

ACCP Report

American College of Clinical Pharmacy

Michael S. Maddux, Pharm.D., FCCP; Executive Director

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Bates, Murphy, Rotschafer, and Wittkowsky to Receive ACCP Honors

David Bates, M.D., M.Sc.; John Murphy, Pharm.D., FCCP; John Rotschafer, Pharm.D., FCCP; and Ann Wittkowsky, Pharm.D., FCCP, CACP, have been selected by the College's Awards Committee to receive the association's prestigious 2012 Therapeutic Frontiers Lecture, Education, Russell R. Miller, and Clinical Practice Awards, respectively. The awards will be presented in Hollywood, Florida, on Sunday morning, October 21, during the Opening General Session of the College's 2012 Annual Meeting.

The ACCP Therapeutic Frontiers Lecture Award recognizes an individual, including ACCP member and nonmember nominees, who has made outstanding contributions to pharmacotherapeutics in his or her field. Among the criteria for this award is the broad acknowledgment that the recipient is currently considered at the leading



David Bates,
M.D., M.Sc.

edge of research in the field. David W. Bates is chief quality officer and senior vice president, Brigham and Women's Hospital; chief, Division of General Internal Medicine, Brigham and Women's Hospital; and medical director of Clinical and Quality Analysis, Partners Healthcare, Boston, Massachusetts. He is well known internationally for his work in medication error prevention and patient safety. One of Dr. Bates' nominators captured very well the reasons he was selected for this award,

It is literally impossible to search for contemporary biomedical literature related to clinical decision support (CDS), computerized provider order entry (CPOE), or electronic health records (EHR) without identifying myriad seminal publications authored by Dr. Bates and his collaborators. Indeed, he and

his research group are responsible for more than 300 peer-reviewed publications. In the mid-1990s, Dr. Bates was one of the first investigators in the world to report critical evaluations of CPOE. Many of his papers document the ability to use technology to prevent medication errors and their related adverse effects. David has routinely used pharmacists as key members of the health care team to implement clinical programs and conduct clinical research.

Dr. Sheryl Herner, chair of the 2011 Organizational Affairs Committee, which nominated Dr. Bates for this award, wrote in her nomination letter,

Dr. Bates is perhaps the single best-recognized researcher in the field of CDS. For more than two decades, he has been involved in key research aimed at improving the clinical use of drugs, both in the acute care and ambulatory care settings. Moreover, Dr. Bates has extensively and consistently collaborated with clinical pharmacists to collect, analyze, and disseminate important data related to the prevention of adverse drug events.

Dr. Bates is currently the external program lead for research in the World Health Organization's Global Alliance for Patient Safety. He is also president-elect of the International Society for Quality in Healthcare (ISQua) and serves as an associate editor of the *Journal of Patient Safety*. He has been elected to the Institute of Medicine, the American Society for Clinical Investigation, the Association of American Physicians, and the American College of Medical Informatics, and he was chairman of the Board of the American Medical Informatics Association. He is credited with more than 600 peer-reviewed publications. Dr. Bates' lecture, titled "The Effects of the Electronic Revolution on Therapeutics," will be delivered at 7:45 a.m. at the beginning of Sunday's Opening General Session.

The Education Award recognizes an ACCP member who has made substantial and outstanding

contributions to clinical pharmacy education at either the undergraduate or the postgraduate level. John E. Murphy, Pharm.D., is professor of pharmacy practice and science and associate dean for Academic and Professional Affairs at the College of Pharmacy, as well as professor of Clinical, Family and Community Medicine at the College of Medicine at the University of Arizona in Tucson. He is also an honorary professor at the University of Otago School of Pharmacy in Dunedin, New Zealand. Letters written by colleagues in support of Dr. Murphy's nomination speak to his dedication to pharmacy education. Dr. Lyle Bootman, dean and professor at the University of Arizona College of Pharmacy, wrote in his letter of support,



John Murphy,
Pharm.D., FCCP

[Dr. Murphy] is one of the few faculty members who volunteers at all levels of the college and university to enhance our educational programs.... I have been most impressed with his efforts to understand the potential for teaching Pharm.D. students about the research process. This has also been an important part of his career over many years. His longitudinal work documenting research training in US Colleges and Schools of Pharmacy has been valuable in promoting these activities.... As all ACCP members should know, Dr. Murphy has been a key player on important committees that created ACCP statements on the role of residencies in the development of clinical pharmacists and the advancement of specialty recognition as a core demonstration of quality and knowledge. He has promoted the necessity of attaining a residency prior to entering clinical practice in a wide variety of venues and helps keep this message at the front of profession.

Dr. Brian Erstad, in his letter of nomination, commented on Dr. Murphy's commitment to interprofessional education, a subject that has emerged as one of the awardee's major interest areas,

Dr. Murphy has served since 2003 as a core member and the College of Pharmacy's representative on the University of Arizona Health Sciences Center Interprofessional Working Group. This team, consisting of representatives from medicine, public health and nursing, develops major interprofessional events through the year that bring together hundreds of students from the above colleges as well

as law and social work. The events are designed to improve teamwork in the care of patients. A number of these activities have resulted in publications and national presentations at scientific and professional meetings.

Dr. Murphy is a member of the American Society of Health-System Pharmacists (ASHP) Commission on Credentialing (COC)—the body that sets the standards for and accredits the pharmacy residency and technician training programs in the United States. He is also a past president of ACCP, having served on the ACCP Board of Regents from 2007 until 2010. In addition, he served as president (1997–1998) and member of the Board of Directors (1994–1999) of the American Society of Health-System Pharmacists (ASHP) and as president of the Georgia Society of Hospital Pharmacists. He has been awarded fellow status in three organizations—ACCP, the American College of Clinical Pharmacology, and ASHP. Dr. Murphy has published more than 200 papers and four editions of the textbook titled *Clinical Pharmacokinetics*. He was codirector from 2000 to 2005 of the Arizona Clinical Research Training Program (AzCRTP), an NIH K30 Clinical Research Curriculum Award. His research interests include the prevention of drug-drug interactions, pharmacy education, and clinical pharmacokinetics.

Russell R. Miller was the founding editor of the College's journal, *Pharmacotherapy*. The Russell R. Miller Award is presented in recognition of substantial contributions to the literature of clinical pharmacy, thereby advancing both clinical pharmacy practice and rational pharmacotherapy. John C. Rotschafer, Pharm.D., FCCP, is



John Rotschafer,
Pharm.D., FCCP

professor (tenured) and former chair in the Department of Experimental and Clinical Pharmacology, where he directs the Antibiotic Pharmacodynamic Research Institute. Dr. Rotschafer has supervised the postdoctoral training of 22 fellows and been awarded fellowship grants in infectious diseases three times by the American College of Clinical Pharmacy and twice by the American Society of Hospital Pharmacists. He has been the author of more than 150 journal publications, has made more than 30 book contributions, and has more than 100 scientific abstracts. His primary professional interests are in the areas of antibiotic pharmacokinetics, pharmacodynamics, antibiotic resistance, and

infectious diseases. In her letter of nomination, Dr. Elizabeth Hermsen focused on both the significance and sustained nature of Dr. Rotschafer's contributions to the scientific literature,

His first publication occurred 1978, during his post-doctoral fellowship, and the most recent this year, clearly demonstrating a sustained record of excellence in the professional literature. Dr. Rotschafer has published in a number of highly-regarded journals.... Notably, Dr. Rotschafer's research and publications shape much of what we know today about the pharmacokinetics, pharmacodynamics, and dosing of vancomycin, aminoglycosides, and fluoroquinolones. Moreover, John is one of few investigators to use an anaerobic chamber to conduct *in vitro* pharmacodynamic modeling, which has resulted in important information about differences in antibacterial pharmacodynamics in an anaerobic environment and against mixed infections.

Dr. Keith Rodvold from the University of Illinois College of Pharmacy also highlighted the sustained nature of Dr. Rotschafer's scholarship in his letter of recommendation,

Early in his career, the majority of his publications focused on the clinical pharmacokinetics of aminoglycosides and vancomycin. Dr. Rotschafer's pivotal and noteworthy manuscripts in major medical journals such as *JAMA* and *Antimicrobial Agents and Chemotherapy* established the importance of therapeutic drug monitoring, comparison in dosing methods, and differences in assay methodologies for these agents. His initial research in the 1980s and early 1990s has had a major impact on dosing strategies of vancomycin.... During the past 15 years, Dr. Rotschafer has established and maintained an anti-infective research laboratory to conduct translational research at the bench in an effort to answer clinical questions from the bedside. His *in vitro* model has allowed the evaluation of comparative pharmacokinetic-pharmacodynamic studies of anti-infective agents under aerobic and anaerobic conditions. In addition, Dr. Rotschafer has generously provided guidance and assistance to clinical pharmacists trying to establish similar *in vitro* models at their own research laboratories.

Finally, Professor Michael Rybak from Wayne State College of Pharmacy and Health Sciences commented on Dr. Rotschafer's qualifications for this award,

Although John has many outstanding and well-cited publications in the field of antimicrobial pharmacokinetics and pharmacodynamics, he is probably best known for his clinical and *in vitro* work on vancomycin and the fluoroquinolone antibiotics. In fact, it is John's vast and extensive expertise on vancomycin that made him the perfect choice for committee membership and authorship on each of the newly revised vancomycin dosing and monitoring guidelines developed by ASHP, the Infectious Diseases Society of America, and the Society of Infectious Diseases Pharmacists. It is papers like these that have profound effect on clinical pharmacy practice and are highly impactful on the care of our patients.

Dr. Rotschafer has served on the editorial board for *Antimicrobial Agents and Chemotherapy*, *Diagnostic Microbiology and Infectious Diseases*, *Journal of Infectious Disease Pharmacotherapy*, *Pharmacoeconomics: Infectious Diseases*, *Annals of Pharmacotherapy*, and *Pharmacotherapy* (guest editor). He has also made more than 35 contributions to various textbooks related to infectious diseases, including *Pharmacotherapy: A Pathophysiologic Approach*. In 1989, he was recognized as a fellow in the American College of Clinical Pharmacy.

The ACCP Clinical Practice Award is given to a College member who has made substantial and outstanding contributions to clinical pharmacy practice. The criteria considered in identifying potential candidates include exceptional leadership in developing innovative clinical pharmacy services and sustained excellence in providing them. Ann K. Wittkowsky, Pharm.D., FCCP, FASHP, CACP, is a clinical professor of pharmacy at the University of Washington School of Pharmacy and director of Anticoagulation Services at the University of Washington Medical Center. As a clinician and educator in the field of antithrombotic pharmacotherapy, she has contributed extensively to the care of patients and the education of health care providers regarding antithrombotic pharmacotherapy. She is the author of more than 100 scientific papers, book chapters, and abstracts and is coeditor of the textbook *Managing Oral Anticoagulation Therapy: Clinical and Operational Guidelines*. She has lectured widely throughout the United States and Canada, maintains an active clinical research program,



Ann Wittkowsky,
Pharm.D., FCCP,
CACP

and is board certified as an anticoagulation care provider. In recommending Dr. Wittkowsky for the Clinical Practice Award, Dr. Edith Nutescu wrote in her letter of nomination,

Dr. Wittkowsky has long established herself as a clinician leader in the field of anticoagulation and cardiovascular thrombosis. Her contributions to our profession and the management of patients with thrombotic disorders have been exemplary, impacting practice patterns and patient care not only in the U.S. but also abroad. Dr. Wittkowsky is highly respected by her peers and often consulted for guidance on patient care issues. She has been instrumental in developing numerous practice guidelines and protocols for anticoagulation management which have been utilized by practitioners throughout the nation to guide implementation of their own clinical services. The practice website (<http://uwmcacc.org/>) that she established at University of Washington is referred to not only by practitioners but also by national regulatory and quality groups such as The Joint Commission and The National Quality Forum.

Dr. Henry Bussey, professor at the University of Texas and president and senior editor of ClotCare.org, wrote in his letter of support,

For over two-decades, Dr. Wittkowsky has been an exemplary clinician and a true ambassador for clinical pharmacy. She has combined her experience in developing a well-known and highly respected patient care service at the University of Washington with an excellent program in applied clinical research. Her outstanding ability to make complex issues easy to understand has allowed her to be an outstanding speaker at numerous medical and pharmacy meetings. Such presentations are always top notch and among the best presentations I've heard.

Dr. Wittkowsky serves as an editorial board member for *Pharmacotherapy* and the *Journal of Thrombosis and Thrombolysis*, a reviewer for several medical and scientific journals, and a member of the board of directors of The Anticoagulation Forum, a multidisciplinary organization of anticoagulation care providers. She has been director of the Northwest Anticoagulation Consortium and preceptor for the ASHP Research and Education Foundation's Antithrombotic Pharmacotherapy Traineeship; she has served on the

Board of Regents of the American College of Clinical Pharmacy, the Board of Directors of *Pharmacotherapy*, and the National Certification Board of Anticoagulation Providers. Dr. Wittkowsky was a member of the American College of Chest Physician's 8th Conference on Antithrombotic and Thrombolytic Therapy and an author for the ninth edition of these guidelines.

Should Organized Clinical Pharmacy Promote a Consistent Process of Patient Care Provided by Clinical Pharmacists That Could Apply to Any Clinical Practice Setting?

Part IV: A Model for Discussion by the Clinical Pharmacy Discipline

2012 ACCP Public and Professional Relations Committee^a

Editor's note: This is the final installment of a multipart commentary prepared expressly for the May through September 2012 issues of the ACCP Report.

This is the final installment of our series of commentaries exploring a uniform patient care process for clinical pharmacy that can be implemented in any practice setting. Part I set the stage for the series by providing background discussion of this issue. Part II included a table summarizing five currently recognized models of clinical pharmacy practice. Part IIIa discussed the strengths, weaknesses, similarities, and differences of the current models and their applicability to different practice settings. The most recent installment, part IIIb, presented two patient cases in different practice settings to demonstrate the practical application of each of the five models.

We have recommended that a uniform model of clinical pharmacy practice be defined and that the process include steps that occur *every time* a clinical pharmacist encounters a patient, no matter the setting, condition(s), or medications. We also believe the model should be easy to explain and understand, practical to implement, measurable, codeable (for documentation and payment purposes), and researchable. Health professionals, payers, patients and their families/caregivers, and the public should be able to understand this process and thereby come to know what the clinical pharmacist does to contribute to the optimization of

patient outcomes. Clinical pharmacists should be able to implement the model easily and document their contributions to patient care in a reasonable time.

Recommendations

As a committee, we sought to identify a model that we believed would meet these criteria. We critically reviewed five existing clinical pharmacy models: pharmaceutical care practice, medication therapy management (MTM), comprehensive medication management in the patient-centered medical home from the Patient-Centered Primary Care Collaborative (CMM), Society of Hospital Pharmacists of Australia Standards of Practice for Clinical Pharmacy (SHPA), and *individualized* Medication Assessment and Planning (iMAP). All the models reviewed have excellent characteristics in their own right, and many met most of the criteria. However, we were charged by the ACCP President to eventually recommend to the Board of Regents a single model for consideration and discussion. This model could be an existing model, a new model, or a hybrid of the patient care processes discussed above. The committee will arrive at a final recommendation for the Board of Regents based on its own analyses, together with input from ACCP member clinical pharmacists. This recommendation will be published in a forthcoming white paper.

Therefore, although several of the models reviewed hold promise, the committee has recommended that ACCP await additional data and input from clinical pharmacists regarding each of the practice models reviewed before considering endorsement of a specific process of care to guide clinical pharmacist practice.

We Need to Hear from You!

From this series of commentaries, the committee seeks to initiate an open discussion among clinical pharmacists regarding which model (if *any*) should be promoted by organized clinical pharmacy as a consistent process of patient care in every clinical practice setting. Several of the models discussed in these commentaries are very similar, and each has individual strengths, weaknesses, and differences in applicability across practice settings. To begin soliciting input on the viewpoint of rank-and-file clinical pharmacists, the committee has developed an ACCP member survey to gather opinions on this important issue. A link to this survey will be distributed by e-mail in mid-September to all non-trainee and non-student ACCP members

to gain as much insight as possible from established, experienced clinicians. We ask those who receive the survey to please cast their vote on the model that they feel meets the requisite criteria and that can be readily implemented in any practice setting; or to express other opinions on this issue.

If you are planning to be at next month's 2012 ACCP Annual Meeting in Hollywood, Florida, be sure to attend the meeting's Keynote Address and Town Hall session. The Keynote Address, titled "Advancing a Comprehensive and Consistent Practice for Clinical Pharmacists—The Future Is Now," will take place on Sunday, October 21, from 8:15 a.m. to 10:00 a.m., in Great Hall 3 of the Westin Diplomat Hotel. A panel of experts from a broad variety of professional settings will discuss this important topic. The Business and Town Hall Meeting will be held Sunday afternoon from 2:30 p.m. to 4:45 p.m. During the Town Hall Meeting, results from the member survey discussed above will be presented, together with a presentation by Terry McInnis, M.D., MPH, FA-COEM, who will provide a physician's perspective on clinical pharmacist practice. In addition, attendees will be invited during the Town Hall Meeting to voice their opinions on the issue of adopting a consistent clinical pharmacist process of care. We anticipate that a large number of clinical pharmacists will attend this session and participate in what should be a lively discussion.

ACCP member comments and feedback are vital to the success of ACCP and to the viability of the clinical pharmacy discipline. Indeed, as ACCP President Larry Cohen has pointed out in his recent columns in the ACCP Report, we have clearly defined WHO we are, in terms of education, training, and clinical experience. However, we must now better define, demonstrate, and communicate the specifics of WHAT we do. By embracing a comprehensive and consistent model for clinical pharmacy practice, our discipline will have the opportunity to position the clinical pharmacist as an essential part of our future health care system.

^aCommittee members: Ila Harris (chair), Beth Phillips (vice chair), Eric Boyce, Sara Griesbach, Charlene Hope, Denise Sokos, and Kurt Wargo.

References

1. American College of Clinical Pharmacy. *The definition of clinical pharmacy*. *Pharmacotherapy* 2008;28:816–7.
2. Patient-Centered Primary Care Collaborative Resource Guide: *The Patient-Centered Medical Home: Integrating Comprehensive Medication Management to Optimize Patient Outcomes*. Available at www.pcpcc.net/files/medmanagement.pdf. Accessed September 4, 2012.

ACCP Addresses Advancing a Comprehensive and Consistent Practice During 2012 Annual Meeting Keynote

Join ACCP on Sunday, October 21, during the Opening General Session of the 2012 ACCP Annual Meeting in Hollywood, Florida, for the Keynote Address, titled “Advancing a Comprehensive and Consistent Practice for Clinical Pharmacists—The Future Is Now.” In a unique, multi-presenter keynote session, ACCP and its members will be challenged to examine the needs, expectations, and opportunities in an evolving health care system that increasingly demands patient-centered, coordinated, comprehensive, high-quality, and cost-effective care.

Led by Dr. Linda Strand, the vice president of Professional Services for Medication Management Systems, Inc., and moderated by Dr. Edwin Webb, ACCP’s associate executive director, this presentation will examine the critical importance of a comprehensive and consistent professional practice for clinical pharmacists in meeting the demands of a reformed health care system, followed by perspectives from an administrator and clinician, education and patient care practice innovator, and health services researcher. The four presenters for the keynote session are:



Dr. Linda Strand, a Remington Honor Medalist and one of the profession’s most thoughtful and respected leaders in pharmacy practice and education innovation for 3 decades.

Dr. Curt Haas, president-elect of ACCP, will offer perspectives in his capacity both as the incoming president of ACCP and as an administrator/clinician in an academic health center setting.



Dr. Melissa Somma McGivney will offer the perspective of an educator and patient care practice innovator.

Dr. Mary Roth McClurg, treasurer of the ACCP Research Institute Board of Trustees, will offer perspectives as a health services researcher.



Don’t miss out on this innovative presentation at the 2012 ACCP Annual Meeting. To register for the meeting, go to www.accp.com/am. Online registration ends October 5, 2012.

