

# ACCP Report

American College of Clinical Pharmacy

Mary T. Roth, Pharm.D., M.H.S., FCCP; Editor  
Michael S. Maddux, Pharm.D., FCCP; Executive Director

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## Murphy Chosen ACCP President-Elect

**John E. Murphy**, Pharm.D., FCP, FCCP, was chosen ACCP President-Elect in annual elections held this spring. Dr. Murphy is Professor of Pharmacy Practice and Science and Associate Dean for Academic and Professional Affairs at the University of Arizona College of Pharmacy, and Professor of Family and Community Medicine in the College of Medicine in Tucson, Arizona. He is an investigator in the Center for Health Outcomes and PharmacoEconomic Research at Arizona and Honorary Professor at the University of Otago in New Zealand. Since becoming a member of ACCP in 1980, John has served on a wide variety of committees and task forces. These include chair of the Task Force on Residencies and membership on the Task Force on Board Certification, both of which led to 2006 ACCP position statements. He has served on or chaired the program, research affairs, budget and finance, credentials, and abstract review committees, and has been a reviewer for *Pharmacotherapy* since 1989. John currently serves on the Board of Pharmaceutical Specialties as ACCP's liaison.

In addition to ACCP activities, John has extensive experience in other national and international pharmacy organizations. He is a past president and board member of ASHP, where he also chaired the ASHP Research and Education Foundation and was a member of the Joint Commission of Pharmacy Practitioners (JCPP). Dr. Murphy's research interests include clinical pharmacokinetics, prevention of harm from drug-drug interactions, and outcomes of pharmacy education. For 5 years he was co-director of an NIH K30 Clinical Research Curriculum Award, whose goal was to create clinical scientists in pharmacy and medicine. He is currently an investigator on the pharmacy core of Arizona's AHRQ CERT grant, which is focused on ways to prevent harmful drug-drug interactions, and is on the executive committee of Arizona's interprofessional team applying for an NIH CTSA grant.

In other election results, **Lawrence J. Cohen**, Pharm.D., FCCP, BCPP, and **Ann K. Wittkowsky**, Pharm.D., FCCP, CACP, were selected as Regents. They will be installed at the 2007 Annual Meeting for 3-year terms. Dr. Cohen is Professor of Pharmacotherapy at Washington State University College of Pharmacy in Spokane, Wash, and previously served as Department Chairman. He is also Assistant Director for Psychopharmacology Research and Training for the Washington Institute for Mental Illness Research and

*"It's an exciting time to be a clinical pharmacist, and there are many opportunities for ACCP and its members to influence the profession..."*

—**John E. Murphy, Pharm.D., FCP, FCCP**



Training. Dr. Wittkowsky is Clinical Professor of Pharmacy at the University of Washington School of Pharmacy and Director of Anticoagulation Services at the University of Washington Medical Center in Seattle, Wash. She is a past Chair of the Cardiology PRN and maintains an active clinical practice.

**John D. Cleary**, Pharm.D., FCCP, and **Thomas C. Dowling**, Pharm.D., Ph.D., were each elected to 3-year terms as Research Institute Trustees. Dr. Cleary is Professor and Vice-Chairman of Research in the Pharmacy Practice Department at the University of Mississippi School of Pharmacy. Dr. Dowling is Associate Professor and Director of the Renal Clinical Pharmacology Lab at the University of Maryland School of Pharmacy.

Dr. Murphy will be installed as President-Elect at the 2007 ACCP Annual Meeting in Denver and will assume the presidency the following year. As President, he will serve as Chair of the Board of Regents and guide College programs and activities.

"These are exciting times for the pharmacy profession and ACCP. Never before have pharmacists been so actively involved in direct patient-centered care and in interprofessional and interdisciplinary research endeavors," says Dr. Murphy.

"ACCP has long been a leader in advocating change in the profession and also actively collaborates with national and international pharmacy organizations to advance the profession. Medication therapy management is one important step on our long-envisioned path to full financial recognition as health care providers who should be compensated for providing direct patient-centered care. As we move toward official recognition as health care providers, the issue of appropriate credentials will become ever more important. The future need for residency training for all graduates who provide direct patient-centered care has galvanized much of the profession and has developed a sense of urgency around

increasing the number of programs and positions,” commented Dr. Murphy. “ACCP has also been active in examining optimal education and training for clinical scientists after graduating from pharmacy school. I would now like us to examine ways to create excitement among pharmacy students to pursue careers in clinical science and academia.”

Other candidates for office in the 2007 elections were Barry E. Bleske, Susan P. Bruce, M. Lynn Crismon, Michael W. Horton, and David Knoppert.



## Chart Your Course With Curricular Programming in Denver

The 2007 ACCP Annual Meeting will be held October 14–17 in Denver, Colo. With four curricular tracks forming the core of the meeting, your map for educational enrichment is at your fingertips. View the complete meeting agenda and register online at [www.accp.com/am](http://www.accp.com/am). Early registration ends August 31, so register early to maximize your savings.

The meeting’s curricular tracks are designed to successively deepen your knowledge with each session you attend. This year’s curricular tracks are 1) The New Evidence Base: Complementary and Alternative Medicine (CAM); 2) Surrogate Markers in Research and Clinical Practice; 3) The Scholarship of Teaching; and 4) The Approach to Complex Drug Interactions: Clinical and Research Applications. These curricular tracks begin on Monday, October 15, and run through Wednesday morning, October 17.

*Curricular Track 1—The New Evidence Base: Complementary and Alternative Medicine* explores the evidence behind commonly used CAM treatments for chronic diseases, including risks and benefits of the treatments. The first program in this series includes a background on CAM, common CAM therapies, and the demographics of patients most likely to use CAM. The second program consists of a point/counterpoint debate designed to discuss the pros and cons of having greater CAM regulation by the Food and Drug Administration. The series wraps up with a program on how to implement CAM teaching in didactic and experiential settings.

*Curricular Track 2—Surrogate Markers in Research and Clinical Practice* opens with an introductory program on the use of surrogate markers as a substitute for clinical end points, the advantages and disadvantages of using surrogate markers as predictors of clinical benefit or harm, and mechanisms for validating surrogate markers. Day two of this series offers a look at opportunities for incorporating surrogate markers into research investigations, the role of surrogate markers in the approval of new drugs, and the view of the Food and Drug Administration on the use of surrogate

markers in regulatory approval studies. Day three concludes the series with presentations of case studies on the clinical application of surrogate markers in the diagnosis and management of patients with specific disease states.

*Curricular Track 3—The Scholarship of Teaching* considers both didactic and experiential settings as sites for systematic inquiry to explore applications of teaching and learning. This series of programs will be especially beneficial for seasoned, experienced educators. Programming includes discussions and tools on how to develop a scholarly program in teaching and how to gain recognition for your efforts. The series concludes with cases of successful scholarly projects undertaken by pharmacy faculty. These real-life examples will demonstrate how to document and share of teaching techniques that target specific learning outcomes.

*Curricular Track 4—Approach to Complex Drug Interactions: Clinical and Research Applications* provides a state-of-the-art update on the research and clinical approaches used to decipher complex drug interactions involving cytochrome P450 and UDP-glucuronosyl transferase enzymes. Also included in discussions will be drug transporters such as p-glycoprotein and solute transport carriers such as organic cation and organic anion transporters. In addition to didactic presentations, case studies will be used to highlight potential drug interactions via cytochrome P450 and UDP-glucuronosyl transferase enzymes and/or drug transporters that occur in the liver, gastrointestinal tract, kidney, and at the blood brain barrier.

To view the learning objectives for each presentation within a curricular track, visit the annual meeting Web site at [www.accp.com/am](http://www.accp.com/am). Information on other meeting programs and special events is also available on the Web site. Be sure to register online by August 31 for maximum savings on your meeting registration. While you’re online, link to the meeting’s official hotel, the Hyatt Regency Denver at Colorado Convention Center, to reserve your hotel room. Hotel rooms in downtown Denver are limited during our meeting dates. Reserve your room early for those dates you are certain you will be staying. The cut-off date to make reservations is September 13, 2007.

## ACCP Academy Programs Offered at Annual Meeting



The ACCP Academy’s newest offering, the Leadership and Management Certificate Program, will be in full swing at this year’s Annual Meeting in Denver, Colo. In addition to courses in the Teaching and Learning Certificate Program, the meeting agenda includes four programs that are part of the new Leadership and Management Certificate Program.

Designed to provide professional development in your major areas of responsibility, the ACCP Academy’s two current certificate programs use a curricular-based approach to enhance teaching and leadership abilities. Enrollees in the Academy attend interactive, live programs at ACCP’s meetings to earn credit toward a certificate of completion. In addition to live programming, enrollees participate in mentoring opportunities and self-assessment activities and develop electronic portfolios that demonstrate their application of concepts learned in Academy courses.

(continued on page 3)

For complete information on each of the Academy certificate programs, visit the Web site at <http://academy.accp.com/>. If you are new to the Academy, now is the perfect time to enroll. This year's Annual Meeting agenda includes the prerequisite courses for each of the programs. *Basic Training for New Clinical Faculty and Preceptors* and the *Leadership Primer* are both full-day programs offered in Denver as premeeting symposia on Saturday, October 13. These prerequisite courses are required for their respective certificate programs and must be successfully completed before moving on to the other required courses in the program. Those of you already enrolled in an Academy certificate program can receive credit in up to four courses at the Annual Meeting. Courses offered in Denver that are available for credit toward the Teaching and Learning Certificate include:

- Basic Training for New Clinical Faculty and Preceptors
- Education and Training PRN Focus Session—Effective Methods, Styles, and Strategies of Mentoring
- Assessing Student Learning
- The Scholarship of Teaching in Pharmacy—It Can Be Done: Pearls From the Trenches

Courses offered in Denver that will be available for credit toward the Leadership and Management Certificate:

- The Leadership Primer
- Self-Deception and Its Implications for Leadership
- Interpersonal Leadership Development
- Accomplishing Change Within an Organization: Managing Up and Managing Down

For the dates and times of any of the courses listed above, visit the Web site at <http://www.accp.com/am> and view the meeting agenda. For Academy enrollment information, including a downloadable application for either certificate program, visit <http://academy.accp.com/>.

## Attention Student Pharmacists:

### Make Plans to Attend Annual Meeting Student Symposium

Strike Gold in Denver!

Make plans now to attend the 2007 ACCP Annual Meeting in Denver, Colorado, October 13-18. Be sure to arrive in the Rocky Mountain city in time to take advantage of the special symposium exclusively for students, *Navigating the Roadmap From Student to Pharmacy Professional*, held on Saturday, October 13, from 1:00 p.m. to 4:30 p.m. This symposium is based upon input received from the National StuNet Advisory Committee and is designed specifically to help attendees traverse the gap from pharmacy student to professional.

Students from across the country will have opportunities to discuss the many options for their professional future. Attendees will gain tips on preparing CVs and letters of intent; learn about selecting PGY1 and PGY2 residencies; gather insights about fellowship programs; and hear about

the many unique career options available to today's graduates. In addition, participants will have the opportunity to examine the finer points of interviewing in small group breakout sessions and gain critical insights into the interview process as facilitators share their own experiences and expectations in interviewing potential residency, fellowship, or job candidates.

Students will learn about the post-interview process and how to be prepared for the match and the post-match residency "scramble." Former pharmacy residents will summarize their PGY1 experiences and describe their own career paths. Finally, student attendees will learn how to finance their future, including tips on how to get out of debt (or postpone debt if in residency/fellowship) and take advantage of 401(k) and other benefits.

The symposium concludes with an opportunity to hear a panel representing academia (including research), industry, inpatient clinical pharmacy, ambulatory care clinical pharmacy, and community pharmacy discuss their individual career paths and the typical education and training prerequisites for their respective practice areas. Speakers will entertain specific questions via a roundtable forum at the end of the session. For more information about this exclusive student program, contact Jon Poynter, ACCP's Membership Project Manager, at [jpoynter@accp.com](mailto:jpoynter@accp.com).

## President's Column

Stuart T. Haines, Pharm.D., FCCP,  
BCPS



### Thinking and Acting Globally

Members of the environmental movement have challenged us to "Think Globally. Act Locally." Our world today is interconnected in ways that we never imagined when ACCP was founded in 1979. Global climate change, once considered the exaggerated concerns of a few "crackpots," is now a widely accepted phenomenon. It is receiving increasing attention from not only the scientific community, but also the general public and our political leaders. Recent international "health scares" that have been widely reported in the lay press, such as SARS (severe acute respiratory syndrome), the "bird flu" (avian influenza), and multi-drug resistant tuberculosis, remind us that a world-wide pandemic is perhaps only one plane flight away. And the prevalence of other world-wide health problems, such as diabetes and AIDS, continues to rise unabated.

**Health, like climate, does not recognize the arbitrary political boundaries that separate us.**

(continued from page 3)

Health and well being are not merely the outcomes of individual behaviors such as eating a well-balanced diet, engaging in regular physical activities, and adhering to appropriate pharmacotherapy. They are also the product of many other influences such as genetic factors; access to health care products and services; exposure to violence and war; public policy; food quality; and technology. Moreover, health, like climate, does not recognize the arbitrary political boundaries that separate us. Admittedly, as clinical pharmacists, we're not responsible for addressing ALL of these issues on our own. But as well-educated practitioners whose calling is to care about the well-being of others, our responsibilities aren't limited to knowing how to appropriately use medications. I believe we are also responsible for paying attention to, and remaining informed about, ANY issue that affects human health as well as being engaged in the collective discussion about how best to address these issues.

There are many ways that ACCP members can become more informed and involved in global health. For starters, check out some of the free resources on the Internet, such as the Web sites of the World Health Organization (<http://www.who.int/en/>) or the U.S. Department of Health and Human Services (<http://www.globalhealth.gov/>). If you like to travel, consider going to an international professional meeting, such as the European Society of Clinical Pharmacy (ESCP) Annual Meeting in Istanbul, Turkey, this October or the ACCP-ESCP International Congress which will be held in Orlando, Fla, in April 2009. Or perhaps you can join a medical mission and travel to a part of the world where access to care is very limited. If you're not that adventurous, consider inviting someone from another country to spend some time with you in your practice! Many universities and professional societies participate in international educational exchanges. If you are really passionate about global health, consider joining the Global Health Council (<http://www.globalhealth.org/>) and going to their International Conference on Global Health which is held in Washington, DC, each May.

**To learn more about global health issues consider attending an international meeting, participating in a medical mission, or hosting a pharmacist from another country in your practice**

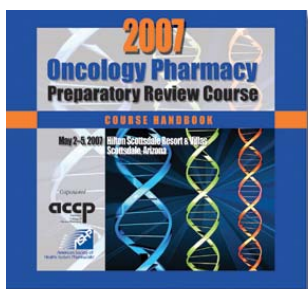
Organizationally, I hope that ACCP will continue to expand its international presence. Although we co-sponsor the International Congress on Clinical Pharmacy with ESCP every 5 years, there is a lot more we can and should do. Clinical pharmacy is a global movement, and ACCP should be at the forefront of supporting the growth of our discipline worldwide. It may surprise some ACCP members to learn that ACCP has two "regional" chapters outside the United States, the Canadian College of Clinical Pharmacy (<http://www.cccp.ca/>) and the Middle East Chapter of the

American College of Clinical Pharmacy based in Beirut, Lebanon. I'd like to see ACCP foster the development of additional international chapters. Frankly, we need to learn more about regional chapter needs (both within and outside the U.S.). That's why I tasked the Organizational Affairs Committee this year with making specific recommendations on how ACCP might better support our regional chapters. The number of ACCP members living outside the United States has grown substantially over the past decade. In 1997 there were only 31 international members of the College; today, there are 384 members residing outside the U.S. who belong to ACCP (see table below). We now have growing numbers of members in Canada (184), Saudi Arabia (21), Korea (21), Australia (12), Taiwan (10), and Portugal (10).

Location	1997	2002	2007
Africa	2	2	1
Asia	9	17	55
Australia / New Zealand	4	6	13
Caribbean	0	1	6
Canada	11	32	184
Europe	2	15	43
Middle East <sup>32</sup>	3	5	32
South/Central America	0	3	1
<b>Total</b>	<b>31</b>	<b>81</b>	<b>334</b>

ACCP members from around the globe now routinely engage in discussions about important therapeutic issues on our PRN listserves. Moreover, interesting and innovative stuff is going on out there! Check out the IMPACT program (Integrating family Medicine and Pharmacy to Advance primary Care Therapeutics) funded by the Ontario Ministry of Health (see: <http://www.impactteam.info/>). Or read the report by Dib and Abdulmohsin about establishing a pharmaceutical care clinic in Saudi Arabia (Dib JG, Abdulmohsin SA. *Am J Health Syst Pharm* 2007; 64:107-9). In Australia, pharmacists are routinely paid to provide "medication therapy management services" (they don't actually call it that, but it's the same concept) to complex patients. And primary care physicians are given financial incentives to refer patients to pharmacists. Surprised? I'm certain that many new and innovative pharmacist services are provided by members around the globe, from which we ALL can learn. As we strive to improve the lives of the patients we serve, I encourage everyone to share stories, successes, and (occasional) failures. Let's all think and act globally.

(continued on page 5)



## ACCP/ASHP's 2007 Oncology Course Materials Now Available

Instructional materials are now available for the 2007 edition of the *Oncology Pharmacy Preparatory Review Course* for home

study, cosponsored by ACCP and the American Society of Health-System Pharmacists (ASHP).

The *Oncology Pharmacy Preparatory Review Course* is designed to assist oncology pharmacy practitioners who are preparing for the Oncology Specialty Certification Examination administered by the Board of Pharmaceutical Specialties (BPS) and oncology pharmacists who are seeking to remain current in all aspects of their practice. The course also has been approved by BPS for recertification of board certified oncology pharmacists (BCOPs). The course content provides a comprehensive review of the domains and knowledge areas encompassed by the oncology pharmacy specialty.

The full course is available in two formats for home study: as a Web-based online course and as a CD-ROM and workbook package. Both formats offer continuing pharmacy education credit upon successful completion of online post tests. Instructional components also are priced for individual sale. For full information on the home study version of the course and to place an order, visit the ACCP Web site or order by at [http://www.accp.com/bookstore/op\\_07w.php](http://www.accp.com/bookstore/op_07w.php), or order by phone at (913) 492-3311 or by fax at (913) 492-0088.

### Review Course for BCOP Recertification

A dedicated version of each course format is available for BCOP recertification. Board certified oncology pharmacists who wish to earn recertification credit for the 2007 Oncology Pharmacy Preparatory Review Course must purchase access to one of the course formats available for BCOP recertification, and successfully complete and submit the post test by November 30, 2007. The course must be taken in its entirety in order to earn recertification credit. Partial credit is not available. For more information on the using the Oncology Pharmacy Preparatory Review Course for recertification or to place an order, visit the Web site above or call the ACCP offices at (913) 492-3311.



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. The program is approved for 28.0 contact hours; Program Numbers:

- 217-204-07-049-H01 2007 Oncology Pharmacy Preparatory Review Course for Home Study - Symptom and Pain Management, (Symptom Management, Part I, II and III;

Disease Related Symptoms: Hypercalcemia, SVC, Malignant Effusions; Pain Management & Bone Metastases, Spinal Cord Compression; Pharmacology-A review of the major classes of chemotherapy).

- 217-204-07-050-H01 2007 Oncology Pharmacy Preparatory Review Course for Home Study - Blood Cancers and Bone Marrow (Bone Marrow Transplantation I and II; Acute Leukemia/Tