symposia for the 2010 Annual Meeting titled, "Sharing the Science of the Drug Product Label – Bridging Drug Development and Patient Care." The focus of the symposia is the sharing of knowledge between pharmacists working in industry, regulatory bodies, and clinical practice to make information readily available in product labels for patient care. Please join us on Tuesday, October 19, from 1:15 p.m. to 3:15 p.m., for the program.

Nominations Committee

This year, the Nominations Committee, chaired by Andrea Anderson, successfully gathered a full slate of nominees for the 2010–2011 PRN elections as well as recommended PRN members for FCCP. Congratulations to Liza Takiya (chair), Alicia Reese (chair-elect), and Ruth Ann Subach (treasurer) as 2010–2011 PRN officers.

PRN Opinion Paper Task Force

This task force, co-chaired by Welton O'Neal and Tom Peddicord, was formed after long discussions of our PRN members regarding the challenges and value of pharmacists who work in the pharmaceutical industry interacting with health care professionals who work in academic institutions. The task force is in the early phases of drafting the opinion paper.

StuNet Liaison

Led by chair Carlos Da Camara, this new committee is tasked with developing a relationship with the StuNet Advisory Committee (SNAC) that represents the student

members of ACCP. The PRN's slide presentation, titled "Drug Development Overview and Opportunities for Pharmacists in the Pharmaceutical Industry," is complete. Feedback from the SNAC will be incorporated in an upcoming version, with Jim Lyons contributing. The slide deck is posted on the PRN Web site for members to use. In addition, the PRN supported the attendance of one student/resident to the ACCP Annual Meeting for \$300.00.

Achievements

We are honored to announce the following achievements of our fellow members:

- Mary Hendrickson, Pharm.D., MBA, RAC, director, Quality and Regulatory Affairs at GENCO Pharmaceutical Services, was called to testify at a congressional hearing (Senate Aging Committee) on the need for changes in the Controlled Substances Act. The focus was to allow a mechanism for consumers (non-DEA registrants) to dispose of their unused medications (including controlled substances) in an environmentally friendly method (i.e., turn them over to DEA registrants).
- Dorothy L. Smith, Pharm.D., president and CEO of Consumer Health Information Corporation, received the 2010 Pinnacle Award from the APhA Foundation for her work in patient adherence and development of patient education programs. The Pinnacle Award, established in 1998, celebrates significant contributions to the medication use process through increasing patient adherence, reducing drug misadventures, promoting the use of national treatment guidelines, improving patient outcomes, or enhancing communication among members of the health care team.
- Liza Takiya, Pharm.D., BCPS, CDE, has been elected an ACCP fellow and will be inducted on October 17 at the 2010 Annual Meeting.

Become More Involved

If you are interested in getting more involved in the Pharmaceutical Industry PRN activities, please contact Liza Takiya at liza.takiya@pfizer.com.

Women's Health PRN

Oral Contraceptive Position Statement

Ten members of the Women's Health PRN collaborated on a PRN position statement regarding the over-the-counter status of oral contraceptives. Pharmacists are expected to be key stakeholders if access to oral contraceptives is expanded. PRN members voted electronically to support the statement. Work on this statement began in 2009 and has been peer reviewed by Pharmacotherapy. A revised version of the paper is under preparation after reviewers' comments.

Member Highlights

- Gerald (Jerry) Briggs, although semiretired, is precepting pharmacy students and conducting clinical

research at the obstetrics/gynecology service, Long Beach Memorial Medical Center. The obstetrics/gynecology rotation takes students from UCSF, USC, University of Washington, and University of California–San Diego. Jerry has also been invited by the Japanese government to give two presentations on drugs in pregnancy at their national meeting in Tokyo, November 2010. Jerry was selected Medical Expert of the Month by OTIS (Organization of Teratology Information Specialists). His biography and photograph can be viewed at the OTIS Web site (www.otispregnancy.org).