ACCP’s Clinical Reasoning Series Programs Tackle National Health Concerns and Offer Specialty Recertification Credit

Clinical Reasoning Series



Antimicrobial resistance and diabetes mellitus represent two national and international health problems. ACCP’s Clinical Reasoning Series programs, to be offered in conjunction with the 2012 Annual Meeting, will discuss the challenges faced with both and offer the clinical pharmacist strategies to manage them by providing evidence-based, safe, and cost-effective services.

From Theory to Bedside: Clinical Reasoning Series and From Theory to Practice: Clinical Reasoning Series in Ambulatory Care Pharmacy are approved by the Board of Pharmacy Specialties for the recertification of the Board Certified Pharmacotherapy Specialist (BCPS) and the Board Certified Ambulatory Care Pharmacist (BCACP), respectively. Both programs will be offered Saturday, October 20, 2012. Each program will provide 6.0 CPE credit hours that can be used toward pharmacy specialty recertification. To be eligible for recertification credits, the specialist must attend the pertinent live program and successfully complete the Web-based post-test for that program by November 30, 2012.

From Theory to Bedside: Clinical Reasoning Series and From Theory to Practice: Clinical Reasoning Series in Ambulatory Care Pharmacy are approved by the Board of Pharmacy Specialties for the recertification of the Board Certified Pharmacotherapy Specialist (BCPS) and the Board Certified Ambulatory Care Pharmacist (BCACP), respectively. Both programs will be offered Saturday, October 20, 2012. Each program will provide 6.0 CPE credit hours that can be used toward pharmacy specialty recertification. To be eligible for recertification credits, the specialist must attend the pertinent live program and successfully complete the Web-based post-test for that program by November 30, 2012.

“Antimicrobial Resistance: Prevention and Management Strategies,” designed for the BCPS, will include the following sessions:

- Antimicrobial Resistance: Mechanisms and Emerging Patterns
- Genomics: Strategies Against Resistance Development and Therapeutic Implications
- Methicillin-Resistant *Staphylococcus aureus*: Microbiology and Clinical Evidence
- Vancomycin-Resistant *Enterococcus* Infections: Microbiology and Clinical Evidence
- *Clostridium difficile* Infections: Microbiology and Clinical Evidence
- Antimicrobial Stewardship: Lessons Learned and New Opportunities
- Formulary and Pharmacoeconomic Considerations

“New and Emerging Therapies for the Management of Type 2 Diabetes Mellitus,” designed for the BCACP, will include the following sessions:

- The Science of Diabetes Medications
- New and Emerging Antidiabetic Agents—Scientific and Clinical Evidence
- Management Guidelines—Integrating New Therapeutic Strategies
- Medication Safety—Clinical Considerations and Impact on Health Care
- Formulary and Pharmacoeconomic Considerations
- Pharmacist Services—Patient Outcomes and Best Practices

More information about the antimicrobial resistance program, including target audience, CPE and BCPS recertification credit, learning objectives, agenda, program faculty, and registration, may be found at <http://www.accp.com/announcements/crsph.aspx>. More information about the diabetes mellitus program, including target audience, CPE and BCACP recertification credit, activity goals, agenda, program faculty, and registration, may be found at <http://www.accp.com/announcements/crsam.aspx>.

Get More from Your Meeting—Check Out the Presymposia Offered in Florida



Get more from your Annual Meeting experience by attending the premeeting symposia on Saturday, October 20, the day before the 2012 ACCP Annual Meeting officially gets under way.

The premeeting symposia are designed to provide attendees with highly interactive, hands-on experience in a small classroom setting, led by a group of highly qualified faculty.

ACCP Academy Programming

The foundational prerequisite courses for the Teaching and Learning program and the Career Advancement program will be offered as premeeting symposia

on Saturday, October 20. Also offered during the premeeting symposia will be a required course for the Research and Scholarship program.

The Career Advancement Primer is the required prerequisite course for the ACCP Academy Career Advancement Certificate. The primer is a full-day course designed to provide a framework for developing a strategic plan in your professional advancement. Clinical pharmacy professionals from successful clinical practices will share strategies to justify your clinical services, engage in your own professional development, and cultivate productive relationships in team and collaborative patient care environments.

Basic Training for New Clinical Faculty and Preceptors serves as the required prerequisite course for the ACCP Academy Teaching and Learning Certificate Program. Designed to provide a foundation for faculty and preceptors beginning their careers, this full-day course engages participants in thoughtful discussions and small group exercises. As one of ACCP's best-received educational courses, Basic Training successfully builds young academicians' base knowledge in planning, implementing, and assessing student learning.

Regulatory/Ethical Issues is a ½-day course that serves as required module 3 in the ACCP Academy Research and Scholarship Certificate Program. This session addresses the operational and ethical issues associated with developing and directing clinical research. Attendees can expect up-to-the-minute perspectives on human subjects' protection, informed consent, HIPAA, IRBs, and cultural competency. The highly experienced faculty will lead interactive discussions about recognizing author responsibilities, managing misconduct allegations, and navigating the IRB. The course integrates case studies that focus on ethical, legal, and social issues. Also discussed are budget management, quality control processes, and appropriate data management to ensure data integrity.

Premeeting symposia developed by the ACCP Academy are required components of each respective ACCP Academy Certificate Program; however, interested attendees need not be enrolled in the ACCP Academy to participate.

Student Programming

Designed exclusively for students, the Career Development Symposium is a 2-hour meeting designed to help students reach their professional goals. This dynamic session will offer student attendees the

opportunity to gain perspectives from a panel of professionals representing academia, administration, clinical specialty, and the pharmaceutical industry.

To obtain complete information on this fall's presymposia and secure your seat in one of these interactive programs, visit www.accp.com/am. A separate registration fee is required to attend the presymposia sessions. There is still time to save—register before October 5 to take advantage of discounted late registration rates.

ACCP's Residency and Fellowship Forum Connects Preceptors and Program Directors with Potential Candidates

ACCP's Residency and Fellowship Forum is designed to connect preceptors and program directors with prospective candidates seeking 2013–2014 residency and fellowship positions. The Residency and Fellowship Forum will be held on Monday, October 22, from 8:00 a.m. to 10:00 a.m., during the 2012 ACCP Annual Meeting in Hollywood, Florida.

The Residency and Fellowship Forum provides preceptors and program directors an effective way to promote their programs and interview candidates who are seeking to take the next step in their training. ACCP's online database of applicants will give registered preceptors and program directors the ability to view candidate resumes and contact potential applicants before the 2012 Annual Meeting. Preceptors and program directors interested in participating must have at least one current residency or fellowship position posted on ACCP's [Online Position Listings](#) and must register to attend the 2012 ACCP Annual Meeting.

Applicants are encouraged to get a head start on identifying their next position by taking advantage of this early opportunity to meet face-to-face with the preceptors and directors of the programs in which they are interested. Registered applicants will receive access to online program listings before the meeting, including available fellowships and PGY1 and PGY2 residency positions. Applicants interested in participating must post their [applicant profile online](#) and register for the 2012 ACCP Annual Meeting.

Start your search early by registering for the ACCP Residency and Fellowship Forum. Visit www.accp.com/am to obtain more information about this year's ACCP Residency and Fellowship Forum and to register for the Annual Meeting. Contact Zangi Miti at zmiti@accp.com for questions.

Enroll Now and Attend ACCP Academy Prerequisites Offered at the 2012 ACCP Annual Meeting



Plan now to attend ACCP Academy programming at the 2012 ACCP Annual Meeting, October 21–24, in Hollywood, Florida. The foundational prerequisite course for the Teaching and Learning program, Basic Training, and the Career Advancement program—the Career Advancement Primer—will be offered as premeeting symposia on Saturday, October 20. Also offered during the premeeting symposia is a required course for the Research and Scholarship program, Regulatory/Ethical Issues. A separate registration fee is required to attend the presymposia sessions.

Additional programming will be presented throughout the Annual Meeting for each Academy track, including the fourth track, Leadership and Management. Academy programming presented during the Annual Meeting, October 21–24, is included in the Annual Meeting registration fee.

The ACCP Academy provides four unique professional development programs leading to certificates of completion in Career Advancement, Leadership and Management, Research and Scholarship, and Teaching and Learning. ACCP Academy programming will include both required modules and elective courses, according to pre-established course schedules. An abbreviated schedule of Academy programming, both presymposia and programming embedded within the Annual Meeting, is summarized below.

ACCP Annual Meeting Academy Schedule		
Academy	Courses	Schedule
Career Advancement	Career Advancement Primer (prerequisite)*	October 20
	Education and Training PRN Focus Session—Residency Program Director Development: Survival Skills for New Directors (elective)***	October 22
	Clinical Career Advancement, Part I	October 22
	Clinical Career Advancement, Part II	October 23
	Enhancing Clinical Outcomes Through Application of the Breakthrough Model of Performance Improvement (elective)	October 23
Teaching and Learning	Basic Training for New Clinical Faculty and Preceptors (prerequisite)*	October 20
	Reflective Writing as a Teaching Strategy (elective)	October 22
	Implementing Teaching and Learning Strategies	October 22
	Learning Crisis: Helping APPE Students to Be Effective in Difficult Situations (elective)	October 23

ACCP Annual Meeting Academy Schedule		
Academy	Courses	Schedule
Research and Scholarship	Regulatory/Ethical Issues*	October 20
	Curricular Track II: Developing New Corridors to Grow the Future of Pharmacy—Clinical Pharmacy Research – Addressing Everyday Challenges (elective)**	October 22
	Basics of Clinical Research	October 22
	Pharmaceutical Industry PRN Focus Session: Rationale for and Application of Novel Trial Design in Clinical Research (elective)***	October 23
Leadership and Management	Life Balance and Well-being (elective)	October 22
	Education and Training PRN Focus Session—Residency Program Director Development: Survival Skills for New Directors (elective)***	October 22
	Personal Leadership Development	October 23
	The Attributes of a Leader	October 24

* Offered as presymposia. Separate registration required.
 ** Developed by the 2012 Annual Meeting Program Committee and approved for elective credit.
 *** Developed by an ACCP Practice and Research Network and approved for elective credit.

