

ACCP Report

American College of Clinical Pharmacy

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

Vol. 30, No. 6; June 2011

2011 Pharmacotherapy Preparatory Review Course Instructional Materials Now Available

Instructional materials are now available for the 2011 edition of Updates in Therapeutics: The Pharmacotherapy Preparatory Review and Recertification Course, the same course that was presented live at ACCP's Updates in Therapeutics 2011.

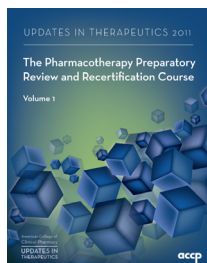
The Updates in Therapeutics: The Pharmacotherapy Preparatory Review and Recertification Course is ideal for pharmacy professionals who are preparing for the Pharmacotherapy Specialty Certification Examination administered by the Board of Pharmacy Specialties (BPS) and for those seeking a self-paced review and refresher of disease states and therapeutics. Developed by Board-Certified Pharmacotherapy Specialists, the course content provides a comprehensive review of the knowledge domains covered in the pharmacotherapy specialty certification examination. The course uses a case-based approach, with strong emphasis on the thought processes needed to solve patient care problems in each therapeutic area.

The course materials are available in a variety of formats to best suit your learning style. The online course, print workbook and CD-ROM package, and online workbook and CD-ROM package are available for continuing pharmacy education credit. The maximum number of continuing pharmacy education credits available for the preparatory course is 24.0 hours.

Visit the ACCP Bookstore at www.accp.com/bookstore to order the newest edition of the Pharmacotherapy Preparatory Review and Recertification Course.

Attention Board-Certified Pharmacotherapy Specialists: Earn Recertification Credit Via the Pharmacotherapy Preparatory Review and Recertification Course

Instructional materials for the 2011 Pharmacotherapy Preparatory Review and Recertification Course are now available for recertification. Approved by the Board of



Pharmacy Specialties (BPS), the Updates in Therapeutics: The Pharmacotherapy Preparatory Review and Recertification Course is one of three professional development programs that can be used by Board-Certified Pharmacotherapy Specialists (BCPSs) as an alternative to recertification by examination.

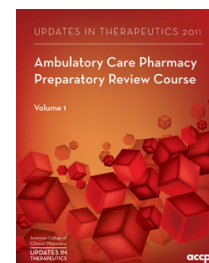
24.0 hours of recertification credit is available from the 2011 course. To earn recertification credit for the Pharmacotherapy Preparatory Review and Recertification Course, BCPSs must have attended the live program or completed the instructional materials for home study and successfully completed the Web-based post-test for the program. Only completed tests will be eligible for credit; no partial or incomplete tests will be processed. Visit <http://www.accp.com/careers/boardbcps.aspx> to learn more about how to earn BCPS recertification credit for the Pharmacotherapy Preparatory Review Course.

Visit the ACCP Bookstore at www.accp.com/bookstore to order the Pharmacotherapy Preparatory Review Course for Recertification.

2011 Ambulatory Care Pharmacy Preparatory Review Course Instructional Materials Now Available

Instructional materials are now available for the 2011 edition of Updates in Therapeutics: The NEW Ambulatory Care Pharmacy Preparatory Review, the same course that was presented live at Updates in Therapeutics 2011 in Columbus, Ohio.

Updates in Therapeutics: The NEW Ambulatory Care Pharmacy Preparatory Review is ideal for pharmacy professionals who are preparing for the new Ambulatory Care Pharmacy Specialty Certification Examination administered by the Board of Pharmacy Specialties and for those seeking a self-paced review and refresher of disease states and therapeutics. Developed by Board-Certified Pharmacotherapy Specialists and Ambulatory Care Pharmacy practitioners, the course content provides a



comprehensive review of the knowledge domains covered in the Ambulatory Care Pharmacy Specialty Certification Examination. The course uses a case-based approach, with strong emphasis on the thought processes needed to solve patient care problems in each therapeutic area.

Course materials are presented in a variety of formats to suit different learning styles. Continuing pharmacy education credit is available through the successful completion of online posttests. The maximum number of continuing pharmacy education credits available for the preparatory course is 26.0 hours. Instructional materials are available in the following formats:

- **Course Workbook.** Presenter handouts are provided in a two-volume perfect-bound book. These materials include case studies, study questions with answer explanations, and literature citations for further reference.
- **Online Workbook.** Information contained in the printed course workbook is also available in this online version. The online book provides access to course workbook contents as Portable Document Format (PDF) files.
- **CD-ROM.** The CD-ROM includes the presenters' lectures, which are audio-synchronized to the slide presentations from the live program. The CD-ROM is both PC and Macintosh compatible and contains MP3 files of the presenters' lectures. (The CD-ROM is not CD-Audio compatible.)
- **CD-ROM and Course Workbook with CPE.** This package includes the full course workbook and a CD-ROM, plus access to the Web-based posttests for continuing pharmacy education credit.
- **Web-Based Online Course with CPE.** This combination provides participants with the online workbook and includes the presenters' lectures, which are audio-synchronized to the slide presentations from the live program. The online course also provides the MP3 files of the presenters' lectures. In addition, the online course provides participants access to the Web-based posttests for continuing pharmacy education credit.
- **CD-ROM and Online Workbook with CPE.** This package includes the CD-ROM and full course online workbook, plus access to the Web-based posttests for continuing pharmacy education credit.

Instructional components also are priced for individual sale. Orders for Ambulatory Care Pharmacy Preparatory Course instructional materials may be placed online at <http://www.accp.com/bookstore/apc11.aspx>. Orders may also be placed by telephone at (913) 492-3311 or by fax at (913) 492-0088. All products will be made available and/or shipped on June 1, 2011.

