

ACCP Report

Timothy J. Ives, Pharm.D., M.P.H., FCCP, BCPS; Editor
Michael S. Maddux, Pharm.D., FCCP; Executive Director

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2005 ACCP Annual Meeting—San Francisco, California

**Hilton San Francisco
October 23–26, 2005**

MARK YOUR CALENDAR
TO ATTEND THE 2005
ACCP ANNUAL MEETING

- Participate in sessions that have been tailored to meet your professional needs
- Learn from top experts and leaders in the field of clinical pharmacy
- Network with your peers

This year's program includes:

- 5 curricular tracks
- 6 premeeting symposia on Saturday, October 22
- 21 ACCP practice and research focus sessions
- Scientific poster presentations
- PRN networking forums
- Pharmacy industry exhibits
- ACCP Recruitment Forum, featuring the Career Fair followed by One-on-One appointments
- Special student programming on Saturday and a special discounted "49er" weekend meeting registration fee (only \$49) for students!



Courtesy of the San Francisco
Convention & Visitors Bureau

NEW TO THE ANNUAL MEETING...LEADERSHIP DEVELOPMENT

This year's agenda includes a Leadership Development Track designed for those professionals interested in developing their leadership skills. Topics will include:

- *Orienting Yourself to Become a Leader* (Monday)
- *Today's Leadership Writings and their Application to Practice* (Tuesday)
- *What Pharmacy Leaders Say about Leadership* (Wednesday)

The **HILTON SAN FRANCISCO**, the largest hotel on the West Coast, is the site of the ACCP Annual Meeting. Located in the heart of the city, the hotel is close to classic sights, cable cars, theater, Union Square shopping, and restaurants. Dine in one of the five restaurants located within the hotel; relax at the Spa Fusion and Health Club; or visit historic China Town, Fisherman's Wharf, or the Golden Gate Bridge.

For more information about the 2005 ACCP Annual Meeting and to REGISTER, visit <http://www.accp.com/am05.php>.

2005 Pharmacotherapy Preparatory Course Now Available Online

The *2005 Updates in Therapeutics: The Pharmacotherapy Preparatory Course* is now available as an online educational program through the ACCP Online Educational Center at <http://www.accp.com/strbcps05.php>. The online program duplicates the live program, featuring the same lectures and slide presentations, as well as handouts. This program will be available for online access through October 2006. It is also available in CD-ROM and audiocassette tape formats.

Course faculty include Debra Barnette, Gretchen Brophy, Sara Brouse, Robert DeYoung, Brian Hemstreet, William Kehoe, Teresa Klepser, Harold Manley, Theresa Mays, Mark Newnham, Kirsten Ohler, Melody Ryan, Curtis Smith, Anne Spencer, and Ceresia Ward. The 2005 Pharmacotherapy Preparatory Course covers the following topics:

- Acute care cardiology
- Ambulatory care
- Biostatistics
- Clinical trial design
- Critical care
- Endocrine and metabolic disorders
- Fluids, electrolytes, and nutrition
- Gastrointestinal disorders
- General psychiatry
- Geriatrics
- HIV/infectious diseases
- Infectious diseases

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- Men's and women's health
- Nephrology
- Neurology
- Oncology supportive care
- Outpatient cardiology
- Pediatrics
- Pharmacokinetics

This course is supported through educational grants from Amgen, sanofi-aventis, and Tap Pharmaceutical Products. All program content was developed and coordinated by ACCP members and staff.

"Basic Training" for New Faculty and Preceptors

ACCP Launches New Faculty Development Series in San Francisco this Fall

The mandate for a single doctoral degree in pharmacy has created increased opportunities for pharmacy practitioners to enter academics. At the same time, market forces have made it more difficult for schools of pharmacy to recruit and retain faculty. As it becomes more challenging for deans and department chairs to prepare large numbers of new faculty and preceptors for academic roles, the more important it will be for professional associations to expand and enhance faculty/preceptor development programs. Therefore, ACCP has initiated a Clinical Faculty and Preceptor Development Series to address the needs of this growing academic community.

"Basic Training for New Clinical Faculty and Preceptors," a full-day workshop offered on Saturday, October 22, in conjunction with the 2005 Annual Meeting in San Francisco, is designed to introduce new clinical faculty and preceptors to the basic "essentials" of teaching. Basic here refers not to elementary materials and methods but to foundational principles that undergird teaching in classroom and clinical settings. The program begins with an investigation of the professional nature of teaching and an overview of teaching and learning paradigms; these serve as a rationale for the rest of the program. Participants will be engaged in creating learning outcomes, designing teaching strategies to achieve the outcomes, and employing criteria-referenced, evidence-based assessment feedback to improve student mastery of outcomes. Teaching and learning strategies will focus on both classroom instruction and clinical precepting. In these workshop activities, participants will integrate concepts of critical thinking, active learning, ability-based education, and assessment-as-learning. At the end of the session, participants will be encouraged to explore their own philosophies of teaching and to consider the use of teaching portfolios as a method for directing their growth as clinical pharmacy educators.

A diverse group of nationally known program faculty have been assembled for this workshop: Dana Hammer, Ph.D. (University of Washington); Ila Harris, Pharm.D., FCCP, BCPS (University of Minnesota); Eric Hobson, Ph.D. (Georgia Southern University); Sheldon Holstad, Pharm.D. (St. Louis

College of Pharmacy); Mary Roth, Pharm.D., M.H.S., FCCP (University of North Carolina); and Thomas Zlatic, Ph.D. (St. Louis College of Pharmacy).

Workshop Outcomes

- Describe basic concepts related to current pedagogical theory and practice as they pertain to pharmacy education and practice.
- Develop basic strategies for planning, implementing, and assessing educational experiences structured to achieve clearly defined student outcomes within didactic and clinical settings.
- Clarify one's own purposes, goals, and philosophy for teaching, and identify strategies for continued self-learning.

