

ACCP Report

Timothy J. Ives, Pharm.D., MPH, FCCP, BCPS; Editor
Robert M. Elenbaas, Pharm.D., FCCP; Executive Director

Vol. 22, No. 11; November 2003

Frontiers Campaign Launched at 2003 Annual Meeting

The Frontiers Fund—a major new initiative that will raise \$1.25 million over three



years—was launched very successfully by the ACCP Research Institute during the College's recent Annual Meeting in Atlanta. "All evidence-based clinical pharmacy practice is built on research," commented Brad Boucher, Pharm.D., FCCP, BCPS, Research Institute Chair. "Clinical and translational research provide evidence to support rational pharmacotherapy. Pharmacy-based health services research helps expand the frontiers of pharmacy practice, develop new and expanded professional roles for pharmacists, and evaluate new business-practice models."

John Rodman, Pharm.D., FCCP, and William Evans, Pharm.D., FCCP, BCPS, serve as Co-Chairs of the Frontiers Fund Campaign Committee. "The previous financial-base of the Research Institute has not always allowed maximum support of both pharmacy-based health services research and clinical and translational research that is needed now," continued Dr. Rodman. "The Frontiers Fund will enable that opportunity."

"By working together, ACCP members can expand pharmacy's frontiers," said Dr. Evans. "Through the Frontiers Fund, we will be able to support clinical, translational, and pharmacy-based health services research in areas that extend beyond those funded by existing ACCP awards and grants. Plus, we will be able to support the development of clinical pharmacy researchers for careers in academia and industry. This research and the development of clinical pharmacy's science base is important to the practices of ACCP members."

"Our immediate goal is to provide at least \$150,000 in support of new and expanded grant opportunities for ACCP members in 2004," continued Boucher. "These new grants will directly support previously unmet or under served areas of pharmacy-based health services, clinical, or translational research. Our goal is to grow this funding to about \$500,000 within the next few years."

"But these goals can't be achieved without the help of *all* ACCP members," stressed Rodman. "We hope that everyone

will take a few minutes to learn more about the Frontiers Fund when they receive information about the campaign later this month."

"And that they will join us in adding their critical, personal support to the important work the Frontiers Fund will accomplish on behalf of clinical pharmacy and the patients we serve," concluded Evans.

Amgen Provides Grant Support for ACCP's Pharmacogenomics Series

Amgen, Inc., will provide ACCP an unrestricted educational grant of \$125,000 as sole sponsor of ACCP's soon-to-be-released publications series, *Pharmacogenomics: Applications to Patient Care*. ACCP President Mary Beth O'Connell announced the grant November 2 during ACCP's 2003 Annual Meeting in Atlanta.

"Amgen is providing ACCP with a significant educational grant to help support development of the pharmacogenomics series," O'Connell said. "ACCP and Amgen have enjoyed a wonderful partnership over the years. Their support of the pharmacogenomics series will help ACCP bring important new knowledge to our members and the pharmacy profession."

Amgen representatives and ACCP members Timothy McNamara, Pharm.D., and Kal Chatto, M.S., were on hand to present the grant, which will assist in the development and publication of the pharmacogenomics series.



Educational Series Designed for both Pharmacists and Pharmacy Students

Pharmacogenomics: Applications to Patient Care is a modular-based publications series that will prepare pharmacists to integrate pharmacogenomic principles into practice. Developed by a multidisciplinary editorial board, the series teaches the basics of genetics and pharmacogenomics, and discusses applications in specific therapeutic areas. Equally useful as an instructional tool for pharmacy students and as a self-study resource for practicing pharmacists, the chapters in

each module include important structural elements to reinforce learning. Each chapter provides:

- Content outlines
- Learning objectives
- Key words and abstracts
- Self-assessment questions
- References

The series is available in both print and online formats. Continuing pharmacy education credit will be available for each module in the series.

Modules 1-3 Slated for February 2004 Release

The first book in the *Pharmacogenomics* series will be released February 2004. The book will include three modules: *Fundamentals of Applied Human Genomics*, *Fundamentals of Pharmacogenomics*, and *Pharmacogenomic Applications in Patient Care*. A fourth module, *Pharmacogenomics in Drug Development*, is scheduled for release in 2005.

Module 1, *Fundamentals of Applied Human Genomics*, introduces genetics and molecular and cellular biology, and how these disciplines can be used to explain the possible genetic basis for variability in drug response. The module discusses bioinformatics, including major database resources, and methods and the application of bioinformatic studies to pharmacogenomics. Module 1 also presents ethical issues in genomics.

Module 2, *Fundamentals of Pharmacogenomics*, introduces the pharmacogenetics of oxidative drug metabolism, including current and potential clinical applications to tailor drug therapy. The module presents drug transporter pharmacogenetics, including localization and function, genetic variability, and related clinical consequences.

Module 3, *Pharmacogenomic Applications in Patient Care*, discusses current and future pharmacogenomic applications for several therapeutic areas.

- Oncology and hematology: the role of pharmacogenetics in carcinogenesis, clinical use of pharmacogenomics and pharmacogenetics in oncology pharmacotherapy, and the use of pharmacogenomics in developing new antineoplastic agents.
- Cardiovascular disease: the effects of drug metabolizing, drug transporter and drug target gene polymorphisms on cardiovascular drug responses; the potential impact of genetic variation on responses to cardiovascular drugs; and the potential for pharmacogenomics to improve cardiovascular disease management.
- Transplantation: the current understanding of clinical pharmacogenomics in the pharmacotherapy of patients undergoing transplantation, identifying candidate genes, establishing outcome markers, and analyzing this information in patients undergoing transplantation.