Prices	Member	Nonmember
Print Workbook and CD-ROM with CPE Credit	\$370.00	\$525.00
Online Workbook and CD-ROM with CPE Credit	\$360.00	\$515.00
Online Course with CPE Credit	\$350.00	\$505.00
CD-ROM	\$225.00	\$345.00
Print Workbook	\$150.00	\$230.00
Online Workbook	\$140.00	\$220.00

Continuing Education Credit

The American College of Clinical Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The Universal Activity Numbers (UAN) for Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course are:

- Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course—Biostatistics, Clinical Trial Design, and Nephrology
Activity No. 0217-0000-11-021-L01-P (2.5 contact hours)
- Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course—Diabetes Mellitus and Other Endocrine Disorders
Activity No. 0217-0000-11-022-L01-P (3.0 contact hours)
- Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course—Gastrointestinal Disorders, Epilepsy & Headache/Migraine, and Neurology: Alzheimer Disease and Parkinson Disease
Activity No. 0217-0000-11-023-L01-P (3.0 contact hours)
- Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course—Transplantation, Immunizations, and Respiratory & Smoking Cessation
Activity No. 0217-0000-11-024-L01-P (3.0 contact hours)
- Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course—Psychiatric Disorders and Emergency Medicine
Activity No. 0217-0000-11-025-L01-P (3.0 contact hours)
- Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course—Dermatology/EENT, Infectious Diseases, and HIV & AIDS
Activity No. 0217-0000-11-026-L01-P (2.5 contact hours)
- Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course—Bone/Joint & Rheumatology, Obstetrics/Gynecology, and Men's & Women's Health
Activity No. 0217-0000-11-027-L01-P (3.0 contact hours)
- Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course—Cardiology I
Activity No. 0217-0000-11-028-L01-P (3.0 contact hours)
- Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course—Cardiology II
Activity No. 0217-0000-11-029-L01-P (3.0 contact hours)

All continuing pharmacy education activities associated with Updates in Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course are application-based activities. To receive continuing pharmacy education credit, the Web-based posttest must be successfully completed and submitted to ACCP by October 31, 2012.

Statements of credit for continuing pharmacy education will be available to participants immediately after the successful completion of each Web-based posttest at www.accp.com/ce. Learning objectives, faculty disclosures, target audience, program goals, technical requirements, and samples of the Ambulatory Care Pharmacy Preparatory Course are available at <http://www.accp.com/bookstore/apc11.aspx>.

Learn How to Plan for Career Advancement: Enroll in the Clinical Practice Advancement Certificate Program

The ACCP Academy is a continuous educational effort designed to deliver a flexible, curricular approach to enhancing ACCP members' abilities in their major areas of

responsibility. The ACCP Academy provides four unique professional development programs leading to certificates of completion in Clinical Practice Advancement, Leadership and Management, Research and Scholarship, and Teaching and Learning.

The Clinical Practice Advancement Certificate Program is designed to help new practitioners advance their careers as clinicians, establish credible interprofessional and patient-centered roles, extend their clinical practices through mentoring and precepting, and employ practical strategies to enhance their professional standing and recognition.

New clinical practitioners with residency training (or equivalent experience) who practice in any professional setting will benefit from this program designed to facilitate clinical career development. There is no better time to enroll. The program's prerequisite, the Clinical Practice Primer, will be offered this fall at the 2011 ACCP Annual Meeting.

Visit the ACCP Academy at www.accp.com/academy to learn more about the Clinical Practice Advancement Certificate Program and to download a program application.

2011 Annual Meeting Call for Abstracts

Submit abstracts online at <http://accp.confex.com/accp/2011am/cfp.cgi>.

All investigators in the field of clinical pharmacy and therapeutics, both ACCP members and nonmembers, are invited to submit abstracts to be considered for poster presentation at the 2011 Annual Meeting. The meeting will be held October 16–19, 2011, in Pittsburgh, Pennsylvania.

See complete submission instructions and guidelines at <http://accp.confex.com/accp/2011am/cfp.cgi>. Abstracts may be submitted in one of the following categories:

Original Research: Abstracts must describe original research in education, health sciences, therapeutics, pharmacokinetics, pharmacodynamics, pharmacoeconomics, pharmacoepidemiology, or pharmacogenomics. Encore submissions are welcome.

Clinical Pharmacy Forum: Abstracts must describe the delivery, development, justification, or documentation of innovative clinical pharmacy services. Abstracts addressing payment or cost analysis are encouraged. Encore submissions are welcome.

Resident and Fellow Research-in-Progress: Submission and evaluation criteria are those of an Original Research presentation except that the research effort is ongoing. The presenting author must be a resident or fellow.

Student Submissions: Submission criteria are those of an Original Research presentation. Partially completed data are acceptable for inclusion. Abstracts should provide an assessment of the likelihood of project completion by date of presentation. The presenting author must be a student.

Late Breakers: Abstracts must describe original research in education, health sciences, therapeutics, pharmacokinetics, pharmacodynamics, pharmacoeconomics, pharmacoepidemiology, or pharmacogenomics. Encore submissions are welcome.

Submission Deadline

All abstracts accepted for presentation (with the exception of Encore presentations) in the Original Research, Clinical Pharmacy Forum, and Late Breaker categories will automatically be entered in the Best Paper Award competition. Judging of finalists will occur during the poster and platform sessions at the meeting. The deadline to submit abstracts in the Original Research, Clinical Pharmacy Forum, and Resident and Fellow Research-in-Progress categories is Wednesday, June 15, 2011, 11:59 p.m. (Pacific Daylight Time [PDT]). The deadline to submit abstracts in Student Submissions and Late Breakers is Wednesday, July 6, 2011, 11:59 p.m. (PDT). Authors will be notified by e-mail of acceptance of their papers by Monday, August 15, 2011.

For more information about the Call for Abstracts, contact Emma Webb, ACCP Project Manager – Education, at (913) 492-3311, extension 20, or emmawebb@accp.com.

ACCP Releases Position Statement on Specialist Certification as First Step in College's "Specialist Advocacy Plan"

The College has released a new position statement, "Board Certification of Pharmacist Specialists," available as a pre-publication draft at <http://www.accp.com/docs/positions/positionStatements/BoardCertiPosStatmnt.pdf>. Developed by the 2010 ACCP Certification Affairs Committee and the ACCP Board of Regents, the statement characterizes the College's views on the importance and value of specialist certification, the current and future roles of certification in achieving specialist recognition, the types of pharmacists who should be board certified, and the need for the public reporting of certification. This position statement serves as the initial step in ACCP's specialist advocacy plan. During the next 2 months, the College will distribute the position statement, together with a new Board of Pharmacy Specialties brochure, promoting board certification to employers, residency program directors, academic administrators, pharmacy residents, and other health care professionals.

Applications for a Leadership Position on the 2011–2012 National Resident Advisory Committee Due June 17

Are you a resident or fellow who is interested in becoming more involved in ACCP? The College encourages post-graduate trainees who want to enhance their leadership skills, network with colleagues across the country, and interact with clinical pharmacy leaders to apply for appointment to a leadership position on the 2011–2012 National Resident Advisory Committee.

The National Resident Advisory Committee, appointed annually by the ACCP President-Elect, is composed of residents, fellows, and graduate students. Members serve a 1-year term, and the committee is typically composed of 8–12 individuals. Appointed leadership positions include:

- Chair (1-year term)
- Vice Chair (1-year term)

The committee serves in an advisory capacity to the ACCP Board of Regents and staff, providing feedback and assistance in developing new programs and services for postgraduate trainee members, consistent with the College's vision of clinical pharmacy practice, research, and education.

The committee meets in person at the College's Annual Meeting in October and communicates by conference calls and e-mails to complete its assigned charges. Appointees to the National Resident Advisory Committee will receive a complimentary meeting registration to

attend the ACCP Annual Meeting held during their committee term. For additional information on the application process, or to submit an application, please visit <http://www.accp.com/membership/rac.aspx>. The deadline for applications is June 17, 2011.

Washington Report

*C. Edwin Webb, Pharm.D., MPH
Associate Executive Director*



Aligning Advocacy with the Strategic Plan: A Commitment to Core Values

Since the October 2010 approval of the College's strategic plan by the ACCP Board of Regents (http://www.accp.com/docs/about/ACCP_Strategic_Plan.pdf), the leadership and senior staff have developed a restructured and refocused "advocacy platform" that will guide much of the College's government and professional affairs programs, resources, and relationship development for the next 2 years or more. The platform has been designed to align with and reinforce both the objectives of the strategic plan and, as importantly, the mission and core values of the College.

As outlined in the 2010 strategic plan, the College is now focusing its energy, programming, and resources directly and specifically on programs, services, and activities that promote the development, advancement, and positioning of clinical pharmacists in the nation's evolving health care system—a system increasingly characterized by patient-centered, coordinated, quality-focused, and cost-effective care of both individuals and populations. The central role of medication-related services and care in achieving these system characteristics is firmly established in the recent passage of the Affordable Care Act of 2010 as well as in many recent publications in the broader health literature (see Reference List/Appendix).

As detailed in the strategic plan, the principal areas of strategic focus for the College now and in the future are as follows.

Develop Clinical Pharmacists

ACCP will promote the professional development of clinical pharmacists by:

- Increasing practitioner access to specialist certification, recertification, and other means of ensuring maintenance of competence
- Providing and promoting expanded opportunities for practitioner, educator, researcher, and scholar development
- Contributing to quality and quantity assurance of accredited and peer-reviewed postgraduate training programs

Advance Clinical Pharmacists

ACCP will advance clinical pharmacists by:

- Advocating for appropriate credentialing and privileging of clinical pharmacists
- Seeking recognition of clinical pharmacists by employers, payers, regulators, and evolving care delivery systems
- Facilitating collaborative research that documents the value of clinical pharmacists to patients
- Publishing research, commentaries, and evidence-based papers that address the clinical pharmacist's value to patient care

Position Clinical Pharmacists

ACCP will position clinical pharmacists by:

- Communicating with external constituencies to foster recognition of clinical pharmacists' collaborative contributions to patient care
- Working with external constituencies to affirm clinical pharmacists' credibility as clinicians and researchers who contribute unique value to patient care
- Developing joint, interprofessional communications that

recognize clinical pharmacists' essential, collaborative roles in ensuring quality patient care

During the next 12–18 months, a major portion of ACCP's advocacy activities will be targeted toward physician organizations in primary and specialty disciplines; health systems and their support organizations; payment policy; insurer and employer groups; consumer groups; and quality/safety organizations to seek and achieve public support for these objectives. ACCP's ongoing work with the Patient-Centered Primary Care Collaborative (www.pcpcc.net) and its leading organizational members and practitioner groups will continue to serve as a principal network for these efforts.

The current, highly partisan political environment at the national level, which will culminate in national elections in November 2012, is unlikely to support new, narrow (i.e., profession-specific) legislative advocacy efforts in health care in the short term. However, timely and targeted legislative and regulatory proposals and advocacy that are enhanced by the development of stronger interprofessional relationships, as described above, will be pursued strategically, and they will serve a principal focus beyond 2012 as health care reform legislation implementation proceeds during the next several years.

Continued on Page 7

ACCP Advocacy and Communications Platform 2011–2012

Background:

The ACCP Advocacy Platform provides a descriptive frame of reference for the areas of advocacy and communication of ACCP that align with the College's current strategic plan. Consistent with the "continuous planning" approach adopted for the current and future strategic planning process of the College, the advocacy platform provides flexibility and responsiveness as relevant strategic directions and objectives that require advocacy and communications by the College, its staff, and members are accomplished or revised.

"Advocacy" in this context incorporates more than the commonly recognized, and still vital, component of "governmental" interaction in areas of legislative or regulatory activities and policy in which the College has interests and objectives. It includes areas of "advocacy and communication" with other audiences and constituencies that are relevant to the singular focus and three priority areas outlined in the ACCP strategic plan. Examples of these are described within the platform "planks" outlined below.