- Rosalie Sagraves works with the American Association of Colleges of Pharmacy (AACP) as their interim chief science officer (consultant basis) and as consultant on global pharmacy education.
- Kim Thrasher has been promoted from associate director to director of the Department of Pharmacotherapy with South East Area Health Education Center. She is also clinical associate professor with UNC School of Medicine. In addition, Kim has been appointed to the BPS Specialty Council on Ambulatory Care Pharmacy.
- Karen Gunning has been elected to another term on the BPS Pharmacotherapy Specialty Council. She has also been elected cochair of the Pharmacotherapy Group for the Society of Teachers of Family Medicine.
- C. Brock Woodis is the obstetrics/gynecology section editor/case writer for the upcoming edition of ASHP's PharmPrep.
- Martha Stassinis was an expert reviewer for the PSAP Women's and Men's Health module section on Controversies in Reproductive Medicine.
- Sallie Raffie is now the performance improvement and medication safety pharmacist at the University of California–San Diego Health System. She will present a poster abstract at Reproductive Health 2010 on "Provider Opinions About Expanding Access to Hormonal Contraception," Atlanta, Georgia, September 2010.
- "Annie" Kai Cheang is an invited speaker at the Androgen Excess and PCOS Society Annual Meeting. She will speak on "Metabolic Syndrome and PCOS" on September 12, 2010, in Munich, Germany. In addition, she will present her research findings on "Predictors of Weight Loss in Obese Women with and without PCOS" during an oral session at American Society of Reproductive Medicine, Denver, Colorado, October 27, 2010.

Publications

- **Briggs G.** Drugs in Pregnancy and Lactation, 9th ed. Scheduled release date is March 2011.
- **Kelsey J** cowrote an article for Critical Connections (SCCM journal) on "Pregnancy in the ICU: Drug Implications."
- **Woodis CB.** Hormone therapy for the management of menopausal symptoms: pharmacotherapy update. J Pharm Pract. Published online April 10, 2010. DOI:10.1177/0897190009360061.
- **Sehovic N, Smith KP.** Risk of venous thromboembolism with drospirenone in combined oral contraceptive products. Ann Pharmacother 2010;44:898–903.
- **Wickham EP III, Cheang KI, Clore JN, Billargeon JP, Nestler JE.** Total and high-molecular-weight adiponectin

in women with the polycystic ovary syndrome.
Metabolism 2010 Mar 30 [Epub ahead of print].

Many members of the PRN were authors, reviewers, and editors for *Women's Health Across the Lifespan: A Pharmacotherapeutic Approach*. Congratulations on this excellent women's health textbook and resource!

2010 ACCP CLINICAL PHARMACY CHALLENGE TEAMS ADVANCE TO SEMI-FINALS

Don't miss the opportunity to witness history as the inaugural ACCP Clinical Pharmacy Challenge Champion is crowned at the Annual Meeting in Austin, Texas.

From a field of 94 teams, only four remain: Nova Southeastern University–Puerto Rico campus, Purdue University, University of Minnesota, and University of California–San Diego.

These teams will meet in Semi-final Round Competition on Saturday, October 16, 2010. The winners of the two semi-final matches will face off during Final Round Competition on Sunday, October 17, 2010, at the conclusion of the Business and Town Hall Meeting. Please refer to the schedule below and mark your calendars to attend.

Saturday, October 16, 2010

11:00 a.m.–11:45 a.m. **Semi-final A**
University of Minnesota
vs.
Purdue University

1:00 p.m.–1:45 p.m. **Semi-final B**
University of California–
San Diego
vs.
Nova Southeastern University–
Puerto Rico

Sunday, October 17, 2010

5:15 p.m.–6:00 p.m. **Final Round**
Winner Semi-final A
vs.
Winner Semi-final B

These three-student teams will compete in a “quiz bowl”-type format. Each competition round will consist of questions offered in the three distinct segments indicated below. Item content used in each segment has been developed and reviewed by an expert panel of clinical pharmacy practitioners and educators.

- Trivia/Lightning
- Clinical Case
- Jeopardy-style

For additional information on the ACCP Clinical Pharmacy Challenge, visit www.accp.com/stunet.



STUDENT INITIATIVES UPDATE

Student Member Demographics

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 have considerably helped expand opportunities for students within the organization. During the past 4 years, the number of ACCP student members has more than tripled, reaching 1,650 members as of September 2010.

Student Travel Awards Program

ACCP initiated the Student Travel Award Program in 2006 to support and encourage student attendance at ACCP national meetings and to expand opportunities for students throughout the organization. To date, ACCP has awarded more than \$30,000 in travel stipends and complimentary meeting registrations.

ACCP thanks the many PRNs donating funds in support of the Travel Awards Program:

- Adult Medicine
- Ambulatory Care
- Cardiology
- Clinical Administration
- Critical Care
- Education and Training
- Endocrine and Metabolism
- Geriatrics
- Hematology/Oncology
- Infectious Diseases
- Pharmacokinetics/Pharmacodynamics

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 <http://www.accp.com/stunet/award/asp>.

ACCP's Popular Online Curriculum Vitae Review Program Returns

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

Now until April 1, 2011, student and PGT members may submit their CVs online as a Microsoft Word document and have it randomly assigned to a volunteer ACCP member reviewer. The ACCP reviewer will provide his/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.