Workshop Agenda

8:00 a.m.	Teaching as a Profession in the 21st Century
8:30 a.m.	Teaching Toward Goals: Learning Objectives
8:45 a.m.	Raising the Goals: Critical Thinking/Problem-Solving
9:30 a.m.	Teaching Ability Outcomes
10:15 a.m.	Break
10:30 a.m.	Active Learning to Achieve Abilities
11:15 a.m.	Small Groups: Create an ability outcome and a practice opportunity for a didactic or clinical setting
11:40 a.m.	Share/critique Small Group Work on Outcomes/Practice Opportunities
12:00 p.m.	Lunch (on your own)
1:30 p.m.	Assessing Student Performance
2:20 p.m.	Small Groups: Create performance criteria and a method of assessment for a didactic or clinical setting
3:15 p.m.	Break
3:30 p.m.	Share/Critique Small Group Work on Assessment
4:00 p.m.	Clarifying One's Teaching Goals: Portfolios
4:30 p.m.	Summary, Questions, Assessment
5:15 p.m.	Adjourn

Due to the interactive nature of this workshop, attendance will be limited. **Register Now** for the workshop and the 2005 ACCP Annual Meeting by visiting <http://www.accp.com/am05.php>. More information on future installments in the faculty development series, plus new teaching and learning resources available to clinical faculty and preceptors through the ACCP Bookstore, will be available soon.

Washington Report

C. Edwin Webb, Pharm.D., M.P.H.
Director, Government and Professional
Affairs

Consultant's Review of Medication Therapy Management Validates Pharmacy's Vision and Perspective



The ongoing challenge of defining, explaining, valuing, and promoting the pharmacist's role in medication therapy management (MTM) to the world outside of pharmacy has been made a bit easier with the publication in May of an important consultant's report commissioned by the American Pharmacists Association (APhA). Earlier this year, APhA employed The Lewin Group, one of Washington's most respected health care consulting firms, to conduct a critical review of pharmacists' medication therapy management services (MTMS) from the perspectives of contemporary health care policy, current models and standards of practice, and payment policy. In addition, the consultants were asked to develop an illustrative model for payers to consider in evaluating the issue of appropriate payment to pharmacists for MTMS.

From the outset, ACCP was invited to participate as one of the partner organizations to work with APhA and Lewin. We provided policy and position papers concerning MTMS and other clinical services and identified leading practitioners from among the membership upon whom the consultants could draw in carrying out their research, interviews, and report development. In the course of its work, Lewin conducted dozens of interviews with pharmacists, physicians, association executives and elected leaders, Centers for Medicare and Medicaid Services (CMS) officials, payers, prospective Part D prescription drug plan sponsors, and others. The resulting report provides an important independent and authoritative resource to support the profession's efforts in educating policy-makers about MTMS and its potential for improving health care quality through safer and more effective medication use. The report's full executive summary is available at <http://www.accp.com/position.php#commentaries>.

Among the key findings contained in the report are the following:

- Interview findings and the literature review suggest that cost reduction and improved health outcomes can occur when MTMS are provided, especially to elderly patients.
- Adjustments will be needed regarding both the scope of services and provider incentives under Medicare if CMS is to achieve the legislation's intended outcome of improving medication use and patient-care quality.
- The Medicare Modernization Act (MMA) might be too limited in its definition of the population required to receive MTMS under Medicare. Future amendments to the MMA might expand the MTMS-eligible population to test the hypothesis that preventing high-severity cases could be cost-effective.

- Important, practical differences exist between the dispensing and MTM roles of pharmacists. These differences are intrinsic to the economics of the pharmacy industry. It is unlikely that MTMS will be provided if these differences are not recognized, encouraged, and ultimately rewarded financially.
- Interview respondents noted that patients are generally thought to be highly supportive of MTMS; the fact that MTMS are sometimes self-paid supports this contention. Many patients find that pharmacists are approachable and better prepared to spend time answering such basic questions as "How can I better manage my diabetes and the medications I am taking to control it?"
- Interview respondents reported that many physicians are realizing that MTMS can leverage them, in that pharmacists can field many patient questions in a timely fashion. Physicians also are learning that in the case of patient wellness, MTMS activities could improve patient health outcomes and perhaps lessen the need for additional medications, ensure that appropriate medications are taken correctly, or both. The acceptance of physicians' use of "incident to" payment structures in some states is evidence that physicians are willing to view the pharmacist as a partner in patient care.
- MTMS can reduce the use of physician and hospital services by reducing adverse health events. MTMS might increase or decrease drug costs, but evidence suggests that MTMS can reduce per-member per-month (PMPM) total health costs.
- Medicare Advantage prescription drug (MA-PD) plans can immediately benefit from MTMS if they can internalize resulting savings. Because prescription drug plans (PDPs) presumably will attempt to minimize drug costs, it is difficult to see how MTM programs that might increase drug costs would be viewed by PDPs as beneficial or in their best interest. Without incentives for PDPs, such as bonus payments for certain MTMS thought to decrease overall PMPM health expenditures, they will have little incentive to pay for MTMS that increase drug costs.
- To ensure beneficiary access to medically necessary, high-quality care while creating incentives for provider efficiency, payment system components should include unit of payment, patient or risk classification, relative value payment, payment adjustments, and a payment update factor.
- Although a full array of MTMS that could improve health and reduce total health care costs is available, the law requires services to be provided only to a select few Medicare beneficiaries. The incentive structure is likely to restrict 22 million beneficiaries from receiving comprehensive MTMS (especially those that might increase drug costs).