For a full programming schedule, consult the ACCP Web site at www.accp.com/am. To register for the 2012 ACCP Annual Meeting and make hotel reservations, visit www.accp.com/am. There is still time to save—the late registration deadline is October 5, 2012.

To learn more about each certificate program and download a program application, visit the ACCP Academy Web page at www.accp.com/academy. A one-time application fee of \$150.00 (to offset expenses for online portfolio maintenance) will be charged upon enrollment in the certificate program.

Attention Students: Want to Maximize Your Ability to Secure a Residency Position? Attend a Unique ACCP Program for First-, Second-, and Third-Year Students



Are you planning to complete a residency after graduation? You probably know that of the more than 4200 applicants who participated in the ASHP Resident Matching Program in 2012, around 38% did not match with a program.¹ As competition among residency applicants continues to increase, it is important that students know the type of candidates that residency programs look for and learn the steps that can be taken

now to distinguish themselves from the crowd.

Make plans now to join ACCP in Hollywood, Florida, this October for an informative and interactive program titled “Emerge from the Crowd: How to Become a Standout Residency Candidate.” This unique program is designed to help first-, second-, and third-year pharmacy students maximize their ability to secure a residency position upon graduation.

Students attending this exciting program will receive 7 hours of interactive programming on Friday, October 19, 2012, at the Westin Diplomat Resort. Additional student programming and the Clinical Pharmacy Challenge will be held on Saturday and Sunday at the ACCP Annual Meeting in the same location.

Students will learn from experts in the field of clinical pharmacy about the steps that they can take now to rise above the competition when applying for a residency during their final academic year. Topics include maximizing classroom and experiential education, networking, getting involved in professional organizations, developing leadership skills, developing CVs and portfolios, and engaging in scholarly activity. Attendees will also have the opportunity to sit down face-to-face with current residents and residency program directors to gain from their perspectives and advice during a special roundtable session.

Registration is now open. For more information, visit www.accp.com/stunet.

1. American Society of Health-System Pharmacists. ASHP Resident Matching Program, 2012. Available at www.natmatch.com/ashprmp/. Accessed July 30, 2012.

President’s Column



Lawrence J. Cohen, Pharm.D., FCCP, BCPP

Completing My Presidential Term: The Who, the What, and a Fork in the Road

It is hard for me to believe that my year as president of ACCP is coming to an end. We have accomplished so much this year, yet there is still important work to be done. This is a critical time for clinical pharmacy as we seek to secure our position as members of the health care delivery team during this time of rapid evolution of the health care system. I’ve previously addressed the *Who* and the *What* related to clinical pharmacists’ qualifications and their role as providers of direct patient care within the health care team.

Last year, I charged the Public and Professional Relations Committee to answer the question, “Should organized clinical pharmacy promote a consistent process of patient care provided by clinical pharmacists that could be applied to any clinical practice setting?” This issue of the *ACCP Report* contains the final installment of the series of commentaries from this committee. And the committee’s response to its charge brings us to a metaphoric fork in the road: define a single process of care and commit to it *or* continue to provide a variety of clinical pharmacy services on a relatively inconsistent, ad hoc basis. You’ll recall that Yogi Berra said, “When you come to a fork in the road, take it!” But Yogi also said, “If you don’t know where you are going, you might end up someplace else.” Well, before we end up “someplace else,” we need your input and perspectives on the question I posed above and the committee’s analysis of this question. Toward that end, attendees at next month’s 2012 ACCP Annual Meeting are invited to join us for two very important sessions on Sunday, October 21, in Hollywood, Florida. First, hear a “call to arms” delivered by the Keynote Address, “Advancing a Comprehensive and Consistent Practice for Clinical Pharmacists—The Future Is Now.” This keynote will feature a series of presentations and a lively discussion among a distinguished panel of experts from a variety of practice settings. The session will be moderated by C. Edwin Webb, Pharm.D., MPH, ACCP’s Associate Executive Director and Director of Government and Professional Affairs. The discussants will be Linda Strand, Pharm.D., Ph.D.; Curtis Haas, Pharm.D.,

FCCP, BCPS; Melissa Somma McGivney, Pharm.D., FCCP; and Mary Roth McClurg, Pharm.D., MHS, FCCP. Second, during the Annual ACCP Business and Town Hall Meeting, 2012 Public and Professional Relations Committee Chair Ila Harris, Pharm.D., FCCP, will share the results of the committee’s forthcoming member survey on a clinical pharmacy practice model. Also during the Town Hall Meeting, Terri McInnis, M.D., MPH, FA-COEM, will share her insights from a physician’s perspective regarding the critical roles of clinical pharmacists during this time of rapid evolution in health care. Dr. McInnis serves as a co-lead of the Medication Management Task Force for the Patient-Centered Primary Care Collaborative (PCPCC). The most important component of this year’s Town Hall Meeting will be the opportunity for ACCP members to provide their opinions on the survey results and whether the College should embrace a single, consistent process of patient care provided by clinical pharmacists. Please plan to attend this important session and let your voice be heard.

I want to note the accomplishments of many of our other 2012 committees and task forces. It will be clear in the next few months how the work of this year’s committees and task forces pertains to the ACCP strategic plan, in general, and the Keynote Address and Town Hall Meetings, in particular. The Committee and Task Force activities will result in several additional commentaries, white papers, and reports. Compiled below are some of the 2012 committee and task force charges that either have been completed or are near completion:

Committee/ Task Force	Charge Deliverables
Certification Affairs Committee	A set of “ACCP guidelines” articulating the desired professional development pathways for clinical pharmacists (e.g., postgraduate training, certification, recertification, or other mechanisms to demonstrate maintenance of competence)
Clinical Practice Affairs Committee	An ACCP white paper, with input from other stakeholder organizations, which articulates the need for PGY2-trained clinical specialists within the health care system. The paper should address the integrated practice model that has grown out of the ASHP Pharmacy Practice Model Initiative (PPMI) and its potential impact on the growth and development of future clinical specialists and specialties
Educational Affairs Committee	An ACCP position statement that (1) articulates the relationship between the educational outcomes of the professional degree program in pharmacy and the clinical proficiency needed to enter residency training and (2) discusses the differences between entry-level degree competencies and post-residency competencies, calling on schools and colleges to evolve toward a system whereby Pharm.D. program outcomes are designed to prepare graduates for entry to PGY1 residency training
Public and Professional Relations Committee	Address the question, “Should organized clinical pharmacy promote a consistent, standardized process of patient care provided by clinical pharmacists that could apply to any clinical practice setting?” Calling on previously published and otherwise accepted care processes used by clinical pharmacists that have been described in the literature, the committee is asked to prepare a variety of communication pieces to place this issue before ACCP members. These pieces should include (1) a commentary to appear in the ACCP Report, (2) a live program for presentation during the 2012 ACCP Annual Meeting, and (3) an outline for a possible ACCP white paper that provides a scholarly basis to help address the question posed above.

Committee/ Task Force	Charge Deliverables
Research Affairs Committee	A brief editorial commentary, suitable for publication in <i>Pharmacotherapy</i> , that considers the current professional landscape in discussing the developmental roles of fellowship training, graduate degree programs (Ph.D., M.S.), K awards, Clinical and Translational Science Awards, and ad hoc efforts like the ACCP Focused Investigator Training Program
Research Fellowship Program Review Committee	A brief commentary on the gap between PGY1/PGY2-trained clinical faculty and research-intensive faculty, including suggested mechanisms for closing that gap
National Student Network Advisory Committee	The committee is asked to determine how best to communicate to student members information about PRNs that is important and opportunities for student involvement with PRNs. Of note, feedback from this committee has resulted in several additional ideas and initiatives to address students' needs and requests.

In closing, I would like to thank the 2012 Annual Meeting Program Committee for its hard work in assembling an outstanding program with a variety of sessions that offer something for everyone. On a personal note, although I fully accept responsibility for making our committee and task force members work so hard this year, I have to say that the deliverables noted above will serve the College well into the future. My thanks go out to all of our committees and task forces, including the leadership provided by this year's committee and task force chairs. It has also been such a pleasure working closely with the ACCP staff and the

remarkable group of elected leaders, including the Board of Regents, the *Pharmacotherapy* Board of Directors, and the ACCP Research Institute Board of Trustees. To most members, it is probably not obvious how much the ACCP leadership team does on behalf of the College. However, I can say from firsthand experience that your elected leadership and the ACCP staff have had a busy year! Finally, thank you for the opportunity to serve all of you as ACCP president. It has been an awesome and humbling experience I will not soon forget.

Call for Nominations

All nomination materials, including letters, curricula vitae or resumes, and other supporting documents, can be submitted online to ACCP. The online nominations portal specifies the nominating materials required for each award, honor, and elective office. This portal is available at <http://www.accp.com/membership/nominations.aspx>.

PLEASE NOTE:

Due November 30, 2012 – Nominations for fall 2013 awards (Clinical Practice, Education, Russell Miller, and Elenbaas Service Awards), the 2014 Therapeutic Frontiers Lecture, and 2014 elected offices.

Due February 15, 2013 – Nominations for the 2013 “New” Awards (New Clinical Practitioner, New Educator, and New Investigator), 2013 Parker Medal, and 2013 ACCP Fellows (FCCPs).

2013 ACCP Fellows: Fellowship is awarded in

recognition of continued excellence in clinical pharmacy practice or research. Nominees must have been Full Members of ACCP for at least 5 years, must have been in practice for at least 10 years since receipt of their highest professional pharmacy degree, and must have made a sustained contribution to ACCP through activities such as presentation at College meetings; service to ACCP committees, PRNs, chapters, or publications; or election as an officer. Candidates must be nominated by any two Full Members other than the nominee, by any Fellow, or by any member of the Board of Regents. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, or Credentials: FCCP Committee are ineligible for consideration. **Nomination deadline: February 15, 2013.**

2014 Officers and Regents: President-Elect, Secretary, Regents, and Research Institute Trustees. Nominees must be Full Members of ACCP and

should have (1) achieved excellence in clinical pharmacy practice, research, or education; (2) demonstrated leadership capabilities; and (3) made prior contributions to ACCP. Current members of the Nominations Committee are ineligible. Please note that any qualifying Full Member may nominate himself or herself for office. **Nomination deadline: November 30, 2012.**

2013 Education Award: Recognizes an ACCP member who has shown excellence in the classroom or clinical training site, conducted innovative research in clinical pharmacy education, demonstrated exceptional dedication to clinical pharmacist continuous professional development, or shown leadership in the development of clinical pharmacy education programs. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support (also from ACCP members) that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support also may be included, including letters from non-ACCP members. Self nominations are not permitted. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: November 30, 2012.**

2013 Clinical Practice Award: Recognizes an ACCP member who has developed an innovative clinical pharmacy service, provided innovative documentation of the impact of clinical pharmacy services, provided leadership in the development of cost-effective clinical pharmacy services, or shown sustained excellence in providing clinical pharmacy services. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support (also from ACCP members) that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support also may be included, including letters from non-ACCP members. Self nominations are not permitted. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible.

Nomination deadline: November 30, 2012.

2013 Russell R. Miller Award: Recognizes an ACCP member who has made substantial contributions to the literature of clinical pharmacy, either in the form of a single, especially noteworthy contribution or sustained contributions over time. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support (also from ACCP members) that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support also may be included, including letters from non-ACCP members. Self nominations are not permitted. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: November 30, 2012.**

2014 Therapeutic Frontiers Lecture: Honors an internationally recognized scientist whose research is actively advancing the frontiers of pharmacotherapy. Recipients need not be ACCP members. All nominations must include a letter of nomination detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support also may be included. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: November 30, 2012.**

Robert M. Elenbaas Service Award: Given only when a particularly noteworthy candidate is identified in recognition of outstanding contributions to the vitality of ACCP or to the advancement of its goals that are well above the usual devotion of time, energy, or material goods. All nominations must include a letter of nomination detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional

letters of support also may be included. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: November 30, 2012.**

2013 Paul F. Parker Medal for Distinguished Service to the Profession of Pharmacy: Recognizes an individual who has made outstanding and sustained contributions to improving or expanding the profession of pharmacy in an area of professional service, including but not limited to patient care, leadership, administration, finance, technology, information processing, service delivery, models of care, and advocacy. The award is not limited to pharmacists or ACCP members. All nominations must consist of a letter to the Chair of the Selection Committee detailing the nominee's qualifications for this award and his or her contributions to the profession of pharmacy; the nominee's curriculum vitae, resume, or biographical sketch as available; and a minimum of three letters of recommendation. At least one of these letters must be from an individual outside the nominee's current practice locale. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Selection Committee, or ACCP staff are ineligible. **Nomination deadline: February 15, 2013.**

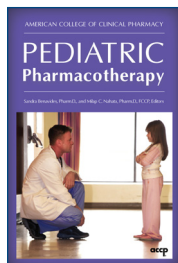
2013 New Clinical Practitioner Award: This award recognizes and honors a new clinical practitioner who has made outstanding contributions to the health of patients and/or the practice of clinical pharmacy. Nominees must have been Full Members of ACCP at the time of nomination and members at any level for a minimum of 3 years, and it must have been less than 6 years since completion of their terminal training or degree, whichever is most recent. Fellows of ACCP (i.e., "FCCPs") are ineligible. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support (also from ACCP members) that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support also may be included, including letters from non-ACCP members. Self nominations are not permitted. Current members of the Board of Regents, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: February 15, 2013.**

2013 New Educator Award: This award recognizes and honors a new educator for outstanding contributions to the discipline of teaching and to the education of health care practitioners. Nominees must have been Full Members of ACCP at the time of nomination and members at any level for a minimum of 3 years, and it must have been less than 6 years since completion of their terminal training or degree, whichever is most recent. Fellows of ACCP (i.e., "FCCPs") are ineligible. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support (also from ACCP members) that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support also may be included, including letters from non-ACCP members. Self nominations are not permitted. Current members of the Board of Regents, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: February 15, 2013.**

2013 New Investigator Award: This award's purpose is to highlight the research program of an ACCP member who has made a major impact on an aspect of clinical pharmaceutical science. Nominees must have been at the time of nomination members of ACCP for more than 3 years; they must have a research program with a significant publication record having a programmatic theme or an especially noteworthy single publication; and it must have been less than 6 years since completion of their terminal training or degree, whichever is most recent. Fellows of ACCP (i.e., "FCCPs") are ineligible. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support (also from ACCP members) that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support also may be included, including letters from non-ACCP members. Self nominations are not permitted. Current members of the Board of Regents, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: February 15, 2013.**

New Titles at the ACCP Bookstore

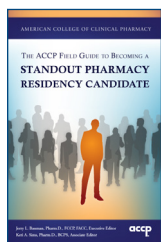
Available for preordering now at the [ACCP online bookstore](#) are two new ACCP titles that will be important resources for clinical pharmacists.



Pediatric Pharmacotherapy focuses on the unique therapeutic needs of neonates, infants, children, and adolescents. Patients in these age groups offer challenges distinct from those of adult patients. Drugs behave differently in this population—medications may not be absorbed, distributed, metabolized, or eliminated in the same manner as in adults, causing increased or decreased efficacy or safety.

For a long time, pharmacotherapy educators have been without a source for concise pediatric-specific pharmacotherapy information. To close this gap in the literature, ACCP has recruited experts in pediatric pharmacy to write this comprehensive textbook—a resource essential for students, residents, and any clinician involved in the care of pediatric patients. Contents include information on specific disease states as well as drug selection and use, monitoring of effectiveness and toxicity, prevention of medication errors, and patient/caregiver education. Chapters cover the introduction of pediatric care, pediatric pharmacokinetics, pharmacotherapy toxicology in pediatrics, medication safety, communication with pediatric caregivers, and sections on disease states in cardiovascular, pulmonary, gastrointestinal, renal, and hematology systems as well as the fields of psychiatry, infectious diseases, and more.

Visit the [ACCP online bookstore](#) to reserve your copy of *Pediatric Pharmacotherapy*.



The ACCP Field Guide to Becoming a Standout Pharmacy Residency Candidate is also available now for preordering. As an applicant for pharmacy residency training, you will find it important to position yourself above the crowd to ensure your acceptance to a residency program.

It becomes increasingly important to set yourself apart as an exceptional candidate early in your academic experience as more and more pharmacy students seek postgraduate pharmacy training. ACCP's *Field Guide* offers a step-by-step approach to maximizing your curricular and extracurricular experiences to best prepare yourself to be that standout candidate.

Written by experienced and dedicated pharmacy

residency proponents, this guide will provide detailed, practical information to use throughout your first, second, third, and all-important fourth years of pharmacy education—information you can use to chart your course to a successful postgraduate experience.

Here are the steps discussed by the authors that will help the reader to become a sought-after residency candidate:

- I. Defining (and Redefining) Career Goals
- II. Achieving Academic Excellence
- III. Getting Involved in Professional Organizations
- IV. Developing Leadership and Management Abilities
- V. Gaining Valuable Work Experience
- VI. Maximizing Experiential Education
- VII. Developing and Maintaining a Positive Professional Network
- VIII. Engaging in Scholarly Activity: Research, Publications, and Presentations
- IX. Distinguishing Your CV and Portfolio
- X. Completing the All-important Fourth Year

The ACCP Field Guide to Becoming a Standout Pharmacy Residency Candidate is your best guide for detailed and practical information on each of the steps above. Visit the [ACCP online bookstore](#) today to reserve your copy of this must-have book.

Applications Being Accepted for the 2013 Community Advisory Panel for the ACCP PBRN



Applications are being accepted for the 2013 Community Advisory Panel (CAP) of the ACCP Practice-Based Research Network (PBRN). The CAP functions as an

expert review panel for proposals received by the ACCP PBRN to determine the feasibility and practicality of proposed research projects. This standing committee to the ACCP PBRN, composed of a balance of generalists and specialists in a mixture of practice settings (e.g., outpatient clinics and inpatient services), represents the breadth and scope of the PBRN membership. The CAP consists of up to 10 members, each of whom may serve terms of up to 3 years. All members of the panel belong to the ACCP PBRN and are unpaid volunteers.

To learn more about the CAP, view candidate eligibility criteria, or complete an online application by October 31, 2012, please visit <http://www.accpri.org/cap/index.aspx>.

ACCP Research Institute Launches New Web Site Design



The ACCP Research Institute (RI) is pleased to release its newly redesigned Web site! Now, accessing RI news and research study information through PBRNConnect is even easier. See the new look for yourself at <http://www.accpri.org>.

Recruitment Continues for the Oncology Drug Shortage Study



Earlier this year, the ACCP PBRN launched the *Oncology Drug Shortage Study* for ACCP PBRN members who specialize in hematology/oncology. The objective of this study is to determine the impact of a cytarabine shortage on the receipt of optimal care among adult patients with acute myeloid leukemia (AML), particularly minority patients with AML, relative to a non-shortage period. Cytarabine is the focus of this research study because shortages of this agent may affect life expectancy, and documented shortages have been widespread.

Room is still available for eligible ACCP PBRN members who practice within the inpatient hematology/oncology specialty area to participate in this retrospective data collection research study. The study protocol, central IRB approval letter, sample data collection tools, and training materials are loaded under step 4 within PBRNConnect: <http://www.accpri.org/signin/index.aspx>. This study will use the REDCap Web-based electronic data capture tool. For more information, contact us at pbrn@accp.com.

All ACCP members are welcome to join the ACCP PBRN at no cost. To be eligible to participate in PBRN projects, members must complete online portfolios within PBRNConnect. If you are already an ACCP member but have not completed your portfolio within PBRNConnect, you may do so at <http://www.accpri.org/signin.index.aspx>.

Special Pricing on ACCP Publications Available at the On-site Bookstore in Hollywood!

Registrants for the 2012 Annual Meeting can preview new releases and get great deals on ACCP Publications at the On-site Bookstore in Hollywood, Florida.

As always, meeting registrants will receive low member pricing and free or reduced shipping on all ACCP Publications. The Bookstore will open at 7:00 a.m. daily near the Registration Desk and Cyber Café in the Westin Diplomat Resort.

There are now three ways to skip the line and save on ACCP Publications.

- **Order Online at the Meeting:** Attendees who are pressed for time can use a laptop or the Cyber Café to order at the [ACCP Online Bookstore](#). Orders entered online through the final day of the meeting (Wednesday, October 24) will receive the same price and shipping discounts.
- **Order Online Before the Meeting:** Starting October 5, meeting registrants can go to the [ACCP Online Bookstore](#) and order any publication. The Bookstore will automatically recognize meeting registrants and apply the correct discounts.
- **Advance International Ordering:** This special offer allows meeting registrants from outside the continental United States to eliminate shipping fees by picking up their purchases at the On-site Bookstore. Advance International Orders must be placed before October 1 at the [ACCP Online Bookstore](#) using **Promotional Code AM12INT**. Orders will be subject to 6.0% local Florida sales tax.

New ACCP titles available for preview and purchase in Florida include the following:

[Pharmacotherapy Self-Assessment Program, Eighth Edition.](#) Get information on ACCP's premier home study program for the Board Certified Pharmacotherapy Specialist. PSAP continues to be your source for the latest evidence-based updates that can be immediately applied to clinical practice. Preorder one or more books in the new series, including *Cardiology/Endocrinology*, which will be released January 15, 2013.

[Ambulatory Care Self-Assessment Program.](#) ACCP's newest home study program supports the

Board Certified Ambulatory Care Pharmacist by providing focused updates on the content outline for this new specialty. Preorder one or more books in the new series, including the first release, *Pulmonary and Preventive Care*.

Pediatric Pharmacotherapy. Pharmacotherapy education has long been without a source for concise pediatric pharmacotherapy information. ACCP's *Pediatric Pharmacotherapy* was developed to meet this need. Written by leaders in pediatric pharmacy, *Pediatric Pharmacotherapy* focuses on the unique therapeutic needs of infants, children, and adolescents. Readers will learn about specific disease states as well as drug selection and use, monitoring of effectiveness and toxicity, prevention of medication errors, and education of patients and caregivers.

The ACCP Field Guide to Becoming a Standout Pharmacy Residency Candidate. Written for first-, second-, and third-year pharmacy students planning to pursue postgraduate residency training, *The ACCP Field Guide to Becoming a Standout Pharmacy Residency Candidate* offers a multiyear, stepwise approach for maximizing curricular and extracurricular experiences to best prepare for postgraduate residency training. This is a must-have book for any student who plans to pursue residency training.

We look forward to visiting with you at the On-site Bookstore in Hollywood.

ACCP Launches Self-Assessment Program for the Ambulatory Care Pharmacist

Continuing its long history of providing recertification products for the board-certified pharmacist, ACCP will launch the new Ambulatory Care Self-Assessment Program (ACSAP) on January 15, 2013.

The goal of ACSAP is to provide the Board Certified Ambulatory Care Pharmacist (BCACP) with the latest evidence-based updates in focused therapeutic areas in the ambulatory care setting. This home study program provides information in an easy-to-access format, enabling the BCACP to immediately integrate it into clinical practice.

Subscribers to this new program will find several features designed to enhance learning and promote the application of updates to patient care. These features include:

- Coverage of the topic areas in the BPS content

outline for the BCACP delivered through two books released per year (January and July).

- In-text references to the most recent primary literature (past 3–5 years).
- Hyperlinks to guidelines, online tools, and other pharmacy resources.
- Graphic features that translate evidence-based updates directly to patient care, including Pivotal Study That May Change Practice, Patient Care Scenario, and Practice Points.
- A 4-month window to take ACSAP modules for BCACP recertification credit.

Six ACSAP books will be released from 2013 to 2015. The ACSAP series will provide the BCACP with more than the required 100 continuing pharmacy education credits needed to recertify.

Pulmonary and Preventive Care will be the first book released in the new series. Serving as faculty panel chair for 2013 Book 1 is Dennis M. Williams, Pharm.D., FCCP, BCPS. *Infection Primary Care* will be the second book in the series. Serving as faculty panel chair is Ralph H. Raasch, Pharm.D., FCCP, BCPS. Leading the new edition as ACSAP series editors are Betty J. Dong, Pharm.D., FCCP, FASHP, AAHIVE; and David P. Elliott, Pharm.D., FCCP, FASCP, CGP, AGSF. Book release and test deadlines for the new series are as follows:

	Release Date	BCACP Test Deadline	ACPE Test Deadline
2013 Book 1 Pulmonary and Preventive Care	January 15, 2013	May 15, 2013	January 31, 2016
2013 Book 2 Infection Primary Care	July 15, 2013	November 15, 2013	July 31, 2016
2014 Book 1 Endocrinology/ Rheumatology	January 15, 2014	May 15, 2014	January 31, 2017
2014 Book 2 Cardiology Care	July 15, 2014	November 17, 2014	July 31, 2017
2015 Book 1 Neurologic and Psychiatric Care	January 15, 2015	May 15, 2015	January 31, 2018
2015 Book 2 Women's and Men's Care	July 15, 2015	November 16, 2015	July 31, 2018

Single and series sales of ACSAP will start in October 2012, with the first book released on January 15, 2013. For more information and series updates as they become available, visit <http://www.accp.com/bookstore/acsap.aspx>.

ACCP Member Spotlight: Chris Frei

Editor's note: ACCP's Member Spotlight is a bimonthly ACCP Report series that serves to highlight and provide visibility to ACCP members with respect to their career paths, contributions, and experiences with ACCP. If you would like to nominate someone to be featured in the series, please visit <http://www.accp.com/membership/spotlight.aspx>. Nominations are accepted on a continuous basis. Members who are selected will be asked to complete a biographical sketch and brief questionnaire for use in developing their member spotlight summary.



Christopher Frei, Pharm.D., M.Sc., is an associate professor of pharmacy at The University of Texas at Austin College of Pharmacy and an adjunct faculty member at the University of Texas Health Science Center at San Antonio School of

Medicine. Dr. Frei completed his Pharm.D. degree (2001), master's degree (2003), residency (2003), and postdoctoral training (2005) at the UT Austin and the UT Health Science Center. He joined the faculty at both universities in January 2006. Dr. Frei is a Board Certified Pharmacotherapy Specialist who studies clinically important infectious diseases, including pneumonia, skin and soft tissue infections, and HIV. He is particularly interested in emerging antibiotic resistance among gram-positive bacteria including *Staphylococcus aureus*. His research approach involves pharmacoepidemiology, comparative-effectiveness, and microbial genomics.

Dr. Frei has been a principal investigator/coinvestigator for 12 different studies supported by the NIH, the Society of Infectious Diseases Pharmacists, and the pharmaceutical industry. He has published 57 peer-reviewed papers in leading medical and scientific journals, including the *American Journal of Medicine*, *Antimicrobial Agents in Chemotherapy*, *Chest*, *Clinical Microbiology and Infection*, *Drugs*, *Pharmacotherapy*, *Journal of Antimicrobial Chemotherapy*, and *Journal of the American Board of Family Medicine*. He has also given more than 260 national, state, and local presentations. This past year, Dr. Frei was promoted to an associate professor with tenure at the UT Austin. He was also recognized as "Mentor of the Year" by the Texas Society of Health-System Pharmacists, "Young Investigator of the Year" by the Society of Infectious Diseases Pharmacists, and "Distinguished Young Alumnus of the Year" by the UT Austin College of Pharmacy.

Dr. Frei spends 75% of his time conducting patient-oriented research and teaching pharmacy graduate students. He participated in ACCP's Focused Investigator Training (FIT) Program in 2008 and considers the program an integral part of his research and career development. In 2010, Dr. Frei received a 2-year grant for a project titled "Genetics, Resistance, and Treatment in a South Texas Practice-Based Research Network." His grant is a Mentored Research and Career Development Program (KL2) in Clinical and Translational Sciences, funded by NIH's National Center for Research Resources.

Dr. Frei is a firm believer in the importance of mentorship. He attributes his success to his mentors at the UT Austin, ACCP's FIT Program, and the NIH/KL2 career development program. He is grateful to his wife and family who have supported him throughout his career, the administrators at the UT Austin for the research support they have provided, and his current and former graduate students, whom he considers his extended family.

Dr. Frei believes ACCP has played a key role in his professional development. He joined the organization as a resident in 2001, presented his first poster at an ACCP Annual Meeting, and published his first paper in the journal *Pharmacotherapy*. He highly values the opportunities he has had to work with colleagues from across the country on initiatives such as ACCP's Practice-Based Research Network. He encourages pharmacy students to become involved in ACCP through his role as the ACCP College of Pharmacy Liaison for the UT Austin College of Pharmacy.

People may be surprised to know that Dr. Frei is an avid consumer of books and lectures on leadership and mentorship. Some of his favorites include *The Seven Habits of Highly Effective People* (Stephen Covey, 1989), *Making the Right Moves* (Laura Bonetta, 2006), *At the Helm* (Kathy Barker, 2010), *The Five Dysfunctions of a Team* (Patrick Lencioni, 2002), and *The Last Lecture* (Randy Pausch, 2007). He spends most of his free time "at the ranch" with his family or "with the kids" at their baseball and softball games.

2012–2013 Student Network Advisory Committee Appointed

Earlier this year, ACCP issued a call for applications from student members interested in serving on the Student Network Advisory Committee. In response, the College received applications from students across

the country. After a review of their applications, ACCP President-Elect Curt Haas selected student members for appointment. ACCP is pleased to announce the appointment of the following student members to the 2012–2013 ACCP Student Network Advisory Committee. The committee will meet at the upcoming 2012 Annual Meeting in Hollywood, Florida.

Chair:

- Roseann Gammal, Massachusetts College of Pharmacy and Health Sciences, Worcester School of Pharmacy

Vice Chair:

- Whitney Davis, University of North Carolina Eshelman School of Pharmacy

Secretary:

- Andrew Himsel, Texas A&M University Health Science Center, Irma Lerma Rangel College of Pharmacy

Members-at-Large:

- Kevin Chung, University of Southern California School of Pharmacy
- Norman Fenn, University of Colorado, Anschutz Medical Campus, Skaggs School of Pharmacy and Pharmaceutical Sciences
- Jared Mannen, University of Florida College of Pharmacy
- Cara Milburn, West Virginia University School of Pharmacy
- Diwura Owolabi, University of Maryland School of Pharmacy
- Christine Puschak, University of the Sciences in Philadelphia College of Pharmacy
- Courtney Watts, Auburn University Harrison School of Pharmacy
- Kimberly Won, University of Colorado, Anschutz Medical Campus, Skaggs School of Pharmacy and Pharmaceutical Sciences

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.

New Members

- | | |
|----------------------|------------------------|
| Lindsay Adams | Nicole Chretien |
| Rowaida Ahmed | Brooke Clark |
| Lola Alade | Sarah Connaway |
| Jeffery Alborn | Michael Costa |
| Perri Ann Allen | Richard Costine |
| Sebastian Al-Saiegh | Megan Crist |
| Edgardo Alvira | Maureen Crossman |
| Sam An | Janna Crumpton |
| Rebecca Arcebido | Samantha Decker |
| Cindy Leslie Arocena | J. Dedeaux |
| Rubiya Azmiree | Meredith Dempsey |
| Clara Back | Krisma DesPortes |
| Kristen Backe | Jennifer DeVos |
| Sarah Baggett | To-My Dinh |
| Jose Barboza | Tyler Dinkelaker |
| Nancy Barwick | Gurinderpal Doad |
| Alyse Battles | Anita Doyle |
| Karen Baumann | Chelsea DuHaime |
| Lonzie Beamon | Stacy Elder |
| Kathleen Beasley | Kendra Feltz |
| Grace Benanti | Alexandria Files |
| Tyler Bentrup | Chris Flanigan |
| Mitchell Berman | Ashley Fox |
| Martin Bishop | Dainielle Fox |
| Victoria Black | Kristin Franks |
| Beth Boals | Ryan Freund |
| Kelsey Bohling | Sheila Fullbright |
| Erin Boles | Amanda Fyalka |
| Gerald Bonko | Adam Gaines |
| Nicole Bott | Katrina Gano |
| Shannon Bradley | John Gardner |
| Ashanta Brady | Aney Geevarghese |
| Kourtney Brammeier | Emily George |
| Kyle Brennan | Rachel Geronsin |
| Kelsey Browder | Randy Gerwitz |
| Abigail Brown | Gabrielle Gibson |
| Reina Bruinsma | Rebecca Gilene |
| Melissa Buck | Nora Gleeson |
| Jordan Burdine | Amparo Gonzalez-O'Dell |
| William Byland | Pavel Goriacko |
| Lauren Byrnes | Shauna Graham |
| Lawrence Carey | Anisha Grover |
| Kacey Carroll | Allison Guyton |
| Jillian Casale | Neisha HackerFiney |
| Gregory Castelli | Elizabeth Hand |
| Corinne Chain | Christine Hanks |
| Robert Charlier | Marwan Hanna |
| Sheeva Chopra | Paul Hansen |

Michelle Haparimwi
Amanda Hartsell
Libby Herman
Gina Hinel
Katie Ho
Brian Hoffmaster
Ashleigh Hogue
Erika Holland
Harry Horn
Peng Hsiao
James Huang
Carla Huelskamp
Ryan Huntsman
Amy Hurwitch
Darcie Hutchinson
Jessica Jacobo
Apryl Jacobs
Rebakkah Johnson
Fuh Tzer Jong
Merlyn Joseph
Amanda Jost
Vita Judkins
Amir Kamel
Susan Kane
Mae Kasha
Daniel Kelso
Nishat Khan
Megan Kildea
Christine Kim
Susannah Knox
Catherine Koeller
Daniel Kowalenko
Alvina Ku
Jacob Kubicki
Stephanie Kujawski
Denise Kwong
Eunice Kym
Karen Lai
Courtney Langlois
Eileen Langstraat
Beau Lavoie
Jaie Lavoie
Elaine Law
Ashley Lawrance
Soyeon Lee
Michael Leon
Rebecca Levy
Andrew Lewis
Tim Lewis

Laura Licari
Heang Lim
Merrell Lim
Ashlee Lonon
Rachel Lopacki
Poom Lowsitisukdi
Richard Lugar
Leia Madrid
Jessica Malaty
Julia Martorana
Jasmine Mathew
Stacey Mathew
Jere May
Maryann
Mazer-Amirshahi
Yvonne Mbatia
Erin McCreary
Julie McCutcheon
Ashley McGee
Natasha Mehra
Ashley Merritt
Valerie Messer
Christine Milewski
Andrea Miller
Kaitlyn Mitchell
Veronica Mote
Claire Mowbray
Anne Muhleisen
Shaina Musco
Rachel Musgrove
Diane Nguyen
Katie Nguyen
Rebecca Nolen
Christy Norman
Madeline Normansell
Kristen O'Brien
Chris Ogunremi
Julie Ojongofu
Idris Olatunmbi
Ryan O'Neal
Kent Owusu
Vysakh Padiyara
Kashyap Padmaraju
Yunhee Park
Kyle Parker
Ami Patel
Gina Patel
Kamal Patel
Livia Patel

Shefali Patel
Sonal Patel
Sonalie Patel
Amber Patwell
Tanisha Peck
Johnathan Pennstrom
Kaylene Peric
Karlye Pesci
Meredith Petty
Duyen-Anh Pham
Jennifer Phan
Michelle Piel
Mihaela Pielea
Danielle Pierini
Katarzyna Polanska
Daniel Powell
Elizabeth Poznanski
Evgenia Prokopenko
Jennifer Pytlarz
Josephine Quach
Clement Quirke
Latchmin Raghunauth
Jennifer Raquipo
Rebecca Reiss
Hannah Renner
Kelvin Richards
Elizabeth Richmond
Ted Riley
Patrick Tim Rocafort
Anne Rogers
Deidre Rohaley
Lorelei Romonko Slack
Britney Ross
Dana Roth
Wilbur Rutter
Samie Sabet
Gaibrelle Safford
Ruben Santiago
Catherine Scanlon
Kevin Schleich
Sierra Schmidt
Jeffrey Scott
Larmie Sears
Olivia Seyferth
Robert Sherman
Clare Siebenberger
Pawel Sierbinski
Pamela Silva
Jonathan Sin

Gurpreet Singh
Faith Slaton
Ashley Smith
Jeremy Smith
Vipul Soni
Erin Sosebee
Molly Steen
Sean Stevener
Sylvia Stoffella
Callie Stoner
Martin Strait
James Sumka
Stephanie Tackett
Gary Tedesco
Lida Thimothy
James Thornton
Yuliana Toderika
Sara Toflinski
Deanna Tran
Molly Trayah
Jacki Ulishney
Mary Venteicher
Shelby Vessell
Michelle Von Vital
Phong Vuong
Ashlee Walters
Jeana Walton-Day
Luke Weber
Amy Wilds
Laura Williams
Beyrl Wilson
Amanda Wojtusik
Kai Zhen Yap
Melissa Yoneda
Eman Younis
Keary Zhou

**The following
individuals recently
advanced from
Associate to Full
Member:**

Gretchen Barlow
Andrew Behm
Angela Bingham
Janet Carmenates-
Gonzales

Heidi Chinwuba
Shalini Dosi
Chad Edgar
Kimberly Elder
Louise Gillis
Carla Jardin
Jill Jessmer
Safia Kuriakose
Jennifer Lose
Kimberly McConnell
Nikki Milne
Tomonori Nakamura
Agatha Nelson
Julius Nwadinobi
Kelly Schoeppler
Anne Schweighardt
Jessica Shimman
Devada Singh
Jameika Stuckey
Martin Torres
Estela Trimino
Jennifer Wear
Phipson Wu
Su-Fei Yang

**New Member
Recruiters**

Many thanks to the following individuals for recruiting colleagues to join them as ACCP members:

Lisa Albright-DeVries
Oluwatoyin Arije
Alexandra Barnette
Aida Bickley
Misty Boachie
Beth Boals
Marybeth Boudreau
Mark Bremick
Laura Butkievich
Thomas Campbell

Matthew Cantrell
Kacey Carroll
Marshall Cates
Alexandre Chan
Dustin Clark
Alia Daghestani
Rolee Das
James DeFoe
Lea Dela Pena
Tina Denetclaw
Michael Dietrich
Leann Doddridge
Susan Fagan
Krista Gens
Mary Ghaffari
Suzanne Higginbotham
Andrew Himsel
David Hutchinson
Christina Laird
Laurie Lincoln
Kristy Lucas
Shahryar Mahdiyoun
Deanna McDanel
Michael Ott
Christopher Paciullo
Jennifer Pauley
Kenna Payne
Patricia Ross
Melanie Ruegger
Cynthia Sanoski
Harminder Sikand
Andrea Sikora
Andrew Smith
Steven Smith
Nicholas Stark
William Terneus
Sarah Treadway
Katherine Vogel Anderson
Jacqueline Von Vital
Kurt Wargo
R. Brian Wolfe
Raynold Yin
Je Yun Yu

Professional Placement Advertisements



Clinical Pharmacy Specialists Ambulatory Care, Cardiology, Critical Care, Hematology-Oncology, Organ Transplant King Abdulaziz Medical City Riyadh, Saudi Arabia

King Abdulaziz Medical City (KAMC) is the main medical center campus for the Saudi Arabia National Guard Health Affairs (NGHA) system and serves as the largest medical complex in Saudi Arabia. NGHA's goal is to be recognized as the leading health care system in the Gulf through the provision of excellent patient care, state-of-the-art education and training, and cutting-edge research.

Located in Riyadh, KAMC is a health sciences center that includes colleges of medicine, dentistry, pharmacy, nursing, applied medical sciences, and public health and informatics. The campus is expanding from its current 1500 inpatient beds to 2400 beds by 2014, including the construction/addition of a children's hospital, neuroscience center, oncology center, transplant center, women's center, and psychiatric and addiction institute. In addition, the Medical City is increasing and enhancing its ambulatory care services across its centers and clinics.

Successful candidates will participate in the further growth and development of an already established clinical pharmacy program by optimizing pharmacotherapy outcomes in a progressive, U.S.-style academic/team care environment. Opportunities are available to educate pharmacy students, medical students,

and pharmacy residents. Research participation and publication is encouraged. Attendance at professional and scientific meetings for presenting research and other scholarly work is supported.

Qualified candidates must possess a Pharm.D. degree from an ACPE-accredited institution with a PGY2 residency, fellowship, or equivalent clinical experience. Board certification is preferred.

KAMC offers an excellent salary and benefits package. Salary includes tax-free earnings with an additional 15% cost-of-living allowance and free, furnished, and completely outfitted housing in a modern, state-of-the-art housing complex. Benefits include 30 days of annual leave, 11 holidays, an annual vacation with an airline ticket to your family home/point of origin, and a "midyear benefit" of an airline ticket to London or 10 extra days of leave; free medical care and emergency dental care; Internet access, a telephone code for personal, national, and international phone calls, and free cable TV with up to 100 channels; free sports and social club access; and bus transportation to/from KAMC and shopping malls and shopping districts. Contracts are 1 year in duration; a sign-on bonus equal to 1 month's salary is awarded upon contract renewal.

Positions are available immediately. Qualified candidates should send a letter of interest, a curriculum vitae, and three letters of reference by e-mail to:

Ms. Sarah Al Mahri
King Abdulaziz Medical City
Corporate Nursing and Clinical Recruitment Services

AND

Abdulkareem M. Al Bekairy, M.Sc., Pharm.D.
Assistant Director, Clinical Pharmacy (KAMC)
E-mail: cncrs.clinical@gmail.com AND BekairyA@ngha.med.sa



**Academic Clinical Faculty
College of Pharmacy
King Saud bin Abdulaziz University
for Health Sciences
Riyadh, Saudi Arabia**

The King Saud bin Abdulaziz University for Health Sciences (KSAU-HS) is located in Riyadh and houses six colleges. These are the Colleges of Medicine, Pharmacy, Dentistry, Public Health and Health Informatics, Applied Medical Sciences, and Nursing. Two satellite KSAU campuses are also located in the cities of Jeddah and Al-Ahsa. The close affiliation of KSAU-HS with the National Guard Health Affairs (NGHA) hospitals, the most advanced medical complex in the region, has enabled the university to enhance its curricula and academic programs and given the university and its students full access to clinical and teaching sites staffed with exceptionally competent health professionals.

Open faculty positions in the Department of Pharmacy Practice: The KSAU College of Pharmacy is seeking applicants from several clinical specialties for nontenure-track faculty positions in the Department of Pharmacy Practice at the assistant, associate, or full professor level. Responsibilities include developing, coordinating, and delivering didactic education; developing and maintaining innovative clinical practice sites at the affiliated, state-of-the-art, 1200-bed National Guard Hospital in Riyadh; and conducting scholarly activity, including collaborative research and publication.

The newly established College of Pharmacy at KSAU-HS employs a U.S.-style innovative Pharm.D. curriculum through a collaborative partnership with the University of Tennessee College of Pharmacy. The curriculum is

delivered by U.S.-educated and trained faculty/clinicians of diverse nationalities. The curriculum is designed to achieve educational outcomes consistent with ACPE accreditation standards for professional programs leading to the Pharm.D. degree.

Qualified candidates must possess a Pharm.D. degree from an ACPE-accredited institution with a PGY1 and PGY2 residency, fellowship, or equivalent clinical experience. Board certification is preferred.

KSAU-HS offers an excellent salary and benefits package commensurate with education and experience. Salary includes tax-free earnings; furnished and completely outfitted housing in a modern, state-of-the-art housing complex; and an educational allowance of up to three (3) eligible dependents enrolled in grades 1–12. Benefits also include 60 days of annual vacation leave, 11 holidays, an annual airline ticket to faculty members and eligible dependents to and from their home or point of origin, annual paid professional development leave, free medical care and emergency dental care, Internet access, a complimentary telephone code for personal national and international phone calls, free cable TV with up to 100 channels, free sports and social club access, and bus transportation to/from KAMC and nearby shopping malls and shopping districts.

Positions are available immediately. Qualified candidates should send a letter of interest, a curriculum vitae, and three letters of reference by e-mail to:

Abdulkareem Albekairy, Pharm.D.
Associate Dean, Academic & Student Affairs
College of Pharmacy, KSAU-HS
E-mail: bekairy@ngha.med.sa

OR

Nabil Khalidi, Pharm.D.
Associate Professor, Pharmacy Practice
College of Pharmacy, KSAU-HS
Associate Professor Emeritus
University of Michigan
E-mail: khalidin@ksau-hs.edu.sa



**Assistant, Associate, Full Professor of Adult Medicine with Oncology Focus
University of Texas Southwestern Medical Center Dallas and
Texas Tech University Health Sciences Center
School of Pharmacy**

The Texas Tech University Health Sciences Center (TTUHSC) School of Pharmacy, together with the University of Texas Southwestern (UTSW) Medical Center, a National Cancer Institute–designated cancer center, announces a new 12-month, full-time faculty position. The UTSW Medical Center is a 466-bed general medical and surgical facility. It is nationally acclaimed and is considered one of our nation’s “most wired” hospitals. The UTSW Medical Center leads the country in adopting innovative technologies that improve patient care. The pharmacy department employs 45 full-time pharmacists including six board-certified oncology pharmacists (BCOPs) in the outpatient pharmacy and infusion center. This new position will focus on the care of adult oncology inpatients. This is an exceptional opportunity

for internal medicine/pharmacotherapy candidates who also possess a strong interest in the pharmacotherapeutic needs of oncology patients.

Responsibilities will include providing inpatient clinical pharmacy services and experiential teaching in the TTUHSC Pharm.D. program. Creating a PGY2 oncology residency and assisting with staff development are expected. Candidates with Pharmacotherapy (BCPS) or BCOP certification are strongly preferred. Research and scholarship is an expectation, with opportunities available for collaboration with established colleagues in clinical and translational research. Rank and salary are commensurate with experience. Established practitioners/educators are urged to consider this exciting new position.

Contact Information

Eric MacLaughlin, Pharm.D., FCCP, BCPS
Professor and Division Head of Adult Medicine
TTUHSC, School of Pharmacy
1300 Coulter Drive
Amarillo, TX 79106
E-mail: Eric.MacLaughlin@ttuhsc.edu
Telephone: (806) 356-4000, ext. 264

All interested applicants must apply online at <https://jobs.texastech.edu/postings/47877>.

Equal Employment Opportunity/Affirmative Action Employer.

**Position Announcement
Assistant/Associate Professor
Internal Medicine/Primary Care
College of Pharmacy
Howard University**

Howard University, College of Pharmacy, Department of Clinical and Administrative Pharmacy Sciences, invites applications for a full-time tenure-track, twelve (12)-month faculty position at the Assistant/Associate Professor rank in clinical pharmacy practice (internal medicine/primary care). Applicants should hold the Pharm.D. degree and be eligible for licensure in the District of Columbia. Preference will be given to candidates who have suitable residency or fellowship training with significant clinical practice and teaching experience. Principal teaching duties will include the

integrated pathophysiology/pharmacotherapy course series and precepting students on clinical rotation. The successful candidate will also be expected to develop a clinical practice site in Internal Medicine at Howard University Hospital and participate in other Howard University/College of Pharmacy-related activities. Applicants are invited to submit a letter of interest, a curriculum vitae, a statement of teaching and clinical practice philosophy, and three letters of recommendation attesting to their teaching and clinical ability to:

Monika Daftary, Pharm.D.
Associate Professor and Chair, Search Committee
Howard University College of Pharmacy
2300 4th Street NW
Washington, DC 20059

Howard University, College of Pharmacy is an Affirmative Action, Equal Access and Equal Opportunity Employer committed to diversity and excellence.

**Assistant Professor (nontenure-track)
Oncology/Hematology Specialty Practice
Department of Pharmacy: Clinical and Administrative Sciences
College of Pharmacy
The University of Oklahoma Health Sciences Center (OUHSC)
Oklahoma City**

The University of Oklahoma College of Pharmacy invites applicants for a nontenure appointment in the area of hematology/oncology pharmacotherapy on the Oklahoma City campus. Applicants are expected to develop a research program and pursue scholarship in the area of hematology/oncology pharmacotherapy and to develop and provide didactic, laboratory, and experiential training and education to Pharm.D. and graduate students as well as pharmacy practice and specialty residents. Responsibilities include supporting the college of pharmacy's mission and goals through involvement in classroom learning opportunities and professional, community, and university service. OUHSC is a comprehensive academic health sciences center with seven professional colleges, affiliated hospitals, clinics, and research institutes located near the Oklahoma City campus.

Candidates must hold a Pharm.D. degree from an ACPE-accredited program and have completed pharmacy practice (PGY1) and specialty (PGY2) residency

training, or possess equivalent postgraduate experience, with significant exposure to hematology/oncology-focused services. Candidates must be eligible to obtain unrestricted Oklahoma pharmacist and preceptor licenses. Preferred qualifications include attainment of board certification in oncology; experience managing bone marrow transplant patients; and experience in classroom teaching, leading small group discussions and precepting Pharm.D. students. Candidates must pass a criminal background check. Salary and academic appointment will be commensurate with experience. Applications will be accepted until the positions are filled.

Interested applicants should submit by mail a letter of interest, a complete curriculum vitae, a description of research and clinical interests, a list of grant applications/approvals/awards, and the names of three references (identify relationships, address, telephone/fax/e-mail) to:

R. Chris Rathbun, Pharm.D.
Professor and Chair
Department of Pharmacy: Clin. & Admin. Sciences
University of Oklahoma College of Pharmacy
1110 North Stonewall Avenue
Oklahoma City, OK 73126-0901
Telephone: (405) 271-6878
Fax: (405) 271-6430
E-mail: chris-rathbun@ouhsc.edu

The University of Oklahoma is an equal opportunity institution.