When the College engages any of these audiences and constituencies in seeking to achieve its objectives, it will do so in a manner that clearly articulates and is consistent with the focus and core values of the College contained in the strategic plan. Accordingly, the advocacy and communications activities will emphasize and support:

- The centrality of the patient and the assurance of the quality and safety of his/her medication-related care as the societal and professional purpose of the clinical pharmacist;
- The specific articulation and definition of the clinical pharmacist's practice as one that involves direct interaction with the patient in making appropriate professional contributions to the selection, modification, discontinuation, and monitoring of patient-specific drug therapy as a component of a coordinated patient care process. This is usually accomplished as a member of an interprofessional team or through formal collaborative practice with another health care provider.
- The value and importance of demonstrable, and frequently specialized, knowledge and abilities of clinical pharmacists through the expectation of and advocacy for accredited postgraduate residency training, board certification(s) in appropriate areas of specialty practice, and maintenance of certification(s) and competence consistent with the needs of the patients being served and the complexity of care being provided.
- The imperative need for changes in the nation's health care delivery system that achieve:
 - Patient-centered and patient-engaged care that is continuous, coordinated, comprehensive, evidenced-based, and safe;
 - Team-based delivery systems, using physically integrated and/or virtual practice structures, that facilitate and promote the full participation

of qualified health professionals practicing to their maximum skills and capabilities within their licenses and scopes of practice in delivering care to patients;

- Payment reforms to incentivize and reward collaborative and coordinated patient care services that achieve quality clinical outcomes and goals, both through the use of medications and other therapeutic and preventive health care services.

ACCP will seek out and work actively with interested health care organizations and professional societies, relevant government agencies, and other policy and advocacy groups that support and foster these broad goals. However, the primary emphasis, and resources, will be placed on collaborations that are most likely to facilitate the achievement of specific objectives found in the College's current and evolving strategic plan.

Advances related to these areas are possible for broad segments of the pharmacy profession as a result of specific sections of the Affordable Care Act of 2010 (ACA). The College will continue to participate in and support the efforts of national pharmacist organizations to ensure that key provisions of the ACA related to medication therapy management services are appropriately implemented and/or retained in the face of any efforts to diminish or repeal the law.

Nevertheless, it will likely be necessary in some instances for the College to differentiate and distinguish the practice of its members specifically, and clinical pharmacists generally, within the broader spectrum of pharmacy practice in order to promote and achieve the objectives contained in its strategic plan.

Advocacy Platform Planks:

- Legislative/Regulatory Advocacy at the Federal (and National) Level
 - Ongoing ACA implementation, particularly with respect to team-based practice and education provisions, MTM grant programs, community health care teams, health professions education and reform, payment model reform. JCPP and/or Pharmacy Stakeholders as primary collaborators;
 - Center for Medicare/Medicaid Innovation – regular communication, project review and comment, public hearings and identification/promotion of clinical pharmacist practices that relate to the Center's areas of concentration. In collaboration with PCPCC as appropriate;
 - Monitor health care reform repeal tactics and bills;
 - HRSA/PSPC expansion – collaboration exploration related to ACCP PBRN, practice model and quality outcomes research;
- Legislative/Regulatory Advocacy at the State Level
 - Monitor for proposed practice act initiatives or reforms specific to CDTM and medication management/pharmacist involvement in the PCMH – direct advocacy/intervention limited to any significant concerns that undermine the advancement of clinical pharmacists' practice;
 - Provide information from staff-maintained summary information on national profile of CDTM policies and regulations upon request to interested parties;
- Interprofessional Practice and Education Forums, Coalitions, and Advocacy Groups (National)
 - Patient-Centered Primary Care Collaborative – policy, practice model change, payment reform, comprehensive medication management with the PCMH;
 - Institute of Medicine Roundtables – Best Practices Innovation Collaborative, Science-Driven Health Center, "Learning Health System" implementation and advocacy;
 - Kaiser Family Foundation;
 - Commonwealth Fund.
- Physician/Provider Organizations
 - American College of Physicians
 - American Academy of Family Physicians
 - Society of General Internal Medicine
 - American Board of Medical Specialties
 - American Academy of Physician Assistants
 - American Academy of Nurse Practitioners
- Payment Policy Coalitions and Payer/Employer Groups
 - Patient-Centered Primary Care Collaborative
 - National Business Coalition on Health
 - Medco Health Services Policy Group
 - Blue Cross/Blue Shield Policy Group
- Patient/Consumer Advocacy Groups
 - AARP
 - National Consumers League
- Other
 - Pharmacy e-HIT Collaborative
 - Pharmacy Quality Alliance

Approved by the ACCP Board of Regents April 7, 2011

The Board and executive staff welcome the thoughts and ideas of the members of the College in advancing both the strategic plan and the advocacy and communications platform. Indeed, an important driver of success for this effort will be the College's ability to leverage and translate the success, professional relationships, and practices of its individual members into broad policy support for the discipline of clinical pharmacy as a whole. Comments are welcome at <http://www.accp.com/feed-back/index.aspx>.

Selected Policy and Research References:

- Chisholm-Burns MA, Lee JK, Spivey CA, et al. US pharmacists' effect as team members on patient care: systematic review and meta-analyses. *Med Care* 2010;48:923–33. (October 2010)
- Chisholm-Burns MA, Zivin JS, Lee JK, et al. Economic effects of pharmacists on health outcomes in the US: a systematic review. *Am J Health Syst Pharm* 2010;67:1624–34. (October 15, 2010)
- Nkansah N, Mostovetsky O, Yu C, et al. Effect of Outpatient Pharmacists' Non-dispensing Roles on Patient Outcomes and Prescribing Patterns [review]. *The Cochrane Collaboration: Issue 7, 2010*. Available at www.thecochranlibrary.com.
- Steinman MA, Hanlon JT. Managing medications in clinically complex elders. "There's got to be a happy medium." *JAMA* 2010;304:1592–601. (October 13, 2010)
- Avorn J. Medication use in older patients – better policy could encourage better practice. *JAMA* 2010;304:1606–7. (October 13, 2010)
- Weber CA, Ernst ME, Sezate GS, Zheng S, Carter BL. Pharmacist-physician co-management of hypertension and reduction in 24-hour ambulatory blood pressures. *Arch Intern Med* 2010;170:1634–9. (October 11, 2010)
- Smith MA, Bates DW, Bodenheimer T, Cleary PD. Why pharmacists belong in the medical home. *Health Aff* 2010;29:906–13. (May 2010)
- Cutler DM, Everett W. Thinking outside the pillbox – medication adherence as a priority for health care reform. *N Engl J Med* 2010;362:1553–5. (April 29, 2010)
- Parekh AK, Barton MB. The challenge of multiple comorbidity for the US health care system. *JAMA* 2010;303:1303–4. (April 7, 2010)
- De Oliveira DR, Brummel AR, Miller DB. Medication therapy management: 10 years' experience in a large integrated health care system. *J Manag Care Pharm* 2010;16:185–95. (April 2010)

- Carter BL, Rogers M, Daly J, Zheng S, James PA. The potency of team-based care interventions for hypertension – a meta analysis. *Arch Intern Med* 2009;169:1748–55. (October 2009)
- Isetts BJ, Schondelmeyer SW, Artz MB, et al. Clinical and economic outcomes of medication therapy management services: the Minnesota experience. *J Am Pharm Assoc* 2008;48:203–11. (March/April 2008)

Register Your Team for the 2011 ACCP Clinical Pharmacy Challenge



ACCP's novel national pharmacy student team competition enters its second year with a bigger and better configuration. Because of the unprecedented level of interest in the 2010 inaugural competition, ACCP has expanded the Clinical Pharmacy Challenge, adding more online rounds and increasing the number of teams invited to participate in live competitions during the ACCP Annual Meeting.

Team registration is available online. Go to <http://www.accp.com/stunet/> to view current team registrations. Please note that all team registrations must be initiated by a current faculty member at the respective institution. Students interested in forming a team should contact their ACCP faculty liaison at <http://www.accp.com/stunet/liasons.aspx>. All team registrations must be completed by the deadline of September 6, 2011. Go to <http://www.accp.com/stunet/compete/overview.aspx> to register.

Eligible teams will have the opportunity to compete in up to four online rounds, with the top eight teams advancing to the live quarterfinal competition at the 2011 ACCP Annual Meeting in Pittsburgh, Pennsylvania, this October.

Competition Overview

The ACCP Clinical Pharmacy Challenge is a team-based competition. Teams of three students will compete against teams from other schools and colleges of pharmacy in a "quiz bowl"–type format. Only one team per institution may enter the competition. Institutions with branch campuses, distance satellites, and/or several interested teams are encouraged to conduct a local competition ([see http://www.accp.com/stunet/compete/eligibility.aspx#trEligibility_title](http://www.accp.com/stunet/compete/eligibility.aspx#trEligibility_title)). ACCP has created a local competition examination that institutions may use when determining their team representatives. ACCP Faculty Liaisons may obtain the local competition exam by sending an e-mail request to Michelle Kucera at mkucera@accp.com.

Preliminary rounds of the competition will be conducted virtually in September. The quarterfinal, semifinal, and final rounds will be held live at the ACCP Annual Meeting in

Pittsburgh, October 15–17, 2011 (see http://www.accp.com/stunet/compete/eligibility.aspx#trSchedule_title). Each round will consist of questions offered in the three distinct segments indicated below. Item content used in each segment has been developed and reviewed by an expert panel of clinical pharmacy practitioners and educators.

- Trivia/Lightning
- Clinical Case
- Jeopardy-style

Each team advancing to the quarterfinal round held at the ACCP Annual Meeting will receive three complimentary full meeting registrations for students. Each team member will receive an ACCP gift certificate for \$125 and a certificate of recognition. In addition to the above, semifinal teams not advancing to the final round will receive a semifinal team plaque for display at their institution. The second-place team will receive a \$750 cash award (\$250 to each member) and a commemorative team plaque. The winning team will receive a \$1500 cash award (\$500 to each member), and each team member will receive a commemorative plaque. A team trophy will be awarded to the winning institution.

Students are not required to be members of ACCP to participate. Team registration may be submitted online and must be initiated by a current faculty member at the respective institution. Students interested in forming a team should contact their ACCP faculty liaison at <http://www.accp.com/stunet/liaisons.aspx>. If no ACCP Faculty Liaison has been identified, any faculty member from the institution may initiate the registration process. The registering faculty member must confirm the eligibility of all team members and/or alternates online before a team will be permitted to compete in the Clinical Pharmacy Challenge. **The deadline to complete team registration and confirm eligibility is September 6, 2011.**

Teaching and Learning Titles Available at the ACCP Bookstore

The ACCP Bookstore devotes a section at <http://www.accp.com/bookstore/teachingAndLearning.aspx> to educational materials chosen to provide resources for clinical pharmacists involved in the teaching profession who wish to enhance their skill in the classroom and clinic.

Whether you are new to the world of academia or a seasoned educator, you are sure to find helpful titles to enhance your library, with a choice of more than 30 teaching and learning products. Here are some of the most requested books available in the ACCP Bookstore:

ACCP's *Clinical Faculty Survival Guide* (see http://www.accp.com/bookstore/tl_01cfsq.aspx) offers new clinical faculty practical information, advice, and encouragement for succeeding in the roles of practitioner, teacher,

researcher, and scholar. A team of seasoned authors and reviewers provides insights to guide you in a successful career as a clinical faculty member.

If you are a new faculty member, you will find this book helpful and easy to read. If you are a resident, fellow, or graduate student preparing to pursue an academic position, this text will give you a head start on a long and successful career. And if you are a more seasoned faculty member serving as a mentor to younger colleagues, you will find the book's content useful and advantageous for imparting career advice.

This new book integrates with the ACCP Academy programs on Leadership and Management, Research and Scholarship, Clinical Practice Advancement, and Teaching and Learning.

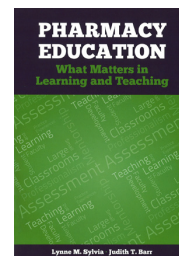
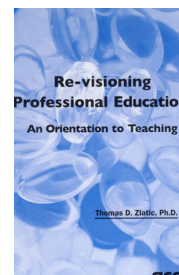
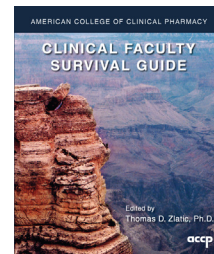
Re-visioning Professional Education: An Orientation to Teaching (see http://www.accp.com/bookstore/tl_01rpe.aspx) presents educational principles that describe how learning takes place and offers a vision for the type of education required to prepare tomorrow's clinical practitioners

Readers are invited to take instructional approaches beyond the mere conveyance of information and to embrace a philosophy, style, and manner of teaching that leads students to master the general and professional abilities necessary for competent pharmacy practice.

A case is made for promoting an active-learning approach that prepares practitioners to provide pharmaceutical care in all of its dimensions—knowledge, skills, attitudes, and values.

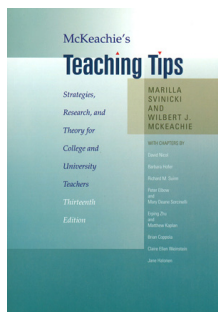
Topics covered include defining and teaching critical thinking, devising active learning strategies, using assessment to structure learning, and employing writing to learn methodologies within professional courses and practice experiences.

Pharmacy Education: What Matters in Learning and Teaching (see http://www.accp.com/bookstore/tl_01pe.aspx) is an essential resource for any pharmacy faculty member. More than a narration of the philosophical aspects of teaching and personal perspectives on life as a faculty member, this book explores what matters, why it matters, and how to apply the material to teaching, learning, and assessment in pharmacy education. This text covers a variety of teaching settings (e.g., large classroom, small group teaching,



clinical site) and guides the reader in developing a deeper understanding of what it means to be a teacher. This book is a valuable tool not only for individual pharmacy educators but also for schools of pharmacy and pharmacy residency programs in their provision of faculty development and preceptor development programs.

McKeachie's Teaching Tips: Strategies, Research, and Theory for College and University Teachers, 13th edition (see http://www.accp.com/bookstore/tl_13mtt.aspx)



provides helpful strategies for dealing with both the everyday challenges of university teaching and those that arise in efforts to maximize learning for every student. The suggested strategies are supported by research and adaptable to specific classroom situations. Rather than suggesting a "set of recipes" to be followed mechanically, *McKeachie's Teaching Tips* gives you the tools needed to deal with the ever-changing dynamics of teaching and learning at the university level.

New to this edition are a chapter on feedback and assessment, a streamlined chapter design that maintains the convenient pocket size, and updates to all chapters on new developments in technology and instructional strategies.

Visit the ACCP Bookstore Teaching and Learning section (<http://www.accp.com/bookstore/teachingAndLearning.aspx>) to learn more about these and other valuable faculty resources.

ACCP PBRN Community Advisory Panel Members Available for Local Educational Events



Do you have an upcoming local event, faculty conference, or practitioner meeting in which a cohort of ACCP members will be present? Do you want a speaker with Practice-Based Research Network (PBRN) experience to present to your group? The ACCP PBRN may be able to help.

Whether you are interested in learning more about the mission and function of the ACCP PBRN, needing insight regarding PBRN research, or wanting to establish collaborative research efforts with both internal and external stakeholders, the Community Advisory Panel (CAP) members of the ACCP PBRN may be able to provide an educational session at your site.

The CAP is a standing committee of the ACCP PBRN with the mission of representing the breadth and depth of ACCP PBRN members. The experience of the CAP members and their clinical practice sites and specialties

vary, mirroring the overall population of the ACCP PBRN membership. The CAP members are located throughout the United States to facilitate the outreach of the network at the regional level. The 2011 CAP members are Edith Nutescu, Chair; Lori Dickerson, Vice Chair; Chris Frei; Janelle Perkins; David Hoff; Orly Vardeny; Nathan Painter; Alan Zillich; Rex Force; and Kari Olson. In addition to providing educational assistance, the CAP will be used as a mechanism for readily available feedback regarding the feasibility and practicality of proposed research projects.

Although the ACCP PBRN would like to accommodate all requests for local meetings, its resources and time are limited. Interested parties are asked to contact us at pbrn@accp.com to determine whether we can provide local support. We look forward to hearing from you.

Faculty and Investigator Participants Head to Arizona for the Focused Investigator Training Program



A cadre of 12 highly experienced faculty mentors and 9 participants will arrive at the University of Arizona for the third annual Focused Investigator Training (FIT) Program this month. The nine experienced investigators selected to attend the FIT Program possess the knowledge and skills required to submit a competitive extramural funding grant such as the NIH. The participants are as follows: Teresa Cavanaugh, Rachel Chennault, Rustin Crutchley, Caroline Gaither, Kathryn Matthias, Marc Scheetz, Neha Sheth, Grant Skrepnek, and Katie Suda. Throughout the week, these nine investigators will maximize pilot data while working with highly funded, experienced mentors from around the country in a collegial setting.

The core activity of the FIT Program, called the *Grant Proposal Group Sessions*, teams the investigators with two faculty mentors and other peer investigators throughout the week. In addition to lectures, participants will engage in panel discussions and small group breakout sessions for basic, clinical, and health outcomes research topics. Moreover, participants will have many opportunities to consult with all the NIH-funded FIT Program faculty mentors, which include three biostatisticians, during one-on-one office hours. The 2011 FIT mentor team is as follows: Julie Banderas, Barry Carter, John Cleary, Reginald Frye, Susan Fagan, Mary Ensom, Vicki Ellingrod, Lynda Welage, Gene Morse, Mary Gerkovich, Greg Stoddard, and Gary Yee.

The FIT Program is partially supported by an educational donation provided by Amgen and in-kind support from the host institution, University of Arizona, College of Pharmacy. The American College of Clinical Pharmacy, which sponsors the FIT Program, is accredited by the

Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The 2011 FIT Program will provide up to 26 contact hours of continuing education credit.

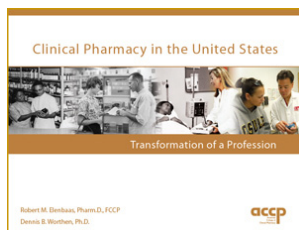
ACCP StuNet Advisory Committee Applications Due June 17

Attention student pharmacists: would you like to become more involved in ACCP? Student members who want to develop leadership skills, expand opportunities for student pharmacists within ACCP, and introduce other students to the many facets of clinical pharmacy are encouraged to apply for appointment to the 2011–2012 ACCP National StuNet Advisory Committee.

The National StuNet Advisory Committee is an ACCP committee composed of members appointed each year by the ACCP President-Elect. Members generally serve a 1-year term, and the committee is typically composed of 8–12 members. The leadership of the committee is also appointed by the ACCP President.

Leadership positions include the Chair (1-year term), the Vice Chair (2-year term; serves first year as the Vice Chair and then assumes the Chair position during the second year), and the Secretary (1-year term). If you are a student interested in serving on the 2011–2012 ACCP National StuNet Advisory Committee, either as a member-at-large or in a leadership role, please visit <http://www.accp.com/stunet/advisoryCommittee.aspx> for more information about the committee and how to apply. The deadline for applications is June 17, 2011.

Seeking a Special Gift for a New Graduate? Consider *Clinical Pharmacy in the United States: Transformation of a Profession*



In the midst of this graduation season, ACCP has a great gift suggestion for the graduating pharmacy student, resident, or fellow.

Drs. Robert M. Elenbaas and Dennis B. Worthen have written a compelling historical analysis of the profession of clinical pharmacy. Detailed accounts of the development of clinical pharmacy are presented, including lively personal reflections from key players in the profession's history. These stories are told in the context of the social, cultural, political, economic, and scientific developments of the past century. This fully illustrated book will educate and enlighten newcomers to the profession as they begin their careers.

See http://www.accp.com/bookstore/la_01cpus.aspx to order your copy of *Clinical Pharmacy in the United States: Transformation of a Profession*. The member price is \$39.95; the nonmember price is \$59.95. To ensure that your copy arrives in time for graduation, please allow 7–10 days for shipment.

Pharmacotherapy Pearls

Call to Pharmacotherapy Reviewers to Update Their Areas of Expertise and Contact Information

Wendy R. Cramer, B.S., FASCP
Richard T. Scheife, Pharm.D., FCCP



Our current Web page for reviewers, authors, and editors is on <http://pharmacotherapyjournal.org> and provides access to a link to our sophisticated online manuscript management system called ScholarOne Manuscripts. This Web-based software allows authors to submit new and revised manuscripts and allows reviewers to perform their reviews online. For the system to work optimally for both reviewers and the journal, it is imperative that the reviewers' areas of expertise, as well as their contact information, be accurate and current.

To this end, we ask that all reviewers for *Pharmacotherapy* update their areas of expertise (choosing as many areas as appropriate) and contact information in our system. To do this, please follow these steps:

1. Go to <http://pharmacotherapyjournal.org> and click on the "Authors" menu; then select "Submit a Paper."
2. Enter your user ID and password into ScholarOne Manuscripts and sign in. If you have forgotten your user ID and password, go to "Password Help," and your user ID and password will be e-mailed to you.
3. Click on "Edit Account" at the top right of the screen.
4. Make the appropriate edits on your areas of expertise and contact data.

We have created just over 100 descriptors of areas of expertise (e.g., anticoagulation, bacterial resistance, acute coronary syndrome) that represent our reviewers. These categories are as follows:

- | | |
|-------------------------|---------------------|
| ACE inhibitors | Analgesia |
| Acute coronary syndrome | Anemias |
| ADHD | Anesthesiology |
| Administration | Anticoagulation |
| Adverse drug reactions | Antiepileptic drugs |
| AIDS | Antifungals |
| Allergy | Anti-inflammatories |
| Alzheimer disease | Antiplatelets |
| Ambulatory | Antiretrovirals |
| Aminoglycosides | Antivirals |

Anxiety
 ARDS
 Arrhythmias
 Arthritis
 Asthma
 Bacterial resistance
 Biotechnology
 Bioterrorism
 Bipolar
 Botulism
 Breastfeeding
 Burns
 C-reactive protein
 CAD
 Cardiology
 COPD
 Community practice
 Complementary and
 alternative medicine
 Computer technology
 Contraception
 Critical care
 Cytochrome P450
 Dementia
 Depression
 Dermatology
 Diabetes
 Dialysis
 Drug abuse
 Drug information
 Drug safety
 Endocrinology
 Epidemiology
 Ethics
 Evidence-based medicine
 Febrile neutropenia
 Fluids and electrolytes
 Fluoroquinolones
 Forensic medicine
 Gastroenterology
 Geriatrics
 Glaucoma
 Gout
 Headache
 Heart failure
 Hematology
 Hospice
 Hypertension
 Immunizations
 Immunology
 Industry
 Infectious disease
 Insomnia
 Legal

Lipids
 Liver
 Lyme disease
 Managed care
 Migraine
 Nausea
 Neonatology
 Neurology
 Neuromuscular-blocking
 agents
 Neuropathy
 Neurosurgery
 Nuclear medicine
 Nutrition
 Obesity
 Oncology
 Ophthalmology
 Outcomes
 Parkinson disease
 Patient safety
 Pediatrics
 Peptic ulcer disease
 Pharmacodynamics
 Pharmacoeconomics
 Pharmacogenomics
 Pharmacokinetics
 Pharmacology
 Pharmacy education
 Pharmacy practice
 Pregnancy
 Psychiatry
 Public health
 Pulmonary
 Quality of life
 Renal
 Restless leg syndrome
 Septic shock
 Sickle cell
 Smoking cessation
 Spinal cord and brain injury
 Statistics
 Stereoisomers
 Steroids
 Stroke
 Study design
 Surgery
 Thrombocytopenias
 Thyroid
 Toxicology
 Transplant
 Travel medicine
 Urology
 Vancomycin
 Women's health

As you well know, this maneuver will help ensure that you receive papers in your specific areas of expertise. We appreciate your taking the time to update this information.

New Web-Based CPE Program Available on the ACCP Web Site

A new on-demand continuing pharmacy education (CPE) activity, **Optimizing Bone Health in Cancer Patients**, is now available at the ACCP Web site. This activity highlights the role of bisphosphonates and new and emerging bone-targeted therapies in treating patients with bone metastases or cancer treatment-induced bone loss (CTIBL). Developed by content matter experts, this activity is approved for 1 hour of CPE credit and can be accessed online, anytime before May 23, 2012. Click [here](http://www.accp.com/education/freeCEPrograms.aspx) (<http://www.accp.com/education/freeCEPrograms.aspx>) to link to the program. There is no fee to participate in this educational offering.

New Members

Arin Adamson	Carl Dominguez
John Agyemang	Katarzyna Drozda
Ghada Al Tajir	Khalid Elased
Gale Albrecht	Christine Ellis
Rana Almadany	Jacob Enlow
Enock Anassi	Kimberly Erdner
Jayme Anderson	Michele Farrington
Jordan Anderson	Carol Freedman
Phyllis Arakaki	Marina Galvez Peralta
Jody Atherton	Katie Gannon
Krysta Baack	Melat Garedeu
Nazanin Bagheri	Rikki-Leigh Gaudet
Michael Berger	Madhavi Gavini
Thomas Bodendorfer	Brian Gilbert
Traci Bricker	Kirbie Guerin
Laura Briscoe	Paul Handley
Mark Brockway	Amy Harris
Jennifer Bryant	Velma Henry
Karla Burnette	Krystal Hicks
Matthew Canciller	Souraya Hijazi
Krista Capehart	Matt Hoch
Nicholas Carris	Meredith Holmes
Huey-Ling Chang	Kuang-Chih Hsieh
Jared Chiarchiaro	Sarah Hwang
Hui Min Chua	Jessica Inboden
Ittiporn Chuatrisorn	Jonathan Jackson
Jenny Chun	Julianne Jeffries
Katherine Cinnamon	Grace Jiang
Terri Cirves	Hallie Jung
Kristine Collins	Julie Kalabalik
Casey Combs	Laura Kangas
Jacquelyn Constable	John Kelsey
Jessica Conway	Jarrod Kile
Gayle Cotchen	Amy Kim
Dawn Currie	Darrelle Knight
Cat Tien Do	Jill Kozuki
Christy Doan	Tommy Kwok

Neil Labak
Louchard Lamothe
Aileen Le
Crystal Lee
Cynthia Lee
Stephen Lee
Maryjoy Lepak
Bich-Lien Le-Ta
Siew-Woon Lim
Ker Yun Loh
Debbie Lu
Jesse Lunde
Leon Lundie
Allison Lynch
Erin Mancl
Victoria Mangano
Sara Markowski
Amy McCarthy
Joseph McCoy
Krista McCoy
Kaitlin McGinn
Cristian Merchan
Sarah Meyer
Andrea Milner
James Miloshoff
Abdirizak Mire
Afzal Mistry
Bashir Mohammad
Scott Mong
Michael Montoya
Patrick Morrison
Alexandra Morse
Jacob Morton
Sue Nadeau
Abdul Nazir
Eric Neilson
Pit Wei Ng
Olivia Nguyen
Thao Nguyen
Brett Noteware
John Okogbaa
Kaci Okumoto
Tom Palma
Kevin Patel
Khusbu Patel
Sruti Patel
Ann Patten
Courtney Perry
Sharon Perry
Peter Petrov
Julie Phan
Sarah Phanco
Yinghui Pu
Jenny Puchot
Lisa Reimer

Jennie Roberts
Kristina Rokas
Sarabjit Sandhu
Amy Sapola
Jonathan Savoy
Annette Schall
David Schmidt
Corissa Schnell
Christine Schooler
Brooke Schug
Caitlin Shamroe
Alyssa Shangraw
Rebekah Sherman
Kimberly Shipp
Rachel Simons
Lindsay Skomrock
Andrew Smith
Stephanie Soler
Eunju Song
Karen Soong
Blythe Steele
Patrick Tabon
Leslie Taleroski
Constance Teo
Nathaniel
Thompson-Moore
Maria Thurston
Kim To
Denise Traficante
Linh Tran
Julieth Urbina
Anh Vu
Patrice Wagman
Matthew Walbrown
Julie Welge
Stacey Williams
Sara Wolf
Daisy Yang
Andrea Yuen
Yi Ching Yuen
Alyssa Zortman
Jennifer Zumoff

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

Jennifer Arnoldi
Ryan Bookout
Mei-Hua Chuang
Stephen Craul
Sara Dadayan
Tahereh Dadyan

Alia Daghestani
Thomas Dickson
Stacie Evans
Rajul Gandhi
Kara Johnson
Tracy Kosinski
Sandra Leal
Anne Mattson
Andrea Montelaro
Logan Saito
Nivine Sedra
Adele Shields
Vivianne Shih
Steven Smith
Andrew Varker
Michael Verga
Julia Wang
Alana Young

New Member Recruiters

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

Houry Weston Bush
Allison Chung
Lawrence Cohen
Kathryn Connor
Martha Espinoza
Jomy George
John Gums
Tami Johnson
Lisa Keller
Kelly Lee
Joel Marrs
April Miller
Kristin Nichols
Bradley Phillips
Danielle Smidt
Sarah Spinler
Robert Talbert