

ACCP Report

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The Stuff of ACCP

Robert M. Elenbaas, Pharm.D., FCCP

[Editor's note: Robert Elenbaas stepped down as ACCP's Executive Director at the end of 2003 after 17 years of service. The following is based on remarks made by Dr. Elenbaas at the 2003 Annual Meeting of the American College of Clinical Pharmacy.]



To borrow from Lou Gehrig, "Today I consider myself the luckiest man on the face of this earth." I have been blessed by an association with ACCP that dates to 1980—the College's first full-year of existence. Although not among ACCP's founding members, I certainly shared their passion to extend the frontiers of our profession,

and their belief that an organization focused solely on clinical pharmacy practice and research was needed if those frontiers were indeed to be extended and expanded. I first became involved as a committee member and chair, followed by election to the Board of Regents, and then election as ACCP's seventh president.

From its founding in 1979 to the mid-1980s, ACCP was entirely a volunteer-based organization. It had no headquarters as such and no paid staff. Around 1985, it became apparent to the Board of Regents that the College needed dedicated staff support if it was to have any hope of realizing its full potential as a change agent within pharmacy and health care. In 1986, I began to work part-time as ACCP's Executive Secretary, and in 1988 became the College's full-time Executive Director.

I read a book not too long ago by Bill Bryson titled, *A Short History of Nearly Everything*. In Chapter 26—The Stuff of Life—he comments that, "If your two parents hadn't bonded just when they did—possibly to the second—you wouldn't be here. And if their parents hadn't bonded in a precisely timely manner, you wouldn't be here either. And if their parents hadn't done likewise ..." and so on. Mr. Bryson then points out that if we go back only eight generations to the time of Darwin, there are more than 250 people on whose "timely couplings your existence depends." At 20 generations, the number is now more than 1 million. Go back to the time of the Romans and the

number is now about 1 quintillion (or 10^{18}), which, as it turns out, is several thousand times more than the total number of people who have ever lived.

How could this be if, for example, my ancestors alone or your ancestors alone account for far more people than have ever walked the Earth? Two things must be true. We must all have a little incest in our family trees (hopefully among only distant cousins!). And, we must share some common ancestors. We're all related. We're all family.

This is how I view the people who make up ACCP. We're all related. We're all family. One of the things that some social scientists study are the characteristics of strong families. These characteristics include:

- Strong families have commitment. The membership of each person in the family is recognized and valued. Family members are committed to helping each other succeed and there is an attitude of "one for all, and all for one." There is allegiance to the family.
- Strong families help younger members develop shared morals and values. These values provide purpose, direction, and perspective in the lives of the family members.
- Strong families deal effectively with conflict, stress, and crisis. All families experience conflict, but strong families attack the problem, not each other. When crisis does hit, strong families unite and draw on one another for strength and support.
- Strong families have a sense of shared responsibility. They use techniques for solving problems that encourage everyone to participate. They share decision making. The individual members are accountable to the family as a whole. They are committed to the family as a group and to its goals. They value family traditions and are proud of what makes their family unique.
- Strong families value service to others. They take an active part in their community, knowing that a stronger community helps to build a stronger family.

By any measure, the ACCP family is very, very strong. Together, we have made it so, and together, we will make it even stronger. I ask that each of you think about your own relationship with this family called ACCP and how being a part of it has benefited you personally and professionally. Pledge to help each other succeed. Reflect on those shared values that

attracted you to the College in the first place, and instill those righteous values in your students, residents, and fellows. Vow that we will draw on one another for strength and support. Be proud of the things that make ACCP unique.

Thank you for allowing me to serve as your Executive Director these 17 years. Thank you for the many wonderful contributions you have made to ACCP of your time, energy, talent, knowledge, and wisdom. And thank you for the many wonderful things you will help ACCP accomplish in the future on behalf of the patients we are all here to serve.

New Session for ACCP Leadership Training

The seventh biannual session of "**The Leadership Experience**," offered by ACCP in collaboration with LeaderPoint, is scheduled for March 1-4, 2004! More than 100 ACCP members have participated in this unique leadership development experience throughout the past 3 years. Each session is limited to 24 participants, allowing for a very hands-on approach to improving each participant's leadership skills.

The content of this course is based on over 20 years of research conducted by LeaderPoint staff on what separates great leaders from simply good leaders. This course is a culmination of that research and, based on ACCP participant course reviews, it makes a lasting impact on both personal and professional life.

"**The Leadership Experience**" is designed specifically for:

"This course is as optional as breathing"

Lane Bruner

- Those who depend on other people to accomplish the results they are seeking.
- Those who must work across disciplines and achieve results through cooperation.
- Those who have asked questions:

How do I solve people problems the first time without having to do it again?

There has to be a better way to get people to work together, but what is it?

How can I make a difference in improving what we must accomplish together?

Past courses have had participants from industry, academia, and health care settings - and all have found it overwhelmingly helpful in dealing with long-standing problems and issues.

"If you do one thing this year-go to this course-it will make an impact in your professional and personal life that will benefit you for years to come:"

James Holeman

"**The Leadership Experience**"

is planned for Monday through Thursday, March 1-4, 2004, in Kansas City, Missouri. The special registration fee arranged just for ACCP members is \$2300. Be sure to register early, as enrollment is limited to 24 people.

If you have questions, please contact Peggy Kuehl, ACCP Director of Education and Member Services, at pkuehl@accp.com or Mike Laddin, LeaderPoint, at

mladdin@leaderpoint.biz for more information. Or visit the LeaderPoint Web site at <http://www.leaderpoint.biz/accp.htm> to enroll online.

Call for Proposals 2004

ACCP Research Awards and Fellowships

Research Institute of the American College of Clinical Pharmacy

ACCP Career Development Research Award

Supports the research efforts of a mid-career scientist (i.e., more than 5 years since completion of formal training or first academic appointment) in experimental therapeutics, pharmacoeconomics and outcomes, or pharmacy-related health services research. Dates: July 2004 - June 2006. Award: \$50,000 in support of direct costs over a period of 2 years, plus \$5000 in support of institutional overhead.

APPLICATION DEADLINE: April 1, 2004.

ACCP Frontiers Research Awards

Support previously unmet or underserved areas of pharmacy-based health services research or clinical research. All ACCP members are encouraged to apply. Frontiers Research Awards may range from \$10,000 - \$50,000, depending on the proposal's requisite budget. It is anticipated that up to \$150,000 in total Frontiers Research Awards will be granted in 2004.