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- A payment system must provide unit payments adequate to cover at least pharmacist labor costs (approximately \$1 to \$2 per minute, according to industry estimates) or, to be sustainable, total costs (approximately \$2 to \$3 per minute, according to industry estimates). The pricing system must also provide adequate aggregate payments to sustain and provide for growth in number of providers.
- Current fee schedules often fail to reflect the above-referenced unit payments. This omission likely is because MTMS concepts have been developed in public programs (which often fail to provide for adequate payments), and the private sector is just now beginning to explore MTMS. As new rates are introduced, they likely will be more sustainable, as both private- and public-sector programs using rates that provide insufficient compensation will probably prove unsustainable in the marketplace over the long run.
- In an illustrative payment model developed by The Lewin Group, the PMPM provider fee was calculated to be \$1.56 for a hypothetical plan. This hypothetical plan would deliver medication therapy review to 10% of enrollees and MTMS to the 3% of enrollees identified by the review as needing services.

ACCP members are encouraged to become familiar with the report and consider how it might assist them in their efforts to further develop practice effectiveness in providing MTMS now and in the future.

CMS Launches Pharmacy M.M.A. Information Web Page

The Centers for Medicare and Medicaid Services (CMS) have developed a new Web page specifically targeted to pharmacists and pharmacies concerning the Part D Drug Benefit and other aspects of the Medicare Modernization Act (MMA). Described as being “created by pharmacists for pharmacists,” the site provides basic information on the drug benefit, resources to help educate Medicare beneficiaries, FAQs, and related resources.

The new resource page is available at:
<http://www.cms.hhs.gov/medicarereform/pharmacy/>.

ACCP...
Where Pharmacy is Going

Update Your Contact Information Online

ACCP members can now update their contact information 24/7 on the ACCP Web site by following the procedures below.

1. Go to www.accp.com.
2. Choose My ACCP on the left side menu, then Contact Information.
3. Enter Login (Username) and Password and click “sign on” to login. You will go to the Renew Dues page. (If you have a current bill for membership dues, you will see RENEW DUES on the blue left side menu and on the right side tabs. Be sure to update your contact information before making your dues payment.)
4. Click on your name under Profile in the blue left side menu.
5. Review your “public record”. This is the information that other ACCP members can see about you.
6. To change your contact information, click Edit in the upper right options bar.
7. Make your changes and submit.

If you do not know your new username and password, please contact the ACCP staff at membership@accp.com, or (816) 531-2177.

Research Strategies for Clinical Pharmacy Practitioners

Mark your calendars for this timely, informative program included within the 2005 ACCP Annual Meeting in San Francisco—Monday, October



24, 1:30 p.m.–5:00 p.m. This practical program, developed by the ACCP Research Institute’s Frontiers Fund Committee, is designed especially for clinical pharmacists who desire to incorporate aspects of clinical research into their practices:

- **Fundamental Principles of Designing and Conducting Research**
- **Examining a Research Project from Inception to Completion**
- **Practical Tips for Incorporating Research Into Your Practice: A Clinician’s Perspective**

Moderator Mary Roth, Pharm.D., M.H.S., FCCP, of the University of North Carolina, and faculty Peter Gal, Pharm.D., FCCP, BCPS, from Moses Cone Health System in Greensboro, NC, and Edith Nutescu, Pharm.D., from the University of Illinois at Chicago, will:

- describe the types of research that are feasible for clinicians to do within the framework of their practices;
- highlight strategies for identifying research opportunities and building research activities into your clinical practice;
- identify critical collaborators for successful research and discuss strategies for building research into the normal flow of clinical practice;
- discuss practical aspects for conducting research in a clinical practice setting; and
- propose strategies to overcome the challenges when conducting research in clinical practice.

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The ACCP Research Institute seeks to advance pharmacotherapy and the College's research mission by supporting and promoting clinical pharmacists' research and research training. Specific programs available through the Research Institute include the Frontiers Fund, Investigator Development, and Career Development Research Awards; Fellowships; minisabbaticals supported by several of the Practice and Research Networks (PRNs); and traineeships.

The recipients of the 2005 ACCP Research Awards and Fellowships will be announced in next month's ACCP Report.

More information about the ACCP Research



Institute and its various programs can be found on the College's Web site at <http://www.accp.com>.

Lee, Silvia, Hutchison Receive CNS and Pain Management PRN Minisabbaticals

Through their minisabbatical programs, several of the College's Practice and Research Networks (PRNs) have opportunities for their members to gain new practice or research skills that will help them develop new clinical services or expand their research capabilities.

Kelly Lee, Pharm.D., BCPP, Assistant Professor at Loma Linda University School of Pharmacy, and Richard Silvia, Pharm.D., BCPP, Assistant Professor at the Massachusetts College of Pharmacy, have been awarded the 2005 Central Nervous System (CNS) PRN Minisabbaticals. Rob Hutchison, Pharm.D., Pain Management Clinical Specialist at Presbyterian Hospital Dallas, has been awarded the Pain Management PRN's 2005 Minisabbatical.

During her program, Dr. Lee will work with Karen Hudmon, Dr.P.H., in the Department of Epidemiology and Public Health at Yale University to develop her skills in health survey research. Dr. Lee's focus during the program will be to develop and implement a survey that assesses the attitudes of Latinos toward antidepressant medications and psychosocial treatment for depression.

Dr. Silvia's minisabbatical will be mentored by John Markowitz, Pharm.D., BCPP, at the Medical University of South Carolina. There, Dr. Silvia will learn how to perform the polymerase chain reaction (PCR) technique and genotype patients based on PCR results. His goal is to apply this technique in his own research to determine which patients are more susceptible to the metabolic adverse effects of antipsychotic medications.