Other chapters in Module 3 discuss pharmacogenomic applications in infectious diseases, psychiatry, central nervous system disorders, immunology, and respiratory diseases.

Order Now for February 2004 Delivery

Reserve your copy now for February 2004 delivery of *Pharmacogenomics: Applications to Patient Care*, which includes Module 1 through 3. Order through the ACCP Online Bookstore at www.accp.com, by phone at (816) 531-2177, or by fax at (816) 561-0058. Please mention promotional code RA1103. Quantity discounts are available.

Pharmacogenomics: Applications to Patient Care (Modules 1-3)

	ACCP Members	Non-Members
Print	\$79.95	\$114.95
Online	\$59.95	\$89.95
Print and Online	\$104.95	\$154.95

Single modules, available online only

<i>Fundamentals of Applied Human Genomics</i>	\$29.95	\$49.95
<i>Fundamentals of Pharmacogenomics</i>	\$29.95	\$49.95
<i>Pharmacogenomic Applications in Patient Care</i>	\$29.95	\$49.95

Pricing information for Module 4, *Pharmacogenomics in Drug Development*, will be available in late 2004.

New Name, Same ACPE

Founded in 1932 as the American Council on Pharmaceutical Education (ACPE), ACPE is the national agency for accreditation of professional degree programs in pharmacy, and providers of continuing pharmacy education, including certificate programs. At its August 2003 meeting, the ACPE Board of Directors approved a name change for the agency to the Accreditation Council for Pharmacy Education.

The name change was selected because:

- the former name did not state ACPE's main purpose and function-accreditation of providers of pharmacy education;
- the term "pharmaceutical" has caused confusion regarding whether ACPE's mission is primarily related to pharmaceutical manufacturers; and
- the term "pharmaceutical" tends to emphasize the medication-related aspects of the education more than the commitment to patient care that "pharmacy" now denotes.

"Our founding name has served ACPE well for many years ...," said ACPE Executive Director Peter H. Vlases, Pharm.D., FCCP, BCPS. "The new name better reflects who we are and what we do."

Good news! The acronym is still ACPE.

President's Column

John A. Bosso, Pharm.D., FCCP, BCPS

It's Good to be the King!

Now that I've got your attention, I'd like to share a few thoughts and



observations. As I prepare to take the reins of ACCP as its 2003-2004 president, I can't help but reflect on the origins of the organization and where it is today. Starting with far fewer than 100 founding members, most of whom were academically based, we now number about 8000 and academicians are a minority group. Once the bastion of hospital-based clinical practitioners, ACCP's average member today is more likely to be engaged in ambulatory care. In the not so distant past, it was often charged that the elected leadership, committee members, PRN chairs, and so on were all part of the "good old boys" network. Although people who repeatedly volunteer and do a good job, tend to be called on again, an examination of recent elected officers and committee composition proves that opportunities for involvement and advancement within the organization abound and that many, many members avail themselves of those opportunities.

Despite all of these obvious changes, the organization, through the yeoman efforts of its past leadership and past and current staff, has managed to stay true to its core ideals and values. ACCP is still the clear leader in the areas of clinical pharmacy practice and research. Further, we will continue that focus and commitment as the membership and the profession continue to evolve and grow. We will maintain our commitment to research and its importance as a basis for clinical practice. In keeping with that commitment, I urge all members to support the College's initiatives in this area by contributing to the new Frontiers Campaign.

One of the first, and perhaps most intense, responsibilities of the president-elect is to deal with the organization's committees. This is vital, as the committees are the mechanism by which the members accomplish much of the business of the organization. Each year, with the help of the executive committee and key staff and with final approval of the Board of Regents, charges are reiterated and refined, new are charges added, and task forces are created to accomplish ad hoc projects that do not fall naturally under the purview of one of the standing committees. Reflecting the member-driven nature of the College's agenda, new committee and task force charges come from member surveys, your elected officers, and the strategic plan (which is prepared with extensive member input). Once charges are set, chairs are selected carefully, and committee members are chosen from the many volunteers. This year, we were once again confronted with the good news/bad news scenario of too many committee volunteers and not enough membership slots. (If you volunteered this year and weren't appointed, volunteer again next year-you'll undoubtedly get your first choice in committee assignments!)

Each new president is able to operationalize his or her agenda through committee and task force charges. My issues arise from what I see happening in the world of health care in general and pharmacy in particular that will impact clinical pharmacy, similar issues raised by the Regents and staff, and what the membership is telling us in our surveys of their opinions. A number of examples can be cited in this year's charges. The Board Certification Affairs Committee has been charged to work directly with our colleagues at the Board of Pharmaceutical Specialties (BPS) to prepare materials that can be shared with clinical pharmacists' employers (e.g., health system administrators, pharmacy directors, and academic

pharmacy chairs and deans) stressing the importance of hiring clinical pharmacists who are board certified. The Committee will also help BPS identify target audiences/ mailing lists and assist in delivering this message in an ongoing and repetitive manner. Those of you in academia know that the Accreditation Council for Pharmacy Education (ACPE) is in the process of revising the accreditation standards for professional degree programs. The Educational Affairs Committee will study the first revision of the standards, which is due in January, 2004, and advise the Board of Regents on how the College should comment.

The Constitution and Bylaws Committee, in keeping with the ever-changing nature of the College, has been charged to study the continued need for our current standing committees, suggest others, and perhaps change its own scope to broaden its input over other organizational affairs. In responding to input gained from our annual membership survey, the Annual Meeting and Spring Forum Program Committees have been tasked to make increased use of active learning/participation methods so that they account for as much as 50% of all programs. Special task forces are being appointed or reappointed to further our agenda in such areas as advocacy and pharmacotherapy in the elderly. Our advocacy efforts have blossomed and borne fruit in the past year and we look forward to other areas in which the College can help shape policy and legislation affecting clinical pharmacy practice.