APPLICATION DEADLINE: April 1, 2004.

Investigator Development Research Awards

ACCP Pharmacotherapy Research Award
Amgen Hematology/Oncology Research Award
Amgen Nephrology Research Award
AstraZeneca Cardiovascular Research Award
AstraZeneca Health Outcomes Research Award
Aventis Infectious Diseases Research Award
Bayer Infectious Diseases Research Award
Kos Pharmaceuticals Dyslipidemia Research Award
Roche Laboratories Transplantation Research Award
Sanofi-Synthelabo Central Nervous System Research Award
TAP Pharmaceutical Products GI Research Award*
Watson Laboratories Anemia Research Award

*Tentative for 2004. Contact ACCP Research Institute to confirm availability before submitting application.

Support a specific research project directly related to the stated areas of emphasis. Dates: July 2004 - June 2005. Award: with the exception of the Kos Dyslipidemia Research Award, the various programs provide \$15,000. The Kos Dyslipidemia Award provides \$20,000. Eligibility: ACCP Full Members, Associate Members, or Affiliate Members who qualify as new investigators (i.e., 5 or fewer years since completion of their formal training or first academic appointment).

APPLICATION DEADLINE: April 1, 2004.

Fellowships

Aventis Oncology Fellowship*

Ortho-McNeil Infectious Diseases Fellowship

*Tentative for 2004. Contact ACCP Research Institute to confirm availability before submitting application.

Support the development of clinical scientists through postgraduate fellowship experiences, or through the support of graduate students who have at least completed their qualifying examinations. Research activities must be related to the stated areas of emphasis. These grants provide the fellow's stipend of \$29,000, travel support of \$1000, and personnel fringe benefits of \$1500 for either the 1st or 2nd year. Dates: funding will begin July 1, 2004. Eligibility: Preceptor-ACCP Full Member at time of application. Fellow-Full Member or Associate Member at time of application. **APPLICATION DEADLINE: February 3, 2004.**

For complete application information and packet, contact:

ACCP Research Institute
3101 Broadway, Suite 650
Kansas City, MO 64111
(816) 531-2177
E-mail: accp@accp.com

or

Download application materials at
www.accp.com/ClinNet/research.php

President's Column

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



Don't Read This!

Fact No. 1: The readership of the monthly newsletter (and thus the presidential column) has decreased since going exclusively to electronic format.

Fact No. 2: I'm not above trying a little reverse psychology to get you to read my column!

For the past several years, the College has adopted a "theme of the year", often inspired by the in-coming president's agenda or pet interests, the strategic plan, current events of importance to our discipline, or some combination of these factors. This year's theme, *Defining Our Future Through Advocacy*, is an example of the latter. Like all themes, it will drive our agenda and expenditure of energies to a significant degree over the next 10 months.

We are using the word advocacy in its broadest sense here. Thus, it is not only political advocacy, but all types of advocacy (for those of you in need of a dictionary definition: *advocacy = speaking or acting in support of some issue or cause*). Our political advocacy agenda contains many items that have vast implications for our profession's welfare and future. Since the time that I assumed the ACCP presidency, a significant event related to our advocacy efforts has occurred. That, of course, is

the passage of the Medicare reform legislation which includes provision of "medication therapy management services" for those elderly patients most at risk for pharmacotherapeutic misadventures. Although this legislation is far from perfect, it opens the door for future pharmacist reimbursement for cognitive services. However, many challenges are obvious and they will serve to direct our follow-up efforts related to this bill. The legislation does not specify that it will be clinical pharmacists (or a pharmacist of any type, for that matter) who provide this service. Thus, other health care practitioners may vie for this role. Should pharmacists be successful in assuming this role, how will we (or the payor) decide which pharmacists are qualified to provide the services? Can pharmacy be unified (as it was in support of the legislation) in answering this question or will we bicker over the issue to the detriment of the profession and American health care? We will continue to follow this issue, using our member base and partnerships with other pharmacy organizations to drive development and implementation of this and related legislation for the joint benefit of both our discipline and the public health.

Another position that we will continue to develop and advocate is the expectation that residencies should be required for all pharmacists involved in direct patient care by the year 2020. This is, of course, a controversial stand, but it is apparent that the typical pharmacy graduate, from a contemporary (and accredited) Pharm.D. program, is unable to provide basic services, such as the design, implementation, monitoring, and modification of pharmacotherapy (i.e., clinical pharmacy) upon graduation. Either academia needs to do a better job (unlikely given the current accreditation environment) or pharmacists need residencies. We believe the latter is the more practical solution and we will continue to articulate this position within the profession.

Speaking of academia, the Accreditation Council for Pharmacy Education (ACPE) is in the process of considering changes in the accreditation standards for Pharm.D. programs. ACCP (through the Educational Affairs Committee and the Board of Regents) will both monitor these proposed changes and advocate for higher standards. We, like many organizations, would like to ensure that pharmacists are competent to manage drug therapy upon graduation (one of the many unfulfilled promises of the "universal" Pharm.D. degree) but that will not happen at all schools of pharmacy under the current standards. If this was the case, we wouldn't be arguing for the residency requirement! At a minimum, rigor and specificity in curricular requirements related to pharmacotherapy and patient management skills (both didactic and experiential) need to be added to the standards and we will continue to advocate that position.

One of my presidential initiatives, affecting the employment market place for board certified specialists (all board certified specialists), was described in my first column. Our Board Certification Affairs Committee is already working hand-in-hand with the Board of Pharmaceutical Specialties to develop an effective and ongoing message to employers about the logic and importance of requiring this credential when hiring clinical pharmacist employees.

Many of you know that immediate past-president Mary Beth O'Connell initiated action for the College to redefine clinical

pharmacy with the purpose of reasserting our roots in patient care and clearly distinguishing clinical pharmacy from other disciplines within the profession. This piece of advocacy is vital to us as others have proffered definitions of clinical pharmacy that make it sound like a reactionary information service delivered on the request of physicians rather than the accountable, proactive system of direct patient care (often delivered collaboratively with other health practitioners) that it was always meant to be and usually is.

Last, but not least, is the goal to develop our members as advocates. Those of you who e-mailed your congressional

delegation regarding the Medicare outpatient prescription legislation at our urging are already fledgling advocates (regardless of your position on the issue). We will continue to develop tools that make your participation in the advocacy process more practical and efficient. Programming is being considered to offer members new skills in advocacy and our Web site already serves as a convenient tool to facilitate political advocacy. Indeed, the College and its members will be well positioned to advocate on behalf of both our patients and our discipline.

Congratulations to ACCP Members on Board Certification

Following are the names of ACCP members who passed specialty certification examinations offered by the Board of Pharmaceutical Specialties (BPS) in October 2003. Of the 405 people newly certified in Nutrition Support, Oncology, Pharmacotherapy, or Psychiatric Pharmacy, 276 were members of ACCP.

For information on the 2004 specialty examinations, contact BPS at (202) 429-7591 or on the Web at <http://www.bpsweb.org>.

Pharmacotherapy

Eric W. Alexander
Teresa Allison
Celene M. Amabile
Jan Anderson
Linda M. Arts
Scott E. Ayres
Omar Badawi
Stacey Elizabeth Baker
Jeremy P. Baran
Kate E. Barbato
M. Craig Barrett
Christopher M. Bland
Kathleen A. Blanton
Jason Blauwet
Kristen Bova Campbell
Carla Bouwmeester
Patrick D. Brackett
Donald Branam
David L. Burch
Stephanie Burch
Brian Burleson
Julianna A. Burzynski
Marilyn S. Buteyn
Melissa Butler
Andrew Cale
Hollie M. Carver
Emily E. Castelli
Larissa Chagan
Ursula Changela
Judy T. Chen
Elaine Chong
Sheryl Chow
David S. Chun
Owen Clark
Cindy K. Clemmons Selzer
Ronald D. Cloud
Catherine Cone
Brad L. Cook

Julie Cooper
Rebecca Corey
Kimberly Corpus
Craig Cox
Wendy C. Cox
Katherine Cunningham
Denise Daly
Mark Decerbo
Deborah DeEugenio
Joshua Devine
Tracy A. DeWald
Amy R. Donaldson
Amy W. Dooley
Catherine G. Dormarunno
William B. Dreitlein
Teresa A. Duhancik
Monica A. Dunnam
Krystal L. Edwards
Edward H. Eiland
Shareen El-Ibiary
Shelly J. Enders
Jingyang Fan
Christie Fergus
Dielle Fernandes
Katherine M. Field
Lynn Flach
Amy S. Flusche
Cindy Fong
Alicia Forinash
Bradi L. Frei
Christopher Frei
Vanessa Freitag
Steven Gabardi
Douglas Geer
Anthony T. Gerlach
Marlea Givens
Justine S. Gortney
Sarah E. Grady
Kelly A. Green Boesen

Shane Greene
Guy C. Greenia
Carla Gren
Gregory S. Guillory
Maureen Haas
Giselle Haettig
Elizabeth V. Hall
Ronald Hall, II
Darlene L. Hanif
Laura J. Hanson
Rozelle R. Hegeman-Dingle
Nancy H. Heideman
Jill Herendeen
Tamara L. Herring
Elora Hilmas
Traci Hindman
Tricia Hodgman
Todd R. Holt
Charlene A. Hope
Helen S. Horng
Douglas Humphrey
Rebecca A. Hutton
Lindsay M. Huxtable
Rupali Jain
Karen M. Jensen
Misty Jensen
Francisco Javier Jimenez
Jennifer R. Jones
Emilie L. Karpiuk
Jennifer Kasiar
Sheila Lynn Kasten
Shilpa Kinikar
Ty H. Kiser
Erika Kleppinger
Jennie Kleyman
Olga Klibanov
Kristy M. Klinger
Rick Knudson
Ada Z. Koch

Cedar Koetting
Brian Kopp
Lee A. Kral
Joan S. Kramer
Christopher C. Lamer
Cheryl B. Lathum
Alyssa Le
Phuong-Dung T. Le
Jean E. Lee
Michael P. Lee
Julie M. Lehn
Jill K. Leslie
Brent J. Lindley
Dionne Marie Lowder
Charlotte A. Luebbert
Conan MacDougall
Teresa M. Maddalone
Shane Madsen
Gregory E. Malat
Sirada Maphanta
Todd R. Marcy
Julie K. Martin
Craig A. McCammon
Christopher M. McCoy
Randy P. McDonough
Matthew McNeill
Kathleen M. Melsha
Sarah C. Middleton
Heather Miller
Laura A. Morgan
Spencer A. Morris
Kari Mount
Tracie Mulhern
Lisa M. Murphey
Timothy Murray
James D. Nash
Cynthia Naughton
Lama H. Nazer
Julie K. Offutt

Ifeoma U. Okafor
Carrie S. Oliphant
Kari L. Olson
Thomas F. Oppelt
Narith N. Ou
Larry D. Owens
Amy B. Pai
Manjunath P. Pai
Allana Panzarella
Nima M. Patel
Stephanie L. Paynter
Helen Fang Peng
Anthony Pepe
Cindy Perfect
Melanie W. Pound
Michael Postelnick
Atsuko Powers
Mary Pung
Leigh Ann Reed
Summer S. Regel
Daniel Rehrauer
Steven M. Riddle
Britt A. Ritter
Gloria S. Rizkallah
Ann E. Roach
Alice E. Robbins
Charmaine D. Rochester
Holly E. Rogers
Sona Sahni
Dina Salman
Tracie J. Sannicandro
Michael J. Saracino

Heidi Sawyer
Diane E. Schuetze
Thomas E. Schwartz
Pamela M. Schweitzer
Beth A. Segars
Catherine M. Sesing
Rina Shah
Roberta L. Shanahan
Judianne C. Slish
Brian S. Smith
Norm Smith
Virginia Foley Smith
Laura Carter Smoot
Jeannie M. Sohn
Kelly Sprandel
Lesia Stebelsky
Karen L. Steinmetz
Sara Stichert
Ryan Stolcpart
Scott Sutton
Victoria Tamis
Shanna M. Thibodeaux
Colby A. Thomas
Michael C. Thomas
Sylvia A. Thomas
Melinda J. Throm
Erin M. Timpe
Sheri M. Tokumaru
Erin R. Totleben
Cam Trinh
Kara Uram
Shital Vaghani