As part of his Pain Management Minisabbatical, Dr. Hutchison will work in the laboratory of Mary Meagher, Ph.D., in the Department of Psychology at Texas A&M University. His goal is to enhance his understanding of how stress and emotion alter pain reactivity and perception, as well as the neural substrates of affective pain modulation.

In addition to CNS and Pain Management, other PRNs that provide minisabbatical experiences for their members are

Cardiology, Hematology/Oncology, Infectious Diseases, and Nephrology. More information about the PRN minisabbaticals, administered through the ACCP



Research Institute, can be found in the "Research Institute" portion of the ACCP Web site at

<http://www.accp.com/frontiers/research.php>.

Oncology Review Course Instructional Materials Now Available

If you're planning to take the 2005 Oncology Pharmacy Specialty Certification Examination administered by the Board of Pharmaceutical Specialties, new educational tools are available to help you prepare. The 2005 Oncology Pharmacy Preparatory Review Course, developed jointly by ACCP and the American Society of Health-System Pharmacists (ASHP) is available for self-study. Both ASHP and ACCP members receive the discounted member price for the course, which can be ordered now for delivery beginning July 1, 2005.

The review course content, developed by clinical and educational experts, covers the domains and knowledge areas tested on the examination. The course integrates lectures, patient cases, and practice-based self-assessment questions to provide a comprehensive review of oncology pharmacy. Following live presentation of the course in April, the course content was adapted for home study. The full course content is available in two formats. The online course offers the audio of the lectures, synchronized with the presenters' slides, along with the electronic files of the course workbook. The full course content also is available in a CD-ROM and workbook package. Both course formats offer continuing pharmacy education credit through successful completion of an online self-assessment examination. The CD-ROM, offering the audio synchronized lectures and slides, also is available for individual purchase, as is the course workbook.

To learn more about the course, preview sample course content, and place an order, visit the ACCP Web site at <http://www.accp.com/strbcop05.php>. To order by phone contact ACCP at (816) 531-2177. Use code BR0605A when you place your order. Product prices follow; shipping charges apply.

Prices	Member	Nonmember
Online Course with Continuing Education Credit	300.00	\$390.00
CD-ROM and Workbook with Continuing Education Credit	\$335.00	\$405.00
CD-ROM	\$220.00	\$265.00
Workbook	\$95.00	\$115.00

The 2005 Oncology Pharmacy Preparatory Review Course was partially sponsored by an educational grant from Amgen, Inc.



The American College of Clinical Pharmacy and the American Society of Health-System Pharmacists are accredited by the Accreditation Council for Pharmacy Education as providers of continuing pharmacy education.

Pharmacotherapy Pearls

ISI Impact Factor

Wendy R. Cramer, B.S., FASCP

Richard T. Scheife, Pharm.D., FCCP

The Institute for Scientific Information (ISI) impact factor (IF) is a measure used by researchers, authors, and libraries to judge the overall “quality” of a journal. Journals with higher IFs are held to be more prestigious and of higher impact than those with lower IFs. Indeed, tenure and promotion committees frequently assess not only a candidate’s number of publications but factor in the IF of the journals in which the candidate has published.

The IF is a measure of the frequency with which the “average article” in a journal has been cited in a particular year. The IF is basically a ratio between citations and recent citable articles published. The IF reported each year reflects data from the previous 2 years. So, for example, the most current IF data available in 2005 reflects citations in 2003. The 2003 IF is calculated as follows:

$$\frac{\text{Number of cites in 2003 to articles published in 2001 and 2002}}{\text{Number of articles published in 2001 and 2002}}$$

Ranking in the pharmacy and pharmacology journal category is by “x/N,” where “x” is the rank and “N” is the number of journals within this category. For example, the journal with the highest IF in this category would be ranked number 1. Comparative data with other journals in this category are shown below:

Year	PPI	DICP	AJHP
2003			
IF	2.002	1.822	1.440
x/184	73	90	105

PPI = *Pharmacotherapy*; DICP = *Annals of Pharmacotherapy*;

AJHP = *American Journal of Health-System Pharmacy*.

Pharmacogenomics—Essential information for today’s clinicians and students

An article in the June 2 *New England Journal of Medicine* on warfarin pharmacogenetics highlights the fact that use of genetic information to guide drug therapy is quickly moving toward clinical application for an increasing number of drugs. In the coming months, *Pharmacotherapy* will publish a series of review articles on related subjects such as drug development and pharmacogenomics, ethical issues, and clinical topic updates. As pharmacists read these and related articles, some may feel that they need additional knowledge in pharmacogenetics. *Pharmacotherapy* Editorial Board Member Julie Johnson, Pharm.D., FCCP, BCPS, who is leading the development of the journal article series, recommends ACCP’s publication *Pharmacogenomics: Applications to Patient Care* for education of both clinicians and students.

“*Pharmacogenomics: Applications to Patient Care* is an outstanding resource for helping clinicians build their knowledge and confidence in pharmacogenetics,” Dr. Johnson said. “This text provides information on the basics of genetics (including jargon), molecular biology, and databases, all the way through clinical potential of pharmacogenetics in a variety of therapeutic areas. I believe that students and clinicians with a wide range of experiences would find this a most useful resource.” Dr. Johnson was a member of the multidisciplinary editorial board that developed the publication—the first book of its kind within pharmacy.

The book teaches the basics of genetics and pharmacogenomics and discusses applications in specific therapeutic areas. Structured to reinforce learning, each chapter includes content outlines, learning objectives, key words and abstract, self-assessment questions, and references. Chapters are organized into three modules:

Module 1: Fundamentals of Applied Human Genomics

This module 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 presents bioinformatics, including major database resources as well as methods and the application of bioinformatic studies to pharmacogenomics. Module 1 also presents ethical issues in genomics, and introduces genomic applications in human health, including the effect on the diagnosis, classification, and treatment of common diseases.