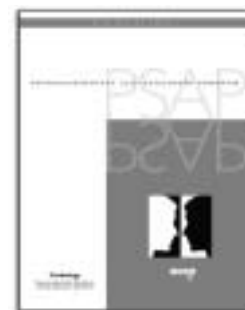
We're in for an exciting year that will involve some significant changes in the organization's evolution. In addition to new committee chairs, PRN officers, Board of Regent members, and new staff additions, we will experience the passing of the baton from the College's only Executive Director, Dr. Robert Elenbaas, to his successor, Dr. Michael Maddux. Although the average member will never comprehend the importance of Bob's contributions to this organization, I feel confident that Mike is up to the task of carrying on with the usual standards of excellence to which we've become accustomed.

I urge each of you to contact me during the year as issues arise that you think deserve my attention, or that of the Board of Regents or the College's staff. I will do my best to be accessible and responsive to your needs and suggestions. Feel free to contact me by e-mail (bossoja@musc.edu) or phone (843-792-8501).

PSAP-V Coming Soon!

ACCP's acclaimed *Pharmacotherapy Self-Assessment Program*, Fifth Edition (PSAP-V), is coming in January 2004. As a special offer, if you order the full 11-book series of PSAP-V before December 31, 2003, you will receive a free copy of *The Top 100 Drug Interactions: A Guide to Patient Management*, 2003 Edition, by Philip D. Hansten, Pharm.D., and John R. Horn, Pharm.D.

PSAP helps clinical pharmacists hone their skills, update their knowledge in pharmacotherapy science and application,



and stay abreast of new innovations. This comprehensive, cost-effective professional development tool is again available in both print and online versions.

PSAP Online offers quick and easy access to chapters and references. Participants can take the self-assessment examination online and submit it immediately. The print and online versions are identical. Both versions:

- have been expanded to cover 14 therapeutic areas,
- contain all new information that discusses drug therapy innovations from the past three years,
- offer at least 198 hours of continuing education credit, and
- are approved by the Board of Pharmaceutical Specialties for use in BCPS recertification.

This up-to-date resource provides pharmacists with professional development at their own pace and includes clinical practice guidelines and treatment algorithms to help them solve complex therapeutic problems.

The 11 books that comprise PSAP-V will include:

- Cardiology
- Health Care Stakeholders
- Psychiatry
- Geriatrics/Special Populations
- The Science and Practice of Pharmacotherapy
- Infectious Diseases
- Gastroenterology/Nutrition
- Chronic Illnesses
- Chronic Illnesses/Pediatrics
- Oncology
- Critical Care/Transplantation

Each chapter includes updates of critical pharmacotherapy with a focus on the provision of quality patient care to improve patient outcomes, annotated references that direct health care professionals to additional resources for further study, and multiple choice self-assessment questions in case-study format written to improve participants' clinical management skills. One new change to PSAP-V is that the answer booklets will **only** be sent to subscribers who send in a test sheet. Another new feature is the footnotes listed in the text, giving readers more information on where to find specific information about something the author is discussing.

For more information about PSAP-V or PSAP Online, contact ACCP at www.accp.com or visit www.psap.org. Remember to order before December 31 to receive your free copy of *The Top 100 Drug Interactions*.

Call for Nominations

All nominations should be sent to the indicated committee chair in care of: ACCP, 3101 Broadway, Suite 650, Kansas City, MO 64111. Additional information on award criteria may be obtained from ACCP headquarters.

ACCP Fellows: Fellowship is awarded in recognition of continued excellence in clinical pharmacy practice or research. Nominees must have been a full member of ACCP for at least five years; must have been in practice for at least eight years since receipt of their highest pharmacy degree;

and must have made a sustained contribution to ACCP through activities such as attendance or presentation at College meetings; service to committees, PRNs, or chapters; or election as an officer. Candidates may be nominated to the Chair of the Credentials Committee by any two Full Members other than the nominee or by any Fellow. Current members of the Board of Regents are ineligible for consideration. **Nomination deadline: December 15, 2003.**

Officers and Regents: President-Elect, Secretary, Regents, Research Institute Trustee. Nominees must be a Full Member of ACCP and should have demonstrated excellence in clinical pharmacy practice, research, or education; demonstrated leadership capabilities; and should have made prior contributions to ACCP. Current members of the Nominations Committee are ineligible. Send nominations to Chair, Nominations Committee. **Nomination deadline: November 30, 2003.**

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, financial, technological, information processing, service delivery, models of care, and advocacy. The award is not limited to pharmacists or ACCP members. All nominations must be accompanied by the nominee's curriculum vitae, resume, or biographical sketch as available, and at least three letters of support that describes the individual's accomplishments relative to the award criteria, at least one of which is from an individual outside the nominee's current practice locale. Current members of the Board of Regents, Selection Committee, or ACCP staff are ineligible. Letters of nomination should be sent to the Chair of the Parker Medal Selection Committee. **Nomination deadline: December 15, 2003.**

Letters of nomination for the following ACCP awards should be sent to the Chair of the Awards Committee. All nominations must be accompanied by the nominee's curriculum vitae and a letter of support that describes the individual's accomplishments relative to the award criteria. Additional letters of support also may be included, particularly when the curriculum vitae may not have enough relevant information for a specific award. Current members of the Board of Regents, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: November 30, 2003.**

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 pharmacy continuing education, or shown leadership in the development of clinical pharmacy education programs.

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.

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.

Young Investigator Award: This award will be given at the College's 2005 Spring Forum. Its purpose is to highlight the research program of an ACCP member who has made a major impact in an aspect of clinical pharmaceutical science. Nominees must have been a member of ACCP for more than three years; must be less than six years since completion of their terminal training or degree, whichever is most recent; and must have a research program with a significant publication record having a programmatic theme, or an especially noteworthy single publication. Fellows of ACCP (i.e., "FCCP") are not eligible. The award recipient will present a lecture at the College's 2005 Spring Forum based on his or her work.

Therapeutic Frontiers Lecture: Honors an internationally recognized scientist whose research is actively advancing the frontiers of pharmacotherapy. Recipients need not be ACCP members.

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.

2004 International Congress on Clinical Pharmacy

April 28 - 30, 2004; Paris, France
**Optimizing Outcomes in Pharmacotherapy
Hosted by ACCP and the
European Society of Clinical Pharmacy**

Wednesday, April 28, 2004-Patient Safety

- ◆ Plenary Session 1: Global Monitoring Systems: From Data Collection to Patient Safety
- ◆ Plenary Session 2: From Medication Errors to Patient Safety

- ◆ Workshop 1: Vigilance of Medical Devices
- ◆ Workshop 2: Pharmacovigilance
- ◆ Workshop 3: Systems to Detect and Prevent Medication Errors
- ◆ Workshop 4: Methodological Approaches to Medication Error Systems

- ◆ PRN/SIG Session: Common Controversies in Ambulatory Care: Using Evidence and Guidelines to Optimize Patient Care
- ◆ PRN/SIG Session: Optimizing Antimicrobial Therapy: 2004
- ◆ PRN/SIG Session: Pediatrics and Patient Safety: Focus on Pediatric Medications

Thursday, April 29, 2004-Clinical Guidelines

- ◆ Plenary Session 3: Optimizing Patient Care Through Clinical Practice Guidelines
- ◆ Plenary Session 4: Using Clinical Practice Guidelines to Improve Patient Care: Global Models of Success

- ◆ Workshop 1: Implementing Sedation and Analgesia Guidelines for Critically Ill Adults
- ◆ Workshop 2: Clinical Practice Guidelines: Tools to Promote Best Practice in Anticoagulation
- ◆ Workshop 3: Clinical Practice Guidelines in an Oncology Network
- ◆ Workshop 4: Teaching and Practice: the Development and Application of Pharmaceutical Care Assessment Tools Based on Clinical Guidelines
- ◆ Workshop 5: Thromboembolic Diseases
- ◆ Workshop 6: *To be announced*
- ◆ Workshop 7: Evaluation and Use of Clinical Practice Guidelines in the Elderly to Optimize Geriatric Pharmacotherapy
- ◆ Workshop 8: Collaboration Between Industry and Health Systems in Ensuring the Optimal Economic and Humanistic Outcomes in Patient Care

- ◆ PRN/SIG Session: Population Pharmacokinetics in Clinical Practice
- ◆ PRN/SIG Session: New Therapies: Evidence-Based Medicine and Innovative Care for Women
- ◆ PRN/SIG Session: Evolution and Emerging Standards of Care in the Treatment of Sepsis

Friday, April 30, 2004-Pharmacy Workforce

- ◆ Plenary Session 5: Meeting the Challenge: the How do we Develop Pharmacy Workforce Needed to Optimize Pharmacotherapy Outcomes?
- ◆ Plenary Session 6: Pharmacists Have Never Been so Competent: the Pro and Cons

Call for Abstracts

Pharmacists are invited to submit abstracts for adjudication by the scientific committee of the symposium. All the accepted submissions will be presented in poster format. Selected submissions considered to have especially broad appeal may be assigned for poster discussion forum, oral communication, or poster presentation.

ESCP will only accept abstracts submitted electronically at:

<http://www.escp.nl>

Starting date for abstract submission: July 1, 2003.

Deadline: January 15, 2004



The American College of Clinical Pharmacy is approved by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The International Congress on Clinical Pharmacy will provide up to 15.0 contact hours of continuing pharmacy education credit.

Pharmacotherapy Pearls

So You've Been Considering Becoming a Reviewer for Pharmacotherapy: How Is the Game Played?

Wendy R. Cramer, B.S., FASCP

Richard T. Scheife, Pharm.D., FCCP

What Does Pharmacotherapy Expect of You?

As a reviewer, you have responsibilities to two main players: the author and the editor. Your mission is the pursuit of "truth and beauty". Is this good science? What is the impact or importance of the topic? You are acting as a filter for flawed, outdated, or dangerous work, thereby preventing its publication.

Your next task is to detail to the editor how nonfatally flawed papers can be made more perfect. This process includes the following considerations:

- (1) Evaluate originality, quality, and overall importance of the paper.
- (2) Identify errors, misinterpretations, overinterpretations, and "crimes of passion" of the authors.
- (3) Identify and, if possible, provide missing information.
- (4) Support your comments with appropriate references, if possible.
- (5) Make potential conflicts of interest regarding the author known to the editor.
- (6) Point out areas in which you are not qualified or comfortable to critique (keep in mind, absence of comments on, for instance, study design or statistics, infers correctness).
- (7) Inform us if you have previously reviewed this paper for another journal.
- (8) In addition to identifying faults, positive comments are encouraged when appropriate.

General Guidelines for Preparing Your Review

- (1) Line-by-line comments on grammar are not necessary; a global comment may be appropriate (e.g., "many spelling errors," "text is very difficult to follow").
- (2) Please endeavor to complete your review within the allotted time frame. You can be sure that all journals keep track of reviewer performance.
- (3) Please inform us immediately if you are unable or unwilling to review the paper. We encourage you to recommend another qualified reviewer, if possible.

- (4) Respect that the manuscript is a privileged communication, is confidential, and is for your eyes only.
- (5) You may request that all manuscripts sent to you for review have the authors' names removed (a "blind" review).

What Should Reviewers Expect of Pharmacotherapy?

- (1) The journal should appropriately designate and update reviewers' areas of interest and expertise.
- (2) The journal should be sensitive to the reviewer's time (e.g., number of reviews/year; turnaround time for each review; vacations)
- (3) The journal should provide ongoing teaching by sending copies of all reviewers' comments to each reviewer.
- (4) The journal should document and acknowledge the contributions of reviewers to the scientific literature and assist reviewers in their pursuit of tenure and promotion.

Want to serve as a reviewer for *Pharmacotherapy*? Contact us by e-mail (rscheife@accp.com or wrcramer@accp.com) or by telephone at (617) 636-5390.

Awards, Promotions, Grants, etc.

C.A. Bond, Pharm.D., FCCP, **Cynthia L. Raehl**, Pharm.D., FCCP, and coauthors have received the 2003 Research Award for Achievement in the Professional Practice of Pharmacy in Health Systems from the ASHP Research and Education Foundation for their paper "Clinical pharmacy services, hospital pharmacy staffing, and medication errors in United States Hospitals" (*Pharmacotherapy* 2002;22:134-147).....**Robert M. Elenbaas**, Pharm.D., FCCP, ACCP Executive Director, was recently honored as the Distinguished Alumnus for 2003 by the University of California-San Francisco Pharmacy Alumni Association.....**Mary H.H. Ensom**, Pharm.D., FASHP, FCCP, FCSHP, University of British Columbia, has been conferred the designation "Distinguished University Scholar". The award recognizes exceptional faculty who have distinguished themselves as scholars in research and teaching.....**Harvey E. Maldow**, Wilmington, DE, has been elected to the Council of Overseers at the Arnold and Marie Schwartz College of Pharmacy and Health Sciences of Long Island University.....The following ACCP members have recently joined the faculty of the Midwestern University Chicago College of Pharmacy as assistant professor: **Kelly Brock**, Pharm.D.; **Margie Budz**, Pharm.D.; **Brian Cryder**, Pharm.D.; **Kathleen Dennis**, Pharm.D.; **Joy Ezidinma**, Pharm.D.; **Jacob Gettig**, Pharm.D.; **Jessica Mitchell**, Pharm.D.; **Saeed Rasty**, Pharm.D., BCPS; and **Brooke Sweeney**, Pharm.D.

New Members

May Achi	John D. Kuthe
Heather Adrian	Alice Leone
Lisa Amsbaugh	Amber Lienemann
Pooja Arora	Christopher R. Lisek
Sanela Bajic	Jennifer Lofquist
Christine Barry	Christopher Martin
Tim Bartlett	Megan McCartan
Robin E. Bennett	Violetta A. McCarthy
Robyn Boardman	Katherine S. Medley
Natalie G. Boggs	Caron Misita
Richard L. Caudill	Kathryn M. Momary
Christine A. Chatas	Jennifer L. Morris
Sabrina W. Cole	Daniel Morrison
Christy L. Collard	Gary D. Mount
Ariane Conrad	Andrea K. Nasstrom
David S. Craig	Julia K. Nguyen
Thomas Dailey	Kally D. Nguyen
Jack W. Dean	Chad K. Patel
Kiran B. Dole	Kanika Pattanaphikun
Melody Duffalo	Przemyslaw Radwanski
Kelly Edwards	Diane Rhee
Jeffrey Fong	Adele H. Rike
Angela Fouts	Guevara Rowand
Jefferson Fredy	Sara Schoenfelder
Loriann Furman	Sharla Scott
Daniel J. Gardner	Jaekyu Shin
Myra L. Gobble	Michelle Simpson
Courtney Hannon	Devada Singh
Danielle Harris	Abigail L. Sommer
May N. Hoang	Sidney D. Spittel
Thanh T. Hogan	Jeffery Spray
Justin Hooper	Jennifer J. Steffensmeier
Rachel Hroncich	Penny Stewart
Travis K. Hudnall	Manisa Tanprayoon
Angela Hunter	Margaret N. Taylor
Lan-Anh Huynh	Bhairvi Thaker
DeAnn Jones	Pamela K. Throgmorton
Jetavia D. Jones	Peter Tichy
Joseph K. Jordan	Hope Tran
Rodney M. Jorstad	Stephen H. Tran
Eun-Jeong Kim	Carole Tucker
Sunghyun Kim	Angela R. Vinti
Glynis Kinney	Kara Lee M. Yukumoto Chao
Mandy W. Klingenberg	W. John Zemke

The following individuals recently advanced from Associate to Full Member:

Mary Emami
Michael Gulseth
Fayaz B. Hirji
Kristin C. Klein
Melissa Mead
Robert T. Meyer
Robert E. Smith
Mary B. Todd

New Member Recruiters

Special thanks to the following individuals for inviting their colleagues to join them as ACCP members:

Nanette Berensen
Jill Burkiewicz
John Cleary
Renee DeHart
Daniel Diggins
Steven Erickson
Cynthia Kirkwood
Christian Klem
Leon Lee
Alicia Mack
Doug Parr
Margaret Peters
Steve Petersen
Jennifer Phillips
Holly Rickman
Janell Schultz
Teresa Seo
Robert Talbert
Victoria Timmons

**Anticoagulant Pharmacist
King's Daughter's Medical Center
Ashland, KY**

Knowledge, expertise, trust; they work in every area of Cardinal Health. A Fortune 19 company, Cardinal Health has been trusted by healthcare providers to achieve their pharmacy goals for more than 30 years. We offer a comprehensive solution to address every dimension of pharmacy performance, and we bring the experience to rapidly achieve desired results. Cardinal Health is the leading provider of products and services supporting the health care industry offering a broad spectrum of pharmacy opportunities within diverse health care settings. We are making life better for millions of people. You can, too.

We are currently seeking a full-time pharmacist to assist with implementation and to run the Anticoagulation Clinic at King's Daughters Medical Center in Ashland, KY. This pharmacist will initially staff the Anticoagulation Clinic three days per week, with remaining time spent staffing inpatient pharmacy. A key responsibility of our pharmacist is to ensure the safe and effective use of antithrombotic medications, primarily warfarin. Responsibility will also include patient interviews, basic physical exams, analysis of lab data, assessment of therapy and presence of adverse drug events, patient education, documentation of interventions, identification of potential need for triage, billing for services, communication with prescribers, and scheduling of medical follow-up. Candidates must have excellent communication skills - verbal and written, as well as documentation and time-management skills. Candidates must have a minimum Bachelor of Science in Pharmacy; a Pharm. D. is preferred. Hospital, anticoagulation experience and residency also preferred. Potential for full-time position if need for anticoagulation services permit.

Qualified candidates are encouraged to apply online at www.Cardinalcsc.com or e-mail resumes to *Darlene.Gartner-Pinion@cardinal.com*

EOE-Diversity works here.

**Assistant/Associate Professor of Pharmacy Practice
(Psychiatric Pharmacy Practice)**

Full-time, tenure-track appointment in the Division of Pharmacy Practice at the level of Assistant or Associate Professor. The successful candidate will be responsible for providing instruction to Doctor of Pharmacy students and conducting research in psychiatric pharmacy. The individual will maintain a psychiatric pharmacy practice and precept a limited number of professional experience student rotations. Minimum qualifications include Doctor of Pharmacy degree and specialized residency in Psychiatric Pharmacy Practice or equivalent practice experience. A research fellowship or equivalent experience is preferred. Position available in January, 2004.

For best consideration, applications must be received by December 1, 2003; however, applications will be accepted until the position is filled. Inquiry can be made by e-mail to: robert.cluxton@uc.edu. Verbal and e-mail inquiry and/or expression of interest will be kept confidential.

Qualified applicants are invited to send a signed letter of interest, CV, and three professional references to:

**Robert J. Cluxton, Pharm.D.
University of Cincinnati College of Pharmacy
3223 Eden Avenue PO Box 670004
Cincinnati, OH 45267-0004**

The University of Cincinnati is an equal opportunity employer. Unless confidentiality is requested in writing, information regarding the candidates must be released upon request. Finalists cannot be guaranteed confidentiality.

The University of Missouri Kansas City School of Pharmacy
is seeking two highly creative and motivated individuals for the following positions:
Adult Medicine Clinical Faculty

Two full-time, nontenure-track positions in Adult Medicine at the Clinical Assistant/Associate Professor level are available within the University of Missouri-Kansas City School of Pharmacy (SOP) Division of Pharmacy Practice. UMKC exemplifies academic excellence, innovation, accountability, diversity, and collaboration and is creating new standards in higher education. As nontenure-track faculty members, the persons are expected to contribute to the education, research, and service missions of the School and University. The faculty members will establish and maintain a clinical site to support experiential pharmacy student education and their own practice. They will also teach in a progressive curriculum and establish and maintain an active program of scholarship. Academic, community, and/or professional service are important to the success in these positions.

One position is at Research Medical Center (RMC), a tertiary care institution in Kansas City with an average daily census of 275-300 patients. The practice is with a Family Medicine inpatient service, associated with a medical residency-training program. RMC also offers progressive pharmacy services.

The other position is in Ambulatory Care at the Veterans Affairs Medical Center (VAMC). The KCVA is a tertiary care hospital that serves as a referral for other VA institutions in the area. In addition to acute care medicine, the VAMC has implemented Primary Care services for all veteran patients. Specialty care is also available to patients for the evaluation and management of endocrine, pulmonary, gastroenterology, nephrology, cardiology, hematology/oncology, and geriatric conditions. Clinical pharmacy specialists play an integral role by enhancing care to all patients. Some of the pharmacist-run clinics include anticoagulation, amiodarone, lipid, hypertension, and medication management clinic.

The SOP offers an entry-level Doctor of Pharmacy degree. The average entering class size is 77. The School also offers a Bachelor of Science in Pharmaceutical Sciences degree and extensive graduate programs in the pharmaceutical sciences. The Division of Pharmacy Practice is composed of 23 vibrant and energetic faculty representing a broad array of disciplines. The School also has a state of the art 3900-square foot Drug Information Center. The University of Missouri-Kansas City exemplifies academic excellence, innovation, accountability, diversity, and collaboration. Further information concerning UMKC and the School of Pharmacy can be accessed at www.umkc.edu and www.umkc.edu/Pharmacy.

A Doctor of Pharmacy degree with postdoctoral training, or equivalent experience in the discipline, and a Missouri license are required.

Contact:

Patricia A. Marken, Pharm.D., FCCP, BCPP
Chair and Professor of Pharmacy Practice
Chair Search Committee
Phone: (816) 235-2195
E-mail: markenP@umkc.edu.
UMKC is an AA/EEO Institution.

**Assistant or Associate Professor
Pharmacoeconomics, Outcomes Research, or Pharmacy Administration**

Oregon State University College of Pharmacy seeks an individual for a 12-month, tenure-track position of assistant or associate professor of pharmacoeconomics, outcomes research, or pharmacy administration. The successful candidate will teach in the professional program, conduct scholarly activities, and provide service to the university. Candidates should possess a Pharm.D. or Ph.D. degree in an appropriate discipline with an emphasis on health economics, outcomes research, pharmacy administration, or related research discipline such as health care policy, public health, or pharmacoepidemiology. Candidates with Pharm.D. degrees should also possess a two-year fellowship with training in pharmacoeconomics or outcomes research or have equivalent experience (Master's degree in related field). Postdoctoral experience in an appropriate field is preferred for Ph.D. candidates. Teaching and research experience and proficiency in oral and written English are required. Preferred qualifications include a demonstrable commitment to promoting and enhancing diversity. This position is based at the college's satellite campus at the Oregon Health & Sciences University in Portland, Oregon.

For full consideration, send a letter of application outlining research and teaching interests, a curriculum vitae, and three reference letters that address your ability to perform in this position by December 15, 2003, to:

**Dean Haxby, Pharm.D.
OSU College of Pharmacy Portland Campus
Oregon Health & Science University
MC:GH212, 3181 SW Sam Jackson Park Road
Portland, OR 97239-2985**

General information concerning the College of Pharmacy and Oregon State University may be obtained from <http://pharmacy.oregonstate.edu>. OSU is an AA/EO.

Geriatrics/Mental Health Nontenure-Track Faculty Positions

The Texas Tech University Health Sciences Center School of Pharmacy announces the availability of two nontenure-track, full-time faculty positions. Appointments, at any professorial level, are available immediately. The state supported TTUHSC School of Pharmacy was founded in 1996. Classes consist of 78 Pharm.D. students and 14 school-funded residents. Faculty support includes: Office of Research, seed grant program, and faculty development office. Faculty are reimbursed for Texas licensure and board certification. These positions offer excellent opportunities for professional growth through innovation in practice and significant input into a proven quality academic program. Join established clinicians and researchers.

Geriatrics: Based at the Dallas/Ft. Worth Veterans Affairs Medical Center, this Texas Tech faculty line is based in an established comprehensive inpatient, outpatient, residential, and outreach program. Direct patient care with drug therapy management responsibilities. 110 bed LTC unit. GREC like structure with television follow-up in patient's home. Join an established Veteran's Affairs/Texas Tech pharmacy team.

Mental Health: Faculty position in Amarillo or Lubbock to work with both University or private psychiatry groups. Opportunity to expand practices in multiple arenas, including ambulatory care, inpatient care, correctional health care, and geriatrics.

Requirements: Pharm.D. with residency or equivalent experience. Senior faculty and active consultant pharmacists are urged to apply. Candidates should send a letter of application, curriculum vitae, and three letters of reference to:

**Cynthia L. Raehl, Pharm.D., FASHP, FCCP
Chair, Texas Tech School of Pharmacy
Pharmacy Practice Department
1300 South Coulter
Amarillo, Texas 79106
Phone: (806) 356-4010
Fax: (806) 356-4018
E-mail: Cynthia.Raehl@ttuhsc.edu**

Texas Tech University Health Sciences Center is an Equal Opportunity/Affirmative Action Institution.

New Tenure-Track Positions Pharmacy Practice

The Texas Tech University Health Sciences Center School of Pharmacy announces the availability of four new tenure-track faculty positions to join eight current tenure-track faculty. Appointments at all professorial levels are available immediately. Classes consist of 78 Pharm.D. students, 14 school-funded residents, and 17 Ph.D. candidates.

Research Mission: The seven year-old Texas Tech School of Pharmacy now ranks 43rd (of 87 Pharmacy Schools) in NIH funding and 35th in individual faculty awards. The University completed a \$600 million capital funding campaign several years ago and is now engaged in a \$400 million capital campaign to bring faculty to the University and expand its research facilities. The Medical School recently added 12 endowed chaired professorships and the School of Pharmacy has recently filled its first endowed chaired professorship. The School of Pharmacy has begun planning for a 60,000 sq.-foot research tower addition to the Amarillo campus. Growth in research infrastructure, research buildings, and dedicated faculty lines across three campuses provides unprecedented opportunity for faculty committed to publication and grantsmanship. Exciting collaborative relationships with established investigators include both physicians and scientists. Opportunities exist in Amarillo, Dallas/Ft. Worth, and Lubbock.

The Pharmacy Practice Department, currently home to 47 faculty FTEs, seeks to significantly expand its ranks of research-oriented faculty. Faculty research support includes: Office of Research, seed grant program, equipment grant program, department analytical and microbiology labs, department research project administrators, and faculty development office. Faculty receive competitive start up packages, including technician support. These positions offer excellent opportunities for professional growth through innovation in research as well as significant input into a proven quality academic program. Potential research areas include:

Critical Care
Gastroenterology
Geriatrics
Infectious Diseases
Nephrology
Oncology
Pediatrics
Pharmacokinetics/Pharmacodynamics
Psychiatry/Neuropsychiatry/Geropsychiatry

Requirements: Pharm.D. with fellowship, Pharm.D./Ph.D. or equivalent experience. Senior faculty are urged to apply. Candidates should send a letter of application, curriculum vitae, and three letters of reference to:

Cynthia L. Raehl, Pharm.D., FASHP, FCCP
Chair, Texas Tech School of Pharmacy
Pharmacy Practice Department
1300 South Coulter
Amarillo, Texas 79106
Phone: (806) 356-4010
Fax: (806) 356-4018
E-mail: Cynthia.Raehl@ttuhsc.edu

Texas Tech University Health Sciences Center is an Equal Opportunity/Affirmative Action Institution.

**Faculty Position
Department of Clinical Pharmacy
School of Pharmacy
West Virginia University**

The West Virginia University School of Pharmacy invites applications for this 12-month, full-time, tenure-track or nontenure-track faculty position in the Department of Clinical Pharmacy. Acceptable candidates may come from diverse clinical and research backgrounds, but preference will be given to individuals with interests in cardiology, critical care, or nephrology. Didactic teaching activities will include lecturing in the clinical pharmacokinetics/therapeutic drug monitoring course. Candidates for this position at the Assistant or Associate Professor level must have a Pharm.D. with residency or fellowship training (and be eligible for pharmacy licensure in West Virginia), a Ph.D., or equivalent experience. Board certification is desirable but not required. The ideal candidate will possess clinical practice proficiency, teaching experience, excellent communication skills, and a commitment to scholarly activities. Rank and salary are commensurate with qualifications and experience.

Morgantown (<http://www.dmssoft.com/mrgntwn>) is a university community that offers a rich intellectual, recreational, and cultural living environment that is within easy driving distance to Pittsburgh, PA, and Washington, DC. A virtual tour of the West Virginia University campus is available at <http://www.wvu.edu>. The School of Pharmacy (Web site: <http://www.hsc.wvu.edu/sop>) is situated within a large state-affiliated health sciences center that includes a 360-bed teaching hospital, a psychiatric hospital, neuroscience institute, rehabilitation hospital, regional cancer center, and bone marrow transplant center.

Review of applications will begin immediately and the search will remain open until the position is filled. Interested persons should submit a letter of intent, curriculum vitae, and names and addresses of three professional references to:

**Douglas Slain, Pharm.D., BCPS
Chair, Clinical Faculty Search Committee
School of Pharmacy
West Virginia University
Morgantown, WV 26506-9520
Phone: (304) 293-1462
Fax: (304) 293-7672
E-mail: dslain@hsc.wvu.edu**

West Virginia University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

**Director of Clinical Pharmacy
University of Arkansas for Medical Sciences**

The University of Arkansas for Medical Sciences, Area Health Education Center of Fort Smith, Arkansas, has an opening for Director of Clinical Pharmacy. The ideal pharmacist will have expertise in drug therapy of conditions commonly encountered in family and internal medicine. Responsibilities include: teaching of medical resident and medical students, direct involvement in Phase III-IV studies, providing direct patient care as part of an office-based interdisciplinary team, and rounding with the medical team.

The clinical pharmacists will be appointed to the College of Pharmacy faculty and participate in experiential teaching of Pharm.D. students. Pharm.D. with residency preferred.

UAMS/AHEC offers a competitive salary and benefits package.

Interested individuals send CV to:

**L.C. Price, M.D.
AHEC Director
612 South 12th Street
Fort Smith, AR 72901**

**Clinical Faculty
College of Pharmacy
The University of Oklahoma**

The Department of Pharmacy: Clinical and Administrative Sciences invites applications from individuals interested in challenging positions implementing clinical practice, didactic and practicum teaching, and scholarship at the following sites:

OUHSC-Tulsa, Schusterman Center:

Adult General Medicine -Assistant/Associate Professor, located at an affiliated hospital, Hillcrest medical Center
Ambulatory Care -Assistant/Associate Professor, located at the Tulsa Veterans Affairs Outpatient Clinic (3 positions available)
Critical Care -Assistant/Associate Professor, located at an affiliated hospital, Hillcrest Medical Center
Ambulatory Care - Assistant/Associate Professor, located in the clinics of the Department of Medicine, The Schusterman Center

OUHSC- Oklahoma City:

Pediatrics- Assistant/Associate Professor, located at an affiliated hospital, The Childrens Hospital of Oklahoma in the OU Medical Center
Adult General Medicine - Assistant/Associate Professor, located at an affiliated hospital, Norman Regional Hospital
Ambulatory Care - Assistant/Associate Professor, located in the Family Medicine Center on the OUHSC campus

Either Campus

Psychiatry - Assistant/ Associate Professor, located on either campus to provide ambulatory/inpatient psychiatry services in conjunction with the respective Departments of Psychiatry

All applicants should possess a doctor of pharmacy degree from an ACPE accredited program with appropriate specialty residency or fellowship training and be eligible for receipt of a valid Oklahoma pharmacy license. Salary will be commensurate with qualifications and experience. Review of applications will begin when received and continue until these positions are filled. Appointments will be either temporary-renewable, consecutive term, or tenure-track based upon credentials. Some positions are immediately available, others will be available July 1, 2004.

The Tulsa campus features the Schusterman Center with representation from all colleges. Practice sites are at affiliated institutions within 5 miles of the Schusterman campus. The Oklahoma City campus is located one mile east of downtown and consists of 4 hospitals, a research institute, biomedical sciences park, and seven health sciences colleges including pharmacy, medicine, nursing, dentistry, allied health, public health, and graduate college.

Applicants should send a letter of application with curriculum vitae and the names and addresses (plus email addresses) of three references to:

Michael E. Burton, Pharm.D.
Professor and Chair
Department of Pharmacy: Clinical and Administrative Sciences
College of Pharmacy
The University of Oklahoma Health Sciences Center
P. O. Box 26901
Oklahoma City, Oklahoma 73190-5040
(405) 271-6878, ext. 47259
E-mail: michael-burton@ouhsc.edu

The University of Oklahoma is an equal opportunity institution.