Aungkana Vichiendilokkul
Edward VonBerg
Lan Vu
Allison Wallace
Stephanie Wan
Eric Warren
Macary Barba Weck
Casey White
Monica I. Wilson
Cathy L. Worrall
Thomas J. Worrall
Jonathan M. Zand
Nutritional Support
Najwa Abdulkareem Al-Ghamdi
Scott E. Apelgren
Lisa G. Hall
Ginger Langley
Carmen S. Oitker
Anne M. Tucker
Stephanie Uses
Jacqueline H. Vo

Oncology

Cynthia E. Barlow
Amy J. Becker
Gwen G. Betterman
Robyn H. Bilmes
Ann Birner
Yelena Bogus
Damary Castanheira
Daisy Chung

Michael C. Cox
Sandra P. Dean
Barry R. Goldspiel
Amy J. Hatfield
Janet H. Laquet
Helen McFarland
Rickey C. Miller
Kelly K. Nystrom
Vivian Park
Doug Parr
Sachin Shah
Deborah A. Ward
Casey Williams
Katie A. Won
Shirley W. Wong
Barbara Yim

Psychiatry

Katie Carls
Adam Decatur
Donna Givone
Eric Kutscher
Alice Lee
Cindy A. Mascarenas
Lisa M. Mican
Karen Moeller
Jane Tesoro
Christopher Thomas
Quynh-Van Tran
Heide J. Wehring
Murad Younis

Senate Passes Pharmacy Education Aid Act - Action Moves to the House of Representatives

As it prepared to adjourn for the Thanksgiving holiday, the United States Senate passed a modified version of S.648, the "Pharmacy Education Aid Act of 2003" by voice vote on November 25. The bill was forwarded to the House of Representatives where it was referred to the House Energy and Commerce Committee on December 8 for its consideration early in 2004. The House bill is H.R.3591.

The Senate-passed measure retains two provisions of the legislation originally introduced in March. The two provisions are:

- the authorization of a loan repayment program for pharmacists willing to serve at least two years in a designated pharmacy critical shortage area as designated by the Health and Human Services Secretary; and
- the authorization of a loan repayment program for pharmacists interested in pursuing an academic career in pharmacy education.

The full text of the legislation can be found at:
http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=108_cong_bills&docid=f:h3591h.txt.pdf.

Senator Mike Enzi (R-WY), the lead Republican sponsor of the bill in the Senate, stated that "our nation more than ever needs an adequate supply and distribution of pharmacists to meet the expected demand for their services." Senator Ted Kennedy (D-MA) remarked that "the knowledge of a pharmacist is what is driving demand." Senator Barbara Mikulski (D-MD) identified herself as an "enthusiastic cosponsor" and asked the committee to commit itself to obtaining the appropriations necessary to implement this legislation "or they are hollow opportunities."

The bill, offered as a substitute amendment, was required to retain only those provisions that build on existing law. Chairman Judd Gregg (R-NH) believes that the pending reauthorization of health professions education programs in Title VII of the Public Health Service Act will be a more favorable opportunity to discuss new programs such as the grants for information technology contained in the original bill.

Senators Jack Reed (D-RI) and Enzi, together with six other U.S. Senators introduced the Pharmacy Education Aid Act of 2003 in March. S.648 provides enhanced support for pharmacy education to address the critical need for pharmacists and pharmacy faculty as the importance and use of medications in the care of patients continues to expand exponentially.

A December 2000 HHS study titled *The Pharmacist Workforce: A Study of Supply and Demand for Pharmacists*, documented the growing demand for pharmacists that currently exists and is expected to grow throughout the next decade, if not longer. Last year, the Senate passed a similar bill by unanimous vote; however, the House of Representatives was unable to pass companion legislation.

ACCP, the American Association of Colleges of Pharmacy (AACCP), and several other national pharmacy organizations support this legislation and are working collaboratively to seek passage in both chambers during the 2nd session of the 108th Congress.

ACCP members are encouraged to contact their Representative early in 2004 to urge their support and cosponsorship of H.R.3591. For further information, contact the ACCP Government Affairs office at (202) 756-2227 or ewebb@accp.com. You may also want to contact the AACCP Government Affairs office at (703) 739-2330.

Northern California is Newest ACCP Chapter

Leading the newest ACCP chapter, serving the needs of clinical pharmacists in Northern California, are Philip Gregory, President; Karol Matsune, President-Elect; Minh-Thu Dennen, Secretary; and Beth Puentes, Treasurer. Recognized by the ACCP Board of Regents at its August 8 meeting, this chapter brings to 15 the total number of ACCP chapters. For more information about this chapter, contact Phil Gregory at (209) 472-2240 or at pgregory@pletter.com

Ensom, Flynn Win Best Abstracts Competition

Congratulations to the winners of ACCP's Best Abstract Award Competitions held at the recent Annual Meeting in Atlanta, Georgia! Winning the Best Poster competition was Mary Ensom for her paper, *Treatment of antiphospholipid antibody syndrome in pregnancy: a randomized pilot trial comparing dalteparin to unfractionated heparin*. Ensom's coauthors at the University of British Columbia were Edwina Houlihan, Penny Ballem, and Mary D. Stephenson.

Jeremy Flynn won the Best Student, Resident, Fellow Paper competition for, *Differential regulation of mitogen activated protein kinases by angiotensin II receptor subtypes during myocardial ischemia-reperfusion injury*. Flynn's coauthors at the University of Kentucky were Ginell Post and Wendell Akers.



Each winner received a plaque and a \$250 honorarium to help offset travel expenses associated with attending the meeting. Honorable Mention citations were presented to Julie Bullock, Mary Hayney, and Nathan Wiederhold. Other abstract award finalists were Amber Beitelshes, Vincent Colucci, Leslie Davidson, James Kalus, and David Rogers.

Serving as judges were Geraldine Anastasio, Jerry Bauman, Kathy Bungay, Karim Calis, Joe DiPiro, Ron Floyd, Philip Hall, Michael Horton, Michael Klepser, Tim McGuire, David Nicolau, Stephen Piscitelli, Raylene Rospond, Mike Rybak, Joe Saseen, Sarah Spinler, Mike Ujhelyi, and Eva Vasquez.

The next abstract award competitions will be held at the 2004 Annual Meeting, scheduled for October 24-27 in Dallas, Texas. The abstract postmark deadline for this meeting is June 15, 2004. The Call for Abstracts will be issued in early March.