Students are also encouraged to take advantage of ACCP's other Web-based resources. Students can download a presentation on CV writing, view sample student CVs, and access valuable "curriculum vitae pearls," which provide practical insights in developing a CV.

These services and other resources are accessible from the student section of the ACCP Web site at <http://www.accp.com/stunet/index.aspx>. For questions about the ACCP CV Review Service, contact Michelle Kucera, Pharm.D., BCPS, at mkucera@accp.com.

2010–2011 ACCP National StuNet Advisory Committee Members Appointed

Earlier this year, ACCP issued a call for applications to student members interested in serving on the National StuNet Advisory Committee. The College received applications from students across the country. After a review of their applications, ACCP President-Elect Bill Kehoe selected student members for appointment. ACCP is pleased to announce the appointment of the following student members to the 2010–2011 ACCP National StuNet Advisory Committee. The committee will meet at the upcoming 2010 Annual Meeting in Austin, Texas.

Chair: Stephanie Seaton, St. Louis College of Pharmacy
Vice Chair: Kayley Lyons, South Dakota State University
Secretary: Alexander Flannery, University of Kentucky

Members at Large:

- Christopher Adams, University of Oregon
- Ryan Birk, Southern Illinois University
- Rena Lettsome, University of Minnesota
- Rachael Moore, University of Southern Nevada
- Brandon Mottice, Northeastern Ohio Universities College of Pharmacy (NEOUCOP)
- Tiffany Pon, Purdue University
- Melanie Siv, Wingate University

The newly impaneled committee will serve in an advisory capacity to the Board of Regents and the College's membership staff to develop and update student programs and initiatives consistent with ACCP's vision for the future of clinical pharmacy practice. Please join the College in congratulating these ACCP student members on their recent appointments.

ACCP RESEARCH INSTITUTE REPORT

As the ACCP Annual Meeting approaches, we want to share with you an update of the activities and success of the Research Institute. Thank you for supporting the ACCP Research Institute.

MEDAP Study Now Recruiting ACCP PBRN Members

The Medication Error Detection, Amelioration, and Prevention



(MEDAP) Study was launched on August 5, 2010. Join members from sites across the country as we work toward logging the greatest number of clinical pharmacist interventions related to medication errors. This is the sentinel feasibility project for the ACCP PBRN and is funded by the Frontiers Fund.

Frequently Asked Questions about the MEDAP Study

What is the purpose of the MEDAP Study?

The purpose of the MEDAP Study is to gather information regarding interventions clinical pharmacists make across the country that are related to medication error detection, amelioration, and prevention.

What would I be asked to do in the MEDAP Study?

The ACCP PBRN pharmacist is the study subject for the MEDAP Study. Each participating pharmacist will be asked to collect data about any intervention made pertaining to medication errors during a consecutive 14-day period. For each intervention related to a medication error detection, prevention, or amelioration during these 14 days, the pharmacist will be asked a series of questions. For example, data will be collected about the type of error (or prevented error), the intervention(s) made, the medication(s) involved, and the patient outcome(s), if known. However, only de-identified patient information will be collected.

Is the MEDAP Study IRB approved?

Yes, the AAFP (American Academy of Family Physicians) IRB has reviewed and approved the study. All IRB-related documents are available on **PBRNConnect**.

How do I join the MEDAP Study?

First, you must join the ACCP PBRN. Go to accpri.org to join by answering questions related to you, your practice site, and the clinical services you provide. You can complete the registry tool from within **PBRNConnect** (www.accpri.org/pbrnconnect).

I've joined the ACCP PBRN. What else do I need to do?

Once you join the registry, you need to complete a portfolio with PBRNConnect so that you can participate in any PBRN project (www.accpri.org/pbrnconnect).

What is PBRNConnect?

The ACCP PBRN has created a one-stop resource for all PBRN-related materials called PBRNConnect. Located at www.accpri.org/pbrnconnect, this resource allows ACCP PBRN members to view, print, and download all research and PBRN-related documents. In addition, PBRNConnect will serve as a repository for all PBRN-related training. Moreover, each ACCP PBRN member will need to upload his/her own portfolio documents within the secure PBRNConnect site to be eligible to participate in ACCP PBRN studies. ACCP PBRN members access this site using their usual ACCP.com log-in.

How do I get my MEDAP Study log-in and password?

All eligible ACCP PBRN members who have completed all required steps within PBRNConnect will receive a unique Discovere user name and password through e-mail.

What are the anticipated study dates for the MEDAP Study?

MEDAP Study Dates

Open	Anticipated Study Close
8/5/2010	11/5/2010

How will I be trained to do ACCP PBRN-related projects?

All training materials may be accessed online on PBRNConnect. Before entering any study data, pharmacists will be asked to watch the two new training videos located at www.accpri.org/pbrnconnect. There, you will find the brief Module 3: Introduction to Discovere, and under step 4, you will find MEDAP Study Training Module. You can also print the new MEDAP PocketGuide to help you with data collection at your clinical practice site.

I have more questions. Where can I send them?

Contact us at pbrn@accp.com with any questions. Thank you.

Contributing Members of the ACCP PBRN Registry

The ACCP PBRN is grateful for the individual contributions of the following clinical pharmacists, who granted permission to include their data for analysis in the manuscript titled “Characterizing the American College of Clinical Pharmacy Practice-Based Research Network (ACCP PBRN)” as published in *Pharmacotherapy* 2010;30:264e–273e. The manuscript and list of all contributing members are available at <http://www.accpri.org/pbrn/index.aspx>.

The ACCP PBRN continues to grow since its launch in February 2009. We have more than 600 members to date, including members who have joined through existing PBRNs and whose data are not shown below. We encourage each of you to join.

ACCP PBRN Members	Practice and Research Network (9/2/2010)
71	Adult Medicine
139	Ambulatory Care
86	Cardiology
12	Central Nervous System
20	Clinical Administration
94	Critical Care
8	Drug Information
50	Education and Training
13	Emergency Medicine
22	Endocrine and Metabolism
17	Geriatrics

15	GI/Liver/Nutrition PRN
14	Health Outcomes
38	Hematology/Oncology
20	Immunology/Transplantation
84	Infectious Diseases
18	Nephrology
20	Pain and Palliative Care
35	Pediatrics
5	Pharmaceutical Industry
14	Pharmacokinetics/Pharmacodynamics
18	Women’s Health

Be a Big Shot—Donate Onsite to the Frontiers Fund

You, too, can “Be a Big Shot” by making a personal contribution in 2010 to the Frontiers Fund. On-site donations of \$100 will receive this unique and useful gift: a 1-gb flash drive on a lanyard.



Your tax-deductible donation will...

- develop researchers,
- build a research network called the ACCP Practice-Based Research Network (ACCP PBRN), and
- generate evidence

... to further document the value of clinical pharmacy services and advance pharmacy research. If you are attending the Annual Meeting in Austin, plan to visit us at the Research Institute booth located by the registration desk. You can also make online donations at <http://www.accpri.org>.



Frontiers Fund

Focused Investigator Training (FIT) Program Success: More Than \$2 Million in New Grant Monies Received

This program works! The amount of *new* grant funding for the 18 participants in the 2008 FIT Class exceeds \$2.1 million. Grants include various K and R awards as well as industry grants.



Are you an experienced researcher, perhaps at the associate or professor level, who has simply not yet received that big federal grant as a principal investigator?

Submit your proposal to the Focused Investigator Training (FIT) Program. There, National Institutes of Health (NIH)-funded experts will analyze, dissect, chew on, think about, rehash, and then help you rebuild your proposal during the course of 1 week.

The FIT Program will be held again in June 2011 at the University of Arizona College of Pharmacy in Tucson. The FIT Program is an annual, intensive, 1-week, hands-on program for experienced investigators who have not yet been awarded significant peer-reviewed extramural funding as a principal investigator. Through this mentored program, research-track faculty will take necessary steps toward preparing a K, R, or similar investigator-initiated application for submission to the NIH or other major funding source. Online applications open on January 1, 2011, and close on April 1, 2011.

We thank the Ambulatory Care and Adult Medicine PRNs for offering tuition scholarships to 2010 FIT attendees. The Research Institute encourages all PRNs to consider this professional development opportunity for its members.

FALL 2010 HEALTH CARE REFORM AND ADVOCACY UPDATE



When the Patient Protection and Affordable Care Act (PL 111-148) was signed into law by President Barack Obama on March 23, 2010, ACCP and the pharmacy community welcomed the widespread recognition of the medication use problems our country faces and the provisions that expand the role of the clinical pharmacist in addressing these problems.

ACCP identified the following areas of particular interest to clinical pharmacy.

MTM Grant Programs

The law establishes a stand-alone grant program to ensure pharmacist-provided MTM services as defined by the pharmacy profession's consensus definition on the core elements of an MTM program. The program ensures the testing of practice and care delivery models, such as patient-centered self-management programs, that improve patient outcomes through team-based collaborations between prescribers and pharmacists.

Integrated Care Models

The law also includes provisions to ensure that providers with expertise in pharmacotherapy, including pharmacists, are fully engaged in integrated, collaborative, team-based approaches to delivering care, including medical homes, accountable care organizations, community health teams, and home-based chronic care programs.

Transitional Care Activities

The law recognizes the gaps in care coordination and communication that often occur when patients are transferred from one care setting to another. Problems arising from inappropriate medication use are a primary reason for hospital readmissions. Pharmacists—by helping manage pharmacotherapy as part of a transitional care team—will be able to play major roles in preventing these events. Transitional care activities might include medication reconciliation, improved use of personal medication records, and discharge planning that may include MTM services.

Medicare Advantage Plan Incentives

The law provides bonus payments to Medicare Advantage plans that conduct care coordination and management activities. In particular, it acknowledges the need for MTM programs to address medication use issues such as polypharmacy through medication reconciliation, periodic reviews of drug regimens, and integration of medical and pharmacy care for chronically ill, high-cost beneficiaries.

Workforce

The law establishes a National Health Care Workforce Commission that will study health care workforce supply issues and make recommendations to Congress.

Six-Month Update

It has only been 6 months since the enactment of this historic law, so it is still far too early to judge whether it has achieved its stated goals. After all, many provisions do not begin to take effect until 2011 at the earliest, with some being phased in as late as 2014.

However, ACCP and our pharmacy colleagues continue to work with the relevant congressional committees and federal agencies to implement and launch the programs authorized by the passage of the health care reform law.

MTM Grant Program

Section 3503 of the Patient Protection and Affordable Care Act called for an MTM grant program that reflects a collaborative, multidisciplinary, interprofessional approach to providing services that “improve[s] the quality of care and reduce[s] overall cost in the treatment” of individuals with chronic illness.

With little specific guidance about the structure and scope of the grant program, the pharmacy community has been working closely with legislators and staff at the Agency for Healthcare Research and Quality (AHRQ) – the federal agency charged with delivering the grant programs.

During a series of meetings, the following research questions were developed to identify the type of evidence necessary to build highly effective MTM services and to facilitate refinements in payer policies to promote the growth of services that benefit patients:

- Determine ways to optimize the effectiveness of MTM services as reflected in overall health outcomes.
- Which patients benefit the most from MTM services, and how do we ensure that these patients receive MTM?
- How do we enhance patient and provider engagement and satisfaction in MTM services?
- What methods and performance measures are useful in evaluating MTM services?

With AHRQ expected to issue a call for proposals (or request for applications) within a competitive grant process, ACCP has called on the agency to support research on a variety of models for MTM services through demonstration projects in a variety of settings with funding that is adequate to ensure a robust test of MTM. Individual demonstration projects will likely require funding in excess of \$5 million dollars for a multiyear study, and we believe that four to six distinct projects may be necessary to generate the evidence necessary to guide future policy decisions.

Further refinement of the grant program will be facilitated by compliance of the secretary, with legislative language requiring consultation with experts in the design and implementation of the MTM grant program. ACCP also urged AHRQ to solicit the input of MTM providers and patients, as well as the input of research experts, when designing the grants program.

Our proposal to AHRQ highlights the importance of studying best practices for implementing MTM services and for engaging patients in these services so that pharmacists can be of maximal help to their patients.

Patient-Centered Medical Home

C. Edwin Webb, Pharm.D., MPH, ACCP's associate executive director, has been working for almost 2 years with the Patient-Centered Primary Care Collaborative (PCPCC) (www.pcpcc.net) to develop resource documents that define the core structures and services of patient-centered medical homes (PCMHs).

Of special note and meaning for clinical pharmacists is the publication of "The Patient-Centered Medical Home: Integrating Comprehensive Medication Management to Optimize Patient Outcomes" (please see <http://www.accp.com/docs/positions/misc/CMM%20Resource%20Guide.pdf>).

This resource guide provides a descriptive framework for the provision of team-based comprehensive medication management services in the PCMH. Also included in the guide are examples of approaches, evidence of effectiveness, and an understanding of the close alignment between the principles of the PCMH and the purposes and outcomes to be achieved through a comprehensive approach to medication management that is team based and that actively engages the patient in the clinical care and goal-setting processes.

The PCPCC is a 600+ member coalition of health professional societies, clinicians from the principal health care professions, health plans, employer groups, patient care quality organizations, hospitals, and others. This coalition has worked together for more than 3 years, particularly during the health care reform debate in Congress, to define and advocate for comprehensive changes in the way primary

care services are structured, coordinated, financed, and delivered.

For more information on ACCP's work with the PCPCC, visit <http://www.accp.com/report/index.aspx?iss=0810&art=9>.

How You Can Get Involved

ACCP's [Legislative Action Center](#) contains a wealth of information about your elected officials and allows you to communicate with your members of Congress.

Invite Your Legislators to Tour Your Practice Setting

Perhaps the single greatest challenge facing the pharmacy community in Washington is the enduring perception that pharmacists are drug dispensers who do not play a role in patient care.

The most effective step an ACCP member can take to help members of Congress understand the differences between traditional retail pharmacy and the patient care services provided by a clinical pharmacy is to invite members to tour a practice setting and to see firsthand what clinical pharmacy is all about.

ACCP has prepared a guide to help you reach out to members of Congress and schedule a visit. We've even drafted a letter you can send directly from the Legislative Action Center, inviting your federal officials to tour your facility.

[Click here](#) to visit the site and send a letter yourself.

NOTE: Please be sure to secure the necessary approval from your organization before requesting that members of Congress tour your practice setting.

Please also be sure to work closely with ACCP staff in Washington to ensure that your practice tour is as effective as possible. We can help you prepare for the event and follow-up. Contact John McGlew at (202) 621-1820 or jmcglew@accp.com to discuss how to conduct a successful meeting with a lawmaker and how to maximize your political impact with that lawmaker.

ACCP Political Action Committee (PAC)

ACCP's 2007 Strategic Plan called for an examination of the feasibility and value of establishing an ACCP Political Action Committee (PAC).

In February 2010, based on research conducted by staff and outreach to ACCP membership, the ACCP Board of Regents approved the establishment of a PAC to support and advance ACCP's advocacy agenda in Washington, DC.

The ACCP-PAC was formally registered with the Federal Election Commission (FEC) in July 2010, and the PAC Governing Council was established to oversee the PAC. The initial ACCP-PAC Governing Council is composed of the following ACCP members:

Chair: Leigh Ann Ross, Pharm.D., BCPS
 Treasurer: Gary R. Matzke, Pharm.D., FCP, FCCP, FASN, DPNAP

- Secretary: Michael S. Maddux, Pharm.D., FCCP
(formal delegation of functions to John McGlew)
- Member: Anna Legreid Dopp, Pharm.D.
- Member: Terry Seaton, Pharm.D., BCPS
(Board of Regents Liaison)

The purpose of the ACCP-PAC Governing Council is to provide oversight and strategic input into the operations of the ACCP-PAC, with particular focus on fundraising activities and decisions around which candidates to support. The Council members will sit for a 2-year term, mirroring 2-year congressional cycles.

What Is a Political Action Committee (PAC)?

A PAC is a legally defined entity organized to help elect political candidates. PACs must report all financial activities, including direct donations and other expenses, to the Federal Election Commission (FEC), which makes the reports available to the public.

Why Establish a PAC?

- A PAC is the only means by which ACCP can provide financial support to help elect pro-pharmacy candidates.
- Political contributions help raise our profile in Washington, DC.
- Attending fundraising events offers an opportunity to secure face time with members of Congress or congressional staff.
- ACCP members can also attend events on behalf of the College and help improve their relationships with elected officials.

Why Support Your PAC?

The success of the ACCP-PAC depends entirely on the support of ACCP members. Although we recognize the commitment ACCP members already make to the College and other professional organizations, this is clinical pharmacy's PAC and, as such, presents a unique opportunity to raise our political profile and advance our advocacy agenda.

ACCP/ASHP/VCU Pharmacy Policy Fellow Program

In 2006, ACCP, Virginia Commonwealth University (VCU) School of Pharmacy, and the American Society of Health-System Pharmacists (ASHP) established the country's first Pharmacy Healthcare Policy Fellow Program.

Under the leadership of Gary R. Matzke, Pharm.D. (VCU School of Pharmacy); Ed Webb, Pharm.D., MPH (ACCP); and Brian Meyer (ASHP), the program was developed to provide active learning in multiple policy environments.

The initial month of the program consists of an orientation curriculum put on by faculty of the Virginia Commonwealth University School of Pharmacy and the government affairs staff of ACCP and ASHP. Fellows then spend 1 year working as special assistants/fellows on the

staff of a congressional committee or the personal staff of a U.S. senator or representative.

The program provides a unique health care policy learning experience that allows the fellow to make practical contributions to the effective use of scientific and pharmaceutical knowledge in government decision-making.

The fellow will be actively mentored during his/her development of legislative evaluation and policy development skills as well as research and writing skills as he/she integrates practical policy experience with theory.

The fellow will also be expected to undertake a wide array of responsibilities in the congressional office he/she serves, including researching and writing briefs on health care issues, assisting with policy decisions, drafting memoranda, and planning, organizing, and contributing to the management objectives of the office.

Introducing the Pharmacy Healthcare Policy Fellows

2006–2007: The program's inaugural fellow—George Neyarapally, Pharm.D., MPH—worked in the Office of the Assistant Secretary for Preparedness and Response (ASPR) within the Department of Health and Human Services (HHS) for 6 months, followed by almost 6 months in the office of Senator Joseph I. Lieberman (I-CT).

Dr. Neyarapally then served as a policy scientist in the Pharmaceutical Outcomes Research in the Center for Outcomes and Evidence at the Agency for Healthcare Research and Quality (AHRQ) and is presently a pharmacist at the Office of Surveillance and Epidemiology (OSE) within the Center for Drug Evaluation and Research (CDER) at the U.S. Food and Drug Administration (FDA).

2007–2008: Our second Pharmacy Healthcare Policy Fellow, Anna Legreid Dopp, Pharm.D., took leave from her position as a clinical assistant professor at the University of Wisconsin, School of Pharmacy to move with her husband to Washington, DC.

Dr. Legreid Dopp also worked on health care issues in the office of Senator Joseph I. Lieberman. Anna returned to Wisconsin with her husband, John, and baby, Krista, and presently serves on the pharmacy group at the Access Community Health Center, part of the Wisconsin Education Association (WEA) Trust, providing insurance and retirement and investment services to Wisconsin public school employees and their families.

2008–2010: Our third Pharmacy Healthcare Policy Fellow, Stephanie Hammonds, Pharm.D., served on the majority staff of the Senate Health, Education, Labor and Pensions (HELP) Committee under the leadership of Senator Ted Kennedy (D-MA).

Dr. Hammonds was also selected as the 2009–2010 fellow because of her strong desire to continue her contribution to the health care reform initiatives overseen by the Senate HELP Committee. Dr. Hammonds presently serves under HELP Committee Chairman Tom Harkin (D-IA).

2010–2011: Joshua P. Lorenz of Columbus, Ohio, has been named the 2010–2011 Congressional Healthcare Policy Fellow. Lorenz earned his Pharm.D. degree in 2009 from

Butler University College of Pharmacy and Health Sciences in Indianapolis. While enrolled at Butler, he also earned a master's of business administration degree. He also recently completed a PGY1 pharmacy practice residency affiliated with The Ohio State University.

Dr. Lorenz will begin his fellowship September 1, spending 1 month with the ASHP government affairs staff and 1 month with the ACCP government and professional affairs staff. In November, he will begin working as a policy fellow on Capitol Hill.

"The program had a dramatic increase in the number of qualified applicants this year," said Gary R. Matzke, a past ACCP president and the founding director of the fellow program. "The Selection Committee, composed of eight individuals from the sponsoring organizations and past fellows, was delighted with this increased interest by pharmacists in health care policy."

Applications for 2011–2012 Pharmacy Healthcare Policy Fellow Program

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

Contact Us!

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

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ACCP UPDATES IN THERAPEUTICS 2011: A NEWLY REFOCUSED SPRING MEETING

Beginning in 2011, ACCP's spring meeting will have a new name and a new focus. The name will change from Spring Practice and Research Forum to **Updates in Therapeutics**. The meeting's focus will change to emphasize preparation for specialty certification and curricular-based professional development through ACCP's Academy. The refocused meeting will offer expanded opportunities for specialty certification review, optimized scheduling for Academy programming, and new networking opportunities for all registrants.

Updates in Therapeutics 2011 will be held April 8-12, 2011, in Columbus, Ohio. Registration for the meeting will open in late October.

Ambulatory Care Pharmacy Review Course to Launch

Also new at the 2011 meeting will be the introduction of ACCP's Ambulatory Care Pharmacy Preparatory Review Course, designed to help pharmacists prepare for the specialty certification examination in ambulatory care

pharmacy. The new course will be presented in conjunction with the well-known Pharmacotherapy Preparatory Review Course. The Ambulatory Care Pharmacy course will adopt the highly effective instructional methods employed in the Pharmacotherapy course and will feature case-based instruction by nationally recognized faculty.

Concentrated Academy Programming

Another major component in the meeting schedule for **Updates in Therapeutics** is required and elective programming offered by the ACCP Academy. The new meeting schedule incorporates programming from each Academy track according to the established course schedule for each track. Each track will concentrate its programming over a 2-day period, as indicated below, to help participants save on travel time and expense.

- Research and Scholarship: April 8–9, 2011
- Leadership and Management: April 8–9, 2011
- Teaching and Learning: April 10–11, 2011
- Clinical Practice Advancement: April 10–11, 2011

The Academy curricular schedule through 2013 is available at www.accp.com/academy.

Beginning in 2011, ACCP's live scientific poster competition will be held only at the fall Annual Meeting.

PRN Focus Sessions, Business Meetings to Move to Annual Meeting

Most focus sessions—PRN-developed educational activities—will now be presented exclusively during ACCP's Annual Meeting. However, a limited number of educational slots will remain available for PRNs wishing to deliver programming during **Updates in Therapeutics**.

The PRN-hosted business meetings and networking forums, like the PRN focus sessions, will now be offered almost exclusively at the Annual Meeting. A limited number of evening slots will remain available on a space-available, first-come, first-served basis for PRNs wishing to conduct an evening business meeting during **Updates in Therapeutics**.

All-Attendee Networking Breakfasts

Each morning during **Updates in Therapeutics**, attendees will be invited to attend a complimentary Networking Breakfast hosted by ACCP. PRNs will have the opportunity to reserve a table at the breakfasts to network with current and prospective members.

ACCP Annual Meeting to Encompass Former Spring Forum Activities

The ACCP Annual Meeting will now become the exclusive venue for some scientific and educational activities that were formerly presented at the spring meeting. Student programming and activities such as the new

ACCP Clinical Pharmacy Challenge competition will be presented at the Annual Meeting. Live scientific poster and platform presentations and curricular and non-curricular programming also will be presented only at the Annual Meeting. Most PRN educational sessions as well as business meetings and networking forums will be held at the fall Annual Meeting.

Registration Opens in October 2010

For more information on **Updates in Therapeutics** as it becomes available, please visit the ACCP Web site at www.accp.com/therapeutics.

PRN MEMBERSHIP TOTALS	
<i>(As of September 13, 2010)</i>	
Practice and Research Networks	Members
Ambulatory Care	1,251
Adult Medicine	861
Cardiology	885
Clinical Administration	277
Central Nervous System	154
Critical Care	1,473
Drug Information	255
Education and Training	335
Emergency Medicine	294
Endocrine and Metabolism	212
Geriatrics	250
GI/Liver/Nutrition PRN	147
Health Outcomes	154
Hematology/Oncology	519
Immunology/Transplantation	283
Infectious Diseases	1,395
Nephrology	187
Pain and Palliative Care	265
Pediatrics	549
Pharmaceutical Industry	261
Pharmacokinetics/Pharmacodynamics	136
Women's Health	160
Total PRN Membership	10,303

UPDATED PRN CALENDAR, HANDBOOK, AND CONTACT INFORMATION NOW AVAILABLE

Click [here](#) for the 2010-2011 PRN Handbook and calendar information.

For more information about a specific PRN, please contact the individuals below:

Adult Medicine:	Lindsay M. Arnold, Pharm.D., BCPS
Ambulatory Care:	Mitzi Wasik, Pharm.D., BCPS
Cardiology:	Sheryl L. Chow, Pharm.D., BCPS (AQ Card)
Central Nervous System:	Michele Y. Splinter, Pharm.D., BCPS
Clinical Administration:	Herbert G. Mathews III, Pharm.D.
Critical Care:	Ty H. Kiser, Pharm.D., BCPS
Drug Information:	Cathy H. Turner, Pharm.D.
Education and Training:	Sandra Benavides, Pharm.D.
Emergency Medicine:	Pamela Lada Walker, Pharm.D., BCPS
Endocrine and Metabolism	Dawn E. Havrda, Pharm.D., FCCP, BCPS
Geriatrics:	Joseph P. Vande Griend, Pharm.D., BCPS
GI/Liver/Nutrition:	Brian A. Hemstreet, Pharm.D., BCPS
Health Outcomes:	Rolin L. Wade, RPh, M.S.
Hematology/Oncology:	Deborah A. Hass, Pharm.D., BCOP
Immunology/Transplantation:	Kimi R. Ueda Stevenson, Pharm.D.
Infectious Diseases:	Vanthida Huang, Pharm.D., BSPHarm
Nephrology:	Thomas D. Nolin, Pharm.D., Ph.D.
Pain and Palliative Care:	Michele L. Matthews, Pharm.D.
Pediatrics:	Katherine P. Smith, Pharm.D., BCPS
Pharmaceutical Industry:	Liza Takiya, Pharm.D., BCPS, CDE
Pharmacokinetics/ Pharmacodynamics:	Julie H. Oestreich, Pharm.D., Ph.D.
Women's Health:	Alicia B. Forinash, Pharm.D., BCPS