Module 2: Fundamentals of Pharmacogenomics

Module 2 presents 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. Drug target pharmacogenetics and pharmacogenomics are explored, as well as the role of genetic variability in drug targets on drug efficacy and toxicity, and the application of drug target pharmacogenetics and pharmacogenomics to individualize drug therapy. The role of pharmacogenomics in drug discovery, development, and its future impact in clinical practice also is discussed.

Module 3: Pharmacogenomic Applications in Patient Care

The third module presents prevalent pharmacogenomic applications for several therapeutic areas, as well as the potential for future applications. Discussions include the clinical use of pharmacogenomics and pharmacogenetics in oncology pharmacotherapy, and in developing new antineoplastic agents; the effects of drug metabolizing, drug transporter and drug target gene polymorphisms on cardiovascular drug responses; and the current understanding of clinical pharmacogenomics in the pharmacotherapy of patients undergoing transplantation. Other therapeutic areas covered include current applications in infectious diseases, psychiatry, central nervous system disorders, immunology, and respiratory diseases.

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For more information or to place an order, visit the ACCP Bookstore online at www.accp.com or contact ACCP at (816) 531-2177. Use code BR0605 when you place your order. Group discounts are available. Continuing pharmacy education credit is available.

Order by July 15, 2005, and receive free shipping within the continental United States (reduced rates elsewhere).

Prices	Member Price	Nonmember Price
Three-module series (one book)		
Print	\$79.95	\$114.95
Online	\$59.95	\$89.95
Print and Online	\$104.95	\$154.95

Single Modules*

Fundamentals of Applied Human Genomics	\$29.95	\$49.95
Fundamentals of Pharmacogenomics	\$29.95	\$49.95
Pharmacogenomic Applications in Patient Care	\$29.95	\$49.95

*Single modules available online only.



The American College of Clinical Pharmacy is approved by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

Development and publication of *Pharmacogenomics: Applications to Patient Care* was supported by an educational grant from Amgen, Inc. ACCP gratefully acknowledges their support.

Awards, Promotions, Grants, etc.

Kim Coley, Pharm.D., Associate Professor and Director of the Center for Pharmacoinformatics and Outcomes Research in the Department of Pharmacy and Therapeutics at the University of Pittsburgh School of Pharmacy, was invited to serve a two-year term on the American Heart Association's Annual Program Committee for the Quality of Care Outcomes Research Interdisciplinary Working Group....**Wafa Dahdal**, Pharm.D., BCPS, Associate Professor of Pharmacy Practice at Midwestern University Chicago College of Pharmacy, has received a grant for \$25,000 from Pfizer, Inc. to study "The Impact of a Formal Heart Failure Education Program on Patients' Knowledge and Attitudes Toward Living with their Disease"....**Kristy Lucas**, Pharm.D., was recently promoted to the rank of Clinical Associate professor in the Schools of Pharmacy and Medicine at West Virginia University, Charleston Division....**Amir Masood**, Pharm.D., Adjunct Assistant Professor, and **Tim Todd**, Pharm.D., Associate Professor, who both serve on the faculty at Midwestern University Chicago College of

Pharmacy, received the APHA-APPM Presentation Merit Award as coauthors on a project focusing on community asthma education....**P. David Rogers**, Pharm.D., Ph.D., Associate Professor at the University of Tennessee College of Pharmacy, together with coinvestigators from the Colleges of Pharmacy and Medicine, has received a grant from NIH/NIAID in the amount of \$1,031,060 to support a project entitled, "Novel Azole Resistance Mechanisms in *Candida albicans*"....

Terry Schwinghammer, Pharm.D., FCCP, BCPS, Professor of Pharmaceutical Sciences at the University of Pittsburgh School of Pharmacy, was awarded a Certificate of Appreciation from the Japanese Society of Hospital Pharmacists in recognition of his participation in a training program for the education of Japanese hospital clinical pharmacists....**Melissa Somma**, Pharm.D., CDE, Assistant Professor of Pharmacy and Therapeutics at the University of Pittsburgh School of Pharmacy, has been invited to participate as a Medicare Task Force member for the Pennsylvania Pharmacists Association.

New Members

Bahira Abbas
Jolly Abraham
Julie Achatz
Ann M. Adams
Adelanke Adebuseye
Evelyn Adjattor
Sondra M. Adkinson
Helal Admad
Anahita Afshar
Sayer Al Azzam
Rola Al Hajj
Amy Albertson
Roa'a Al-Gain
Shaista Ali
Christopher D. Allen
Mitzie Allen
AlAnoud AlMuharab
Luvy Amaya
Latefa Amin
Uche Anadu
Audra S. Anderson
Holly Anderson
John M. Anderson
Heather Andryuk
Meleeha Ansari
Rana Ansari
Maria Anwar
Joseph A. Aoun
Mary-Joy Arcellana
Lori Arena
LaTanya Armstead
Jill Arnold
Dana Arrington
Stephanie Ash
Lorraine M. Ashmor

Pierre-Hugues Aubin
Ann Augustine
Edina Avdic
Nahoko Azeta
Tammy L. Babinchak
Shakti Bachmann
Amy Bachyrycz
Paola A. Badaro
Angie Bakshi
Anastasia Balducci
Amanda M. Ball
Erin Ballard
Julia Barber
Shadreka Barnes
Mitch Barnett
Derek Barnhart
Alisha Barron
Gina Bazemore
Amber Beals
Anne Beauchamp
Neal Benedict
Sye D. Bennefield
Jean M. Benson
Eric J. Beresford
Charlotte Berger
Marina Bergman
Manzar G. Berlin
Renae Best
Jeff Betcher
Sonali Bhagat
Heather L. Bieber
Molly Billstein
Jennifer Bird
Elisha Bischoff
Teresa Bishara
Ramzi Bitar

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Raymond Black
Sally L. Blackledge
Christina Blanchard
Maria Blessy Reyes
Kelly S. Bobo
Nicole Boehm
Alessia Bogni
Brigitte Boilard
Christy Bolen
Monique Bonhomme
Sabrina Boodhan
Samuel K. Bouchillon
Susan Bowles
Robyn Bragg
Beyhan Brandi
Michael Brenner
Benjamin Britt
Tammy Brodie
Michael Bronson
Kimberly C. Brown
Jessica Bryant
Kim Bubolz
Holland Buchanan
Whitney Buckley
John C. Buffum
Kenyatta A. Burd
Jeremiah Burgert
Alexis M. Burke
Sylvie Burnel
April Bush
Gemilee Bustamante
Maureen Byrne
Jennifer D. Calhoun
Elizabeth Callahan
Jean Calop
Ian Campbell
Kate Campbell
Kimberley Campbell
Kevin Capurso
Jennifer J. Carnell
Stacey Carpenter
Jodie Carr
Laura S. Carr
Jorge Carrillo
Kent L. Carter
Melinda K. Carter
Michelle Caruso
Helena Carvalho
Veronica Castillo
David Catanzaro
Manjiri Chacko
Karen Chae
Jules Chahine
Lenna Chakalian
Lisa Chamberlain
Monica Chan
Ruth Chan

Julie C. Chang
Anna Chao
Kimberly Chapin
Jamie Chapman
Fern M. Chau
Chrishaue Chbib
Timothy C. Chen
Stephen Cheng
Lily K. Cheung
Vincent Chia
Ji Seon Choi
Eun Hae Chon
Philip Chon
Jaimee Chong Suh
Kan Chotinanda
Jonah Christian
Sarah Christiansen
Mei-Hua Chuang
Amnda Chuk
M. Anne Cisa
Emily Clark
Rhonda Clark
Wade Clark
Karine Cloutier
Jarrod Coffey
Timothy W. Coffey
Monica T. Cole
Amber R. Coleman
Christina Collins
Cynthia J. Conley
Kim L. Conrad
Astrid Cook
Janet B. Cook
Joel Coon
Stephanie Cooper
Carli Cornish
Angela Correia
Amy Cravens
Harry A. Cummings
Demetria Curtis
Maria Da Graca Castro
Joyce Daftarian
Krista Dale
Christopher Daley
Lananh Dam
Kendra Damer
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Marlow Hanson
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Andrew Harmon
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Shawna Hedin
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Joseph Heidrick
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Alice Moy
Paula V. Muhs
Alice Mullin
Dipika Munyal
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Maya Nadra
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Arthur R. Naliboff
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Kamran Nazari
Vicki M. Neace
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Teresa Silvina Soares
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Makota Tokuhisa
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Mina Tran
Quynhlan Tran
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Jennifer Tryon
Amy Turner
Fetuo Turner
(continued on page 11)

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Thomas Uhde
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Irina Userenko
Barbara Vadnais
Mark G. Van Ewyk
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Janet VanGlahn
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Vincent Willey
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Luigi Zaza
Elizabeth L. Zicarelli
Lynn Zokhem

The following individuals recently advanced from Associate to Full Member:

Ruby Y. Chang
Timothy Clifford
Andrea Hoguet
Richard B. Myers
Van D. Weaver

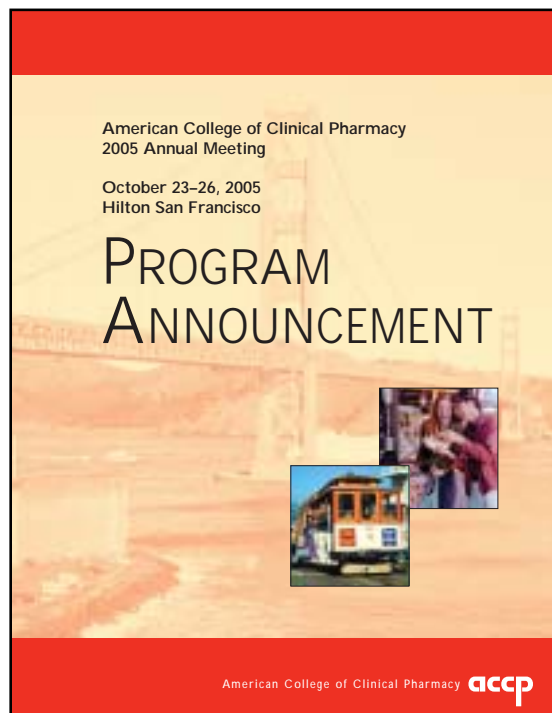
New Member Recruiters

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

Anthony T. Gerlach
Carie Hatch
Melinda K. Lacy
Jessica Milchak

**Don't miss out on the ACCP
2005 Annual Meeting!**

For more information and a printable
2005 Annual Meeting program
announcement, go to
<http://www.accp.com/am05.php>.



**Assistant/Associate Directors of Professional Development
American College of Clinical Pharmacy**

The American College of Clinical Pharmacy (ACCP) is seeking candidates for two newly created staff positions at the Assistant or Associate Director level in Professional Development: Member Services, and Professional Development: Publications. Both positions will be based at ACCP's national headquarters in Kansas City, Missouri.

The Member Services Position will guide the planning, development, implementation, and evaluation of ACCP's live and distance education programs, including the Annual Meeting, Spring Practice and Research Forum, Updates in Therapeutics Series, and other symposia. This individual will oversee the development of educational programming as well as conference/convention management and logistics. He/she will collaborate closely with management and executive staff in evaluating the professional development needs of the membership and in identifying and implementing new professional development programs, services and delivery methods. Candidates must have earned a Pharm.D. degree and completed a residency or fellowship, or gained equivalent experience. Board certification is desired. Preference will be given to those with 5 or more years experience as a clinical pharmacy practitioner or educator, including educational program development.

The Publications Position will oversee the planning, editorial development, production, distribution, and evaluation of ACCP's print and electronic publications series, including the *Pharmacotherapy Self-Assessment Program* and *Pharmacogenomics: Applications to Patient Care*. This individual will manage staff engaged in editorial development and production. He/she will collaborate closely with management and executive staff in evaluating the professional development needs of the membership and in identifying and implementing new professional development programs, services, and delivery methods. Candidates must have earned a Pharm.D. degree and completed a residency or fellowship, or gained equivalent experience. Board certification is desired. Preference will be given to those with 5 or more years experience as a clinical practitioner or educator. Involvement in publishing or as an author/contributor to scholarly publications is desirable.

The College offers a competitive salary and benefits program. Title and salary will be commensurate with experience. Although recruitment will continue until the positions are filled, candidates should submit a letter of interest and curriculum vitae by August 1, 2005, to:

**Richard Collins
Operations Manager
American College of Clinical Pharmacy
3101 Broadway, Suite 650
Kansas City MO 64111
E-mail: rcollins@accp.com**

**Chair
Department of Clinical Pharmacy
School of Pharmacy
University of California at San Francisco**

Applications and nominations are invited for the position of Chair, Department of Clinical Pharmacy at the University of California, San Francisco. The department is committed to the advancement of health through excellence in scholarship, teaching, and the provision of pharmaceutical care. The department has established an outstanding record as an innovator in pharmacy curriculum, practice, and research. The department values and promotes diversity because it enhances the educational environment, workplace, and services provided by this campus. The department has 47 core faculty and more than 600 volunteer faculty supported by 165 staff (including clinical pharmacists). The total departmental budget exceeds \$22 million annually.

Candidates must be eligible for appointment at the full Professor level; have a scholarly focus; and have demonstrated excellence in clinical practice, teaching, administration, and leadership. Applicants also should have demonstrated creative ability through the development of innovative educational, practice, and research programs.

The chair is responsible for programs and activities on the main campus as well as five satellite programs, the California Poison Control Center, the Drug Research Unit at San Francisco General Hospital, the Drug Product Services Lab, the Drug Information Analysis Service, and the Center for Consumer Self Care. Responsibilities of the chair include providing leadership for the department, supporting its educational mission, conducting and fostering successful programs of scholarly activity, and establishing productive partnerships with other units and schools.

Candidates should have a minimum of 10 years academic experience, demonstrated commitment to and excellence in clinical practice and education, an outstanding record in scholarly activity, and exemplary leadership and administrative skills. A Pharm.D. is preferred.

Interested individuals should send a curriculum vita; a brief summary of practice, scholarly focus, teaching, administrative, research, and leadership experience; and the names, addresses, telephone numbers, and e-mail addresses of at least three references.

Applications will be accepted until September 1, 2005.

**Lisa Bero, Ph.D.
Professor and Search Committee Chair
Department of Clinical Pharmacy
3333 California Street, Suite 420
University of California, San Francisco
San Francisco, CA 94143-0936
deansoffice@pharmacy.ucsf.edu**

UCSF is an affirmative action/equal opportunity employer. The university undertakes affirmative action to assure equal employment for underutilized minorities and women, for persons with disabilities, and for Vietnam-era veterans and special disabled veterans.



**Heart Transplant/Heart Failure Clinical Pharmacy Specialist
Ochsner Clinic Foundation**

The heart transplant/heart failure team at Ochsner is a multidisciplinary group made up of physicians, nurse coordinators, nurses, a pharmacist, and social workers. About 35–45 heart transplants are performed each year. The heart failure unit records a daily census of 18–25 patients and the pharmacist plays a vital role in the drug management of these patients. Because of the expertise of the rest of the team members, the pharmacist often provides information in nontransplantation areas, such as for infectious diseases and critical care.

Our clinical pharmacy specialists are an integral part of the medical team with the opportunity to develop an innovative clinical practice. This position involves teaching Pharm.D. students, medical residents, and pharmacy residents. The pharmacy clinical specialist will also have the opportunity to perform clinical research in his/her chosen area of expertise.

The position has no distributive functions. The work week is Monday through Friday, with no weekends or holidays.

Ochsner offers an excellent benefit package and competitive salaries. If you are interested in using your clinical pharmacy skills in a progressive teaching environment, please apply online at www.ochsner.org/employment or contact Melissa Love at (504) 842-3603 or mlove@ochsner.org.

Applicants must have received the Pharm.D. degree, completed residency training, and possess a Louisiana pharmacy license (or be eligible for licensure). EEOE.



**Faculty Position in Primary/Ambulatory Care
Creighton University Medical Center
School of Pharmacy and Health Professions
Omaha, Nebraska**

Creighton University, a Catholic Jesuit institution, invites applications for a full-time, nontenure-track, clinical faculty position in primary/ambulatory care at the rank of Assistant or Associate Professor. The focus of practice will be anticoagulation, polypharmacy, and the development of additional pharmacy care clinics. Candidates should have an earned Doctor of Pharmacy degree and be eligible for licensure in Nebraska. Residency or equivalent experience is required. Responsibilities include provision of care to ambulatory clinic patients at the Veterans Affairs Medical Center in Omaha. Additional responsibilities include precepting clerkship students, teaching didactic lectures, maintaining a program of scholarly activity, student advising, and participating in school and university committees. Candidates should submit a letter of interest; curriculum vitae/resumé; and three letters of reference including names, addresses, and phone numbers to:

**Michael S. Monaghan, Pharm.D.
Chair, Department of Pharmacy Practice
Creighton University Medical Center
School of Pharmacy and Health Professions
2500 California Plaza
Omaha NE 68178
Telephone: (402) 280-1866
Fax: (402) 280-1268**

Creighton University is an Equal Opportunity Employer.

**Lecturer or Assistant Professor
North Dakota State University
College of Pharmacy
Fargo, North Dakota**

The Department of Pharmacy Practice at North Dakota State University College of Pharmacy is seeking one or more part-time or full-time faculty to assist with instruction in the College's Concept Lab. Type of appointment and hours are negotiable depending on qualifications. Responsibilities will include lab instruction for the Concept Lab and lectures in the Pharmaceutical Care course sequence. Applicants must be eligible for licensure as a pharmacist in North Dakota, possess excellent organizational and communication skills, and have a record of clinical pharmacy practice experience. Preferred qualifications include precepting or teaching experience, and a Pharm.D degree. Appointment at the assistant professor level requires a Pharm.D. degree and would carry additional responsibilities. Screening of applications will begin June 8 and continue until the position is filled. Applicants should send a letter of interest, CV, and 3 letters of reference to:

**Wanda Kearney
NDSU College of Pharmacy
118S Sudro Hall
Fargo ND 58105
E-mail: wanda.kearney@ndsu.edu**

NDSU is an equal opportunity institution.

**Assistant/Associate Professor or Professor in Primary Care Pharmacotherapeutics
Department of Pharmacy: Clinical and Administrative Sciences
College of Pharmacy
The University of Oklahoma Health Science Center
Oklahoma City, Oklahoma**

The University of Oklahoma College of Pharmacy invites applicants for a nontenure- or tenure-track appointment in the area of primary care pharmacotherapeutics. Service, clinical teaching, and research will be conducted in facilities of the University of Oklahoma Health Sciences Center or affiliated institutions.

Academic responsibilities include experiential training and education of pharmacy practice residents, primary care residents, and doctor of pharmacy students; design and delivery of various classroom teaching experiences; and development of a program of research and scholarship. A valid, unrestricted Oklahoma pharmacist license will be required. Completion of a doctor of pharmacy degree from an ACPE-accredited program is required. Completion of pharmacy practice and primary care residencies, or equivalent experience, is required. Board certification in pharmacotherapy (BCPS) and a certificate as a diabetic educator (CDE) are preferred. An established record of research and scholarship is preferred. Preference will be given to individuals with at least 5 years of academic and practice experience beyond residency training. Salary will be commensurate with experience. The position is available immediately. Applications for the position will be accepted until the position is filled.

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

**Michael E. Burton, Pharm.D.
Professor and Chair
Department of Pharmacy: Clinical and Administrative Sciences
College of Pharmacy, CPB211
The University of Oklahoma Health Science Center
PO Box 26901
Oklahoma City OK 73190-5040
Telephone: (405) 271-6878
Fax: (405) 271-6430
E-mail: michael-burton@ouhsc.edu**

The University of Oklahoma is an equal opportunity institution.

**Assistant/Associate Professor or Professor in Pediatric Pharmacotherapeutics
Department of Pharmacy: Clinical and Administrative Sciences
College of Pharmacy
The Schusterman Center
Tulsa, Oklahoma**

The University of Oklahoma (OU) College of Pharmacy invites applicants for a nontenure- or tenure-track appointment in the area of pediatric pharmacotherapeutics. Service, clinical teaching, and research will be conducted in inpatient or outpatient facilities associated with the OU College of Medicine—Tulsa, Department of Pediatrics.

Academic responsibilities include experiential training and education of doctor of pharmacy students, design and delivery of various classroom teaching experiences, and development of a program of research and scholarship. A valid, unrestricted Oklahoma pharmacist license will be required. Completion of a doctor of pharmacy degree from an ACPE-accredited program is required. Completion of a pharmacy practice and pediatric specialty residencies, or equivalent experience, is required. Salary will be commensurate with experience. The position is available immediately. Applications for the position will be accepted until the position is filled.

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

**Michael E. Burton, Pharm.D.
Professor and Chair
Department of Pharmacy: Clinical and Administrative Sciences
College of Pharmacy, CPB211
The University of Oklahoma Health Science Center
PO Box 26901
Oklahoma City OK 73190-5040
Telephone: (405) 271-6878
Fax: (405) 271-6430
E-mail: michael-burton@ouhsc.edu**

The University of Oklahoma is an equal opportunity institution.



**Bernard J. Dunn School of Pharmacy
Assistant/Associate Professor in Ambulatory Care**

The Dunn School of Pharmacy is seeking applicants for an assistant/associate professor in Ambulatory Care. The primary responsibility will be provision of ambulatory care services at the Veterans Affairs Medical Center clinics in Martinsburg, WV, located 30 minutes from Winchester, VA. The faculty member will also be expected to participate in classroom teaching, academic and community service, and research and scholarship. The candidate should possess a Pharm.D. or Ph.D. and be eligible for pharmacy licensure in the states of Virginia and West Virginia. The candidate should possess an in-depth understanding of ambulatory care pharmacy practice, strong interpersonal and organizational skills, and the ability to visualize innovative practice models. A pharmacy practice residency, or demonstrated equivalent experience in pharmacotherapy, is required. Interested persons should submit a letter of intent, CV, and three letters of reference to:

**Dawn Havrda, Pharm.D.
Chair, Ambulatory Care Search Committee
Dunn School of Pharmacy
1775 N. Sector Ct.
Winchester VA 22601
Telephone: (540) 678-4398
Fax: (540) 665-1283
E-mail: dhavrda@su.edu**