Call for Proposals

Cardiology, CNS, Hematology/Oncology, Infectious Diseases Minisabbaticals

The Cardiology, Central Nervous System, Hematology/Oncology, and Infectious Diseases Practice and Research Networks (PRNs) and the ACCP Research Institute invite proposals for their 2004 minisabbaticals. The minisabbaticals provide an opportunity for members of the respective PRNs to gain or expand their practice or research skills under the guidance of an expert mentor.

Applicants must be current members of the Cardiology, CNS, Hematology/Oncology, or Infectious Diseases PRNs. The host mentor must have demonstrated clinical or research experience in the applicant's area of interest that serve to enhance the applicant's practice or research program.

Information regarding the number of programs available and funding support provided can be downloaded from the ACCP Web site at <http://www.accp.com/ClinNet/research.php>.

Application Deadline: March 1, 2004.

ACCP Research Institute
3101 Broadway, Suite 650
Kansas City, MO 64111
(816) 531-2177
E-mail: accp@accp.com

Save these Dates!

June 5 - 8, 2004
for ACCP's
2004 Updates in Therapeutics:
The Pharmacotherapy Preparatory Course
in Austin, Texas

This is the best preparatory course around for Board Specialty Certification! Join your colleagues at the **Hilton Austin** for the acclaimed Pharmacotherapy Preparatory Course. This year's course will offer 20 case-based lectures:



- Biostatistics: A Refresher
- Biostatistical Applications
- Clinical Trial Design
- Critical Care Cardiology
- Endocrine Disorders
- Fluids, Electrolytes, and Nutrition
- Gastrointestinal Disorders
- General Psychiatry
- Geriatrics
- HIV/Infectious Diseases
- Infectious Diseases
- Nephrology
- Neurology
- Oncology Supportive Care
- Outpatient Cardiology
- Pediatrics and Maternal Care
- Pharmacokinetics: A Refresher
- Pharmacoeconomics: A Refresher
- Policy, Practice, and Regulatory Issues (NEW!)
- Pulmonary/Critical Care

More information is coming in late January 2004!

Pharmacogenomics: Applications to Patient Care

Reserve Your Copy Today!

Coming next month, ACCP's newest publication, *Pharmacogenomics: Applications to Patient Care*, is designed to prepare pharmacists to integrate pharmacogenomic principles into practice. The publication teaches the basics of genetics and pharmacogenomics, and discusses applications in specific therapeutic areas. Available in both print and online formats, *Pharmacogenomics* is composed of three modules described below. The chapters in each module have important structural elements to reinforce learning. Each chapter includes:

- content outlines
- learning objectives
- key words and abstract
- self-assessment questions
- references

Continuing pharmacy education credit is available for each module in the series.

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 discusses 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 potential to change the diagnosis, classification, and treatment of common diseases.

Module 2: Fundamentals of Pharmacogenomics

Module 2 presents the pharmacogenetics of oxidative drug metabolism and Phase II 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.

The text explores drug target pharmacogenetics and pharmacogenomics, 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 authors also discuss the role of pharmacogenomics in drug discovery, development, and its future impact in clinical practice.

Module 3: Pharmacogenomic Applications in Patient Care

Module 3 discusses current and future pharmacogenomic applications for several therapeutic areas. The module presents pharmacogenomic applications in oncology and hematology; cardiovascular disease; transplantation; infectious diseases, psychiatry; central nervous system disorders; immunology; and respiratory diseases.

Pricing and Ordering Information

Pharmacogenomics: Applications to Patient Care is available in both print and online formats. Single modules are available in the online format only.

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

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

Reserve your copy of *Pharmacogenomics: Applications to Patient Care* today! Your order will ship when the book is released in February 2004. Mention code R0104 when you place your order by phone at (816) 531-2177 or at the ACCP Online Bookstore at <http://www.accp.com/bookstore.php>.

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



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

First Book in PSAP-V Released; New Processes Introduced

Cardiology, the first book in the *Pharmacotherapy Self-Assessment Program*, Fifth Edition (PSAP-V), has been released. The book, which contains three modules, offers up-to-date and comprehensive information about commonly managed acute and chronic cardiovascular illnesses in pharmacy practice. Topics include:

- Acute Coronary Syndromes
- Acute Management of Arrhythmia
- Decompensated and Advanced Heart Failure
- Prevention of Cardiovascular Disease
- Management of Hypertension
- Dyslipidemias
- Chronic Arrhythmias Management
- Chronic Management of Angina
- Secondary Prevention of Stroke and Myocardial Infarction
- Chronic Management of Heart Failure

The PSAP-V Cardiology book, which offers a total of 24.0 contact hours, is available in both a print and online version. The book is one of 11 home-study books with review-style articles that cover a wide range of therapeutics to help pharmacists sharpen their skills and stay abreast of recent changes in drug therapy.

Each chapter includes updates of crucial pharmacotherapy information



with a focus on the provision of quality patient care to improve patient outcomes, footnotes giving participants more information on where to find specific information about something the author is discussing, an annotated bibliography to direct participants to additional resources for further study, and multiple choice self-assessment questions in case-study format written to improve participants' clinical management skills. The answer book provides answers and detailed rationale for the self-assessment questions.

Important News About New Processes

A new process has been introduced in PSAP-V regarding receipt of the answer books to protect the integrity of the continuing education (CE) tests. To receive continuing pharmacy education credit, an answer sheet must be returned for scoring. Continuing education credit will be awarded for test scores of 50% or greater. The answers to each CE test will be made available electronically (by e-mail) to all participants after they have successfully completed the CE tests. Those participants who desire to receive the answers in a printed format must waive their opportunity to receive CE credit for any remaining unused CE programs that are included in a book, unless they submit the CE tests for those programs at the same time.

To receive the explained answers to the CE questions without submitting a CE test, participants are asked to fill out the top portion of the PSAP answer sheet for the applicable module and check the waiver statement. Printed answer books will be sent out as they are released quarterly.

Other books in the PSAP-V series include Health Care Stakeholders, Psychiatry, Geriatrics/Special Populations, The Science and Practice of Pharmacotherapy, Infectious Diseases, Gastroenterology/Nutrition, Chronic Illnesses, Chronic Illnesses/Pediatrics, Oncology, and Critical Care/Transplantation.

PSAP-V has been approved by the Board of Pharmaceutical Specialties (BPS) for use in Board Certified Pharmacotherapy Specialist (BCPS) recertification. In addition, ACCP is approved by the Accreditation Council for Pharmacy Education (ACPE) to provide continuing pharmacy education.

For more specific information about the Cardiology book, other books, release dates of each book, projected CE credits for each book, and ACPE program numbers for each book in PSAP-V, visit the ACCP Bookstore at www.accp.com or www.psap.org.

Call for Applications

ACCP Heart Failure Training Program

Funded through an educational grant from GlaxoSmithKline, the ACCP Heart Failure Training Program is conducted at four different sites within the U.S.: the Medical University of South Carolina, the University of Michigan Health System, the University of North Carolina Heart Failure Program, and the University of Utah Medical Center UTAH Affiliated Heart Failure Program.

Depending on the specific site, the ACCP Heart Failure Traineeship is a 2- to 4-week, intensive training program that includes extensive clinical experience in either the ambulatory care and/or inpatient setting(s), a structured didactic component, and exposure to ongoing clinical research.

The primary goals of the heart failure traineeship are to provide pharmacy practitioners, fellows, residents, and students with specific knowledge and skills central to the management of patients with heart failure. For practitioners, the traineeship will provide sufficient knowledge and experience such that they should have the basis to establish a heart failure clinic or disease management program within their own practices. For pharmacy students, the traineeship provides an excellent elective clerkship that qualifies for academic credit within their home university.

Trainees received a grant-in-aid of \$1000 to help offset travel and lodging expenses associated with the experience.

To download additional information and application materials, visit:

<http://www.accp.com/ClinNet/research.php#heart>.

The application deadline is March 1, 2004.

ACCP Research Institute
3101 Broadway, Suite 650
Kansas City, MO 64111
(816) 531-2177
E-mail: accp@accp.com

New Members

Brinda Ahiayibor	Jennifer M. Buffie
Jeong Soon Ahn	Dawn E. Butler
Ann Allen	Mary A. Candelaria
Goar Alvarez	Paulo H. Carinha
Paul G. Ambrose	
Robert Anderson	Dale Carlson
Wendy Ang	James A. Carr
J. Arellano	Brian Caruth
Aisy Armero	Randall G. Carver
Rebekah R. Arthur	Mark Caspi
Heather A. Ashton	Chris V. Castin
Brian Aube	Howard N. Chambers
Heather Baade	Cynthia Chan
Chinedum P. Babalola	Manisha Chander
Dennis Baglien	Linda J. Chandler
Debbi L. Baker	Janice Chang
Jamie C. Barner	Jane Chang
Lisa Barnes	Melissa L. Chapel
Cristina Bello-Quintero	Anthony Chau
James K. Bennett	Yen-Hui Chen
Shelby L. Biasi	Sung Hui Choi
Steve B. Borowski	Paul Cihunka
Kris Boyea	William R. Clark
Michelle Brenner	Chelsea P. Cooper
Michelle L. Brodin	Scott Cooper
William Brooks	Mark B. Cope

Kathryn S. Crandall	Ginger H. Hearnburg
Sarah Crisp	Paul W.S. Heng
Edward P. Crumbley	Carlese Henry
Joao Paulo L. Cruz	Hend M. Hilali
David S. Cruzan	Olga Hilas
Anna O. D'Souza	David Hoelscher
Lynn Daniel	Ronnie Scott Holuby
Lisa W. Davis	Jennifer Horn
Lynne R. De Souza	Christine Howe
C. Andrew DeRyke	Lama Hsaiky
Chaitali J. Desai	Jiayin Huang
Renee M. Devine	Neal S. Huang
Francisca M. Dimas	Phil D. Hurley
Daryl Dineyazhe-Toya	Edward Hyde
Julie Ditucci	Barbara Insley Crouch
Thien-Ly Doan	Richard Jacobs
Stefanie Dockendorf	Beverly T. Jacobson
Brian A. Dotter	Don R. Janczak
Susan Downard	Russ Jensen
Biran P. Downey	Jeanette S. Johansen
Jared Downing	Peter N. Johnson
Kevin L. Duhrkopf	Sandra Johnson
Bret Dunlap	Tommy Johnson
Suu Duong	Nita Johnston
Jeff M. Durthaler	Tiffany E. Kaiser
John T. Ellgen	Eric K. Kaman
Tron Emptage	John G. Karafilidis
Gary A. Ernster	Keiko Kato
Fran Esfahani	Kenneth A. Kellick
William K. Fant	Steven Kesten
Doug Faries	Terry Keyser
Selena Farrar	Fayez Khalil
John M. Fastenau	Julie Kim
Donna J. Feild	Robyn Koelsch
Boula Fodda	Michael Korczynski
Heather N.S. Free	Frank J. Krivanek
Jennifer Gangel	Susan Kucukarslan
Angeli Garg	Melanie K. Kuester
Kevin George	Judy Lam
Mandana Ghodrat	J.L. Lamoureux
Cristian Gibson	Hilary N. Landers
Christina Glasgow	Collin E. Lee
Paul J. Godley	Jay C. Lee
Robert C. Gosselin	Alissa Lee
Masumi Goto	Natalia M. Leite
Sally H. Gower	Michelle C. Lenart
Ginger Gradell	Jennica A. Lewis
Loree Grose	Brad Liable
Amy M. Groves	Jeffrey C. Lombardo
Alissa F. Grzybowski	Sarah Lorentz
Yi Guo	Regina D. Lourenco
Shailendra Gupta	Katrina Luna
Anabela A. Gusmao	Ryan Lundell
Sherika Haire	Robert D. Maclean
Jason M. Hall	Barbara Maloney
Mary M. Hatcher	Lynn Marr
Kelly Hauri	Lazondra Martin
Lisa S. Head	Kinuyo Matsumoto
Cynthia S. Headlee	Mike Maturani

Tammy R. May
Pam McCormick
Josephine M. Mcleod
Dennis Meletiche
Luke Mendez-Vigo
Marlynn Micalizzi
LaTasha D. Miller
Rute Miranda
Susan E. Mitchell
Samir Mody
Christopher Moore
Marina Morgikian
Josee Morin
Kenneth A. Murphy
Elizabeth Musil
Judian A. Myers
Masahiro Nakano
Jamie Nappi
Sabrina Natarajan
Trisha Nguyen
Amy S. Nicholas
Terje Nilsen
Atsuko Nishioka-Powers
Ann Nista
Darrell J. Nix
Beatrice K. Nyakonu
Kate O'Dell
Shannon J. Oakley
Tanner Odom
Andrew T. Okamoto
Anthony G. Oladipo
Robert Paterson
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Rosemary Persaud
Carla M. Peterman

Jodi Petroski
Heather A. Puett
Jonathon W. Raap
Marc T. Ramby
Jairo E. Ramirez
Harriram Ramjit
John Rawson
Timothy G. Raymond
Daryl Regier
Felda Y. Relucio
Nadine P. Ribeiro
Ron Rostedt
Shaun Rowe
Kathryn Sabol
Ana Cristina Salgado
Francine D. Salinitri
Daniel J. Sandman
Fusae Sawamura
Timothy J. Sayles
Kelly N. Schupp
Kajs-Marie M. Schutzer
Josephine Sclafani
Michelle Scott
Elizabeth Sebranek
Yalin A. See
Michael Sever
Craig R. Shadle
Dianne W. Sharp
Stephanie N. Shoberg
Sarah P. Shrader
Jeff Sievert
Alvaro Simoes
Patrick Skeffington
Stephen A. Sokol
Pat Sommo
Phillip B. Sonke

June T. Spink
Edith St. Pierre
Brian Strang
Amy L. Stump
Cindy Sutherland
Naufel F. Tajudeen
Rajneesh Taneja
Kristapor Thomassian
Lydjie Tremblay
Lehuyen Trinh
Carole Turchin
Sharon B. Turner
Arie VanWingerden
David L. Vanburnt
Amy Virdi
Lai Fan Jennie Vong
Anil Vootkur

Scott Waldrop
Cher Walker
Jill S. Walker
John G. Walt
Wanda Wang
Bill Wargin
Eric Warren
Kimberly Watson
Nina Weidle
Clark Whitmier
Jennifer Wilbanks
Darlene Wilson
Thomas J. Worrall
Jennifer M. Yeh
Sharon Young
Wendy Zarella
Steve Zetzl

The following individual recently advanced from Associate to Full Member:

Thomas D. Nolin

New Member Recruiters

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

Brent M. Booker
Gerald G. Briggs
Anthony T. Gerlach
Sarah Lackey
Karl J. Maderas-Kelly

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 residents 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 pharmacist 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

Assistant/Associate Professor of Pharmacy Practice

College of Pharmacy Nova Southeastern University

NSU College of Pharmacy invites applications for several 12-month, full-time, University-funded, Pharmacy Practice faculty positions. Areas of interest include any subspecialty of medicine, such as (but not limited to) pediatrics, transplant, cardiovascular, neurology, and ambulatory care. The successful candidate will be responsible for developing and maintaining a clinical practice site, clinical and didactic teaching on campus, and contributing to the scholarly pursuits of the department.

The Pharmacy Practice Department has approximately 30 full-time faculty representing numerous clinical and research interests. The faculty are represented in many different practice sites in South Florida. All candidates should be willing to be part of a dynamic program and supportive of collaboration within the College as well as within other units in the Health Profession Division (HPD). The HPD includes various professional degree programs including osteopathic medicine. Positions are available at the main campus in Ft. Lauderdale and both of our distant sites, West Palm Beach and Ponce, Puerto Rico. NSU is the largest independent non-profit university in the southeast. Additional information about our programs can be found on our Web site (<http://pharmacy.nova.edu/home.html>).

Candidates should have a Doctor of Pharmacy Degree (or equivalent) and have completed post-doctoral residency and/or fellowship training in their respective specialty. In addition, they must be licensed or eligible for licensure in the State of Florida. Interested candidates should submit a letter of intent, current CV, and names and contact information for three professional references to:

Gary M. Levin, Pharm.D., BCPP, FCCP
Professor and Chairman,
Department of Pharmacy Practice
Nova Southeastern University
College of Pharmacy
3200 South University Drive
Ft. Lauderdale, FL 33328-2018
Phone: (954) 262-1310
Secretary (Ms. Crawford): 954-262-1388
Fax: (954) 262-2278
E-mail: glevin@nova.edu

FACULTY POSITION

DEPARTMENT OF PHARMACY PRACTICE PURDUE UNIVERSITY SCHOOL OF PHARMACY

Purdue University School of Pharmacy and Pharmacal Sciences invites applications for a 12-month, tenure-track position at the level of Assistant Professor. Applicants should possess the Pharm.D. degree or a Ph.D. in a pharmacy-related discipline and have specialty residency and fellowship training or equivalent experience. Candidates with a laboratory-based research focus are encouraged to apply, especially those with an emphasis on pharmacokinetics or pharmacodynamics. The successful candidate is expected to contribute to didactic and experiential teaching in the Doctor of Pharmacy degree program and to conduct individual and collaborative research directed toward his or her area of expertise. The position also involves participation in the Department's Master's and Ph.D. programs. Salary will be commensurate with qualifications and experience. Review of applications will begin December 1, 2003, and continue until the position is filled. Applicants should send a letter of application with curriculum vitae and the names and addresses of three references to:

James E. Tisdale, Pharm.D.
Associate Professor
Department of Pharmacy Practice
School of Pharmacy and Pharmacal Sciences
Purdue University
W7555 Myers Building, Wishard Health Services
1001 West Tenth Street
Indianapolis, IN 46202
E-mail: jtisdale@iupui.edu

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**ASSISTANT PROFESSOR, PHARMACOTHERAPY and ASSOCIATE
PROFESSOR/PROFESSOR, GERIATRICS
UNIVERSITY OF MARYLAND SCHOOL OF PHARMACY
PHARMACY PRACTICE AND SCIENCE**

We are seeking experienced practitioners/educators with scholarly achievements to fill two 12-month faculty positions to strengthen our significant programs in pharmacotherapy and geriatrics. Both of these areas are critical to the health of major segments of the population as the baby boomers age and access to drug therapy expands. Successful applicants will contribute to education in our top-ranked doctor of pharmacy program and post-Pharm.D. residency programs and will be expected to develop cutting-edge practice sites with a strong scholarly component. The ability to collaborate interprofessionally is essential on this campus that includes schools of medicine, nursing, dentistry, law, social work, and university and VA hospitals. The campus and school also are engaged in a major initiative in clinical sciences scholarship.

For the geriatrics position, we are interested in experienced candidates who would qualify for appointment at the associate or full professor level, with a strong record of accomplishments. The pharmacotherapy position is available at the assistant professor level. Both tenure-track and nontenure-track appointments are available. A Pharm.D. degree from an ACPE accredited school of pharmacy, residency or fellowship training (or the equivalent), and eligibility for Maryland licensure are required.

Applications will be reviewed as received. Positions are available July 1, 2004. Compensation is competitive. To apply, send a letter of interest and current signed curriculum vita along with three letters of recommendation to:

Gary H. Smith, Pharm.D. FASHP, FCCP
Professor
Department of Pharmacy Practice and Science
University of Maryland
School of Pharmacy
100 Penn St., Suite 205
Baltimore, MD 21201

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Director of Pharmacy

Saint Mary's has an excellent opportunity for a Director of Pharmacy who has demonstrated experience in managing all activities of hospital, retail, home infusion, and nursing home pharmacies. Qualified candidates must have a Bachelor of Science in Pharmacy, Master's or Pharm.D. preferred, and a minimum of 5 years experience in a pharmacy management position, providing hospital, ambulatory, and retail services. Successful candidates will have a strong background in planning and budgeting. Candidates also must have a current registered pharmacist license and controlled substance license issued by the Michigan State Board of Pharmacy.

Long-Term Care Pharmacist

Saint Mary's has openings for full-time and resource pharmacists in our long-term care pharmacy. The full-time position is Monday-Friday (first shift) with weekend call only every 4th weekend (a sign-on bonus is available). The resource position is Monday-Friday from 1pm-6pm (incentive pay is available).

Several convenient ways to apply:

- Apply online at www.smmmc.org
- E-mail a resume to springed@trinity-health.org
- Fax a resume to (616) 732-3004
- Questions? Please call us at (616) 752-6060

**Experiential Education Coordinator
College of Pharmacy
University of Minnesota, Twin Cities Campus**

The college of pharmacy at the University of Minnesota, Twin Cities is seeking an Experiential Education Coordinator for site development, clinical practice, and experiential education program-related activities at North Memorial Medical Center in Minneapolis, MN. This position carries a primary appointment as a full-time, 12 month (A-term) annually renewable academic professional and administrative position, including a secondary, unpaid appointment as Assistant or Associate Professor. The position involves joint accountability to the Director of Pharmacy at North Memorial Medical Center and to the college of pharmacy, with responsibilities split approximately half and half.

The primary responsibilities for this position include both site and experiential education program-related activities. Site-related activities include the development of an acute care pharmacy practice. Experiential education program-related activities include supervision of at least 18 5-week student clerkships (or nine 10-week acute care rotations), site development for future clerkships at North Memorial Medical Center, and participation in the development and assessment of the experiential curriculum. Scholarly activity is expected and time for scholarly activity is included in the college's portion of the position. The individual in this position will be encouraged to participate in governance and service activities in the department and college, and if desired, at the national level.

The position will report to the Director of Experiential Education at the University for all student-related activities and also will have a reporting relationship to the Director of Pharmacy at North Memorial for clinical activities. Both North Memorial Medical Center and the college of pharmacy will participate in annual evaluations, which will be based on the extent to which the person is meeting the goals and responsibilities established jointly for his/her performance. The college of pharmacy department head will be responsible for faculty development and assessment of faculty performance.

Requirements for this position include a Pharm.D., completion of a pharmacy practice residency or at least 3 years practice experience, teaching experience, and the ability for pharmacist licensure in Minnesota. Completion of a specialty residency in an acute care field or equivalent experience is preferred. Previous experiential teaching experience is preferred. Salary will be commensurate with the candidate's qualifications. The position offers a full range of benefits, which include 22 days vacation per year, as well as excellent health insurance and retirement plans. To apply, forward a letter indicating your interest and your curriculum vitae and arrange to have three letters of reference sent. *Electronic submission of application materials to cophr@umn.edu is preferred.* First review of applications will occur on January 9, 2004. The position will remain open until filled. Direct inquiries to:

**Wendy St. Peter, Pharm.D.
Chair, EEC Search Committee
C/O Stan Rackley
College of Pharmacy
5-130 Weaver-Densford Hall
308 Harvard Street S.E.
Minneapolis, MN 55455
(612) 625-1197
Fax: (612) 624-8684
Email: cophr@umn.edu**

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**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 in the Oklahoma City area:

Ambulatory Care/Anticoagulation Clinic – Assistant/Associate Professor, located at an affiliated hospital, St. Anthony's Hospital (2 positions available)

Oncology – Assistant/Associate Professor, located at the University of Oklahoma Health Sciences Center or an affiliated hospital

Infectious Disease – Assistant/Associate Professor - Tenure-track - development of research in collaboration with existing faculty and clinical service at OU Medical Center

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 on credentials. Some positions are immediately available; others will be available July 1, 2004.

Applicants should send a letter of application with curriculum vitae and the names and addresses (plus e-mail 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
Phone: (405) 271-6878, ext. 47259
E-mail: *michael-burton@ouhsc.edu*

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ASSISTANT PROFESSOR, ASSOCIATE PROFESSOR, OR PROFESSOR PHARMACODYNAMICS/PHARMACOKINETICS

The Oregon State University Department of Pharmacy Practice with the Oregon Cancer Institute is seeking applications for a tenure-track position in Pharmacodynamics/Pharmacokinetics at the Assistant Professor, Associate Professor, or Professor level. The position begins on or about September 1, 2004.

Candidates should possess strong research experience in pharmacodynamics or pharmacokinetics and will be expected to establish a vigorous research program. A Pharm.D., Ph.D., or equivalent degree is required. Preference will be given to applications that complement current expertise in the Department and Institute. A complete job description can be found at <http://oregonstate.edu/jobs/academic/>.

For full consideration, apply by February 1, 2004. Applicants should send a personal letter describing their research programs and teaching interests, a *curriculum vitae*, and three reference letters that address the ability to perform in this position to:

Sandra B. Earle, Pharm.D., BCPS
Chair, Search Committee
OSU College of Pharmacy, Portland Campus
Oregon Health & Science University, MC:GH212
840 S.W. Gaines Street
Portland, OR 97239-2985
Phone: (503) 494-1598
E-mail: earles@ohsu.edu

General information about the College of Pharmacy and Oregon State University may be obtained from <http://pharmacy.oregonstate.edu>. General information about the Oregon Health & Science University can be found at <http://ohsu.edu>.

OSU is an AA/EO Employer and has a policy of being responsive to the needs of dual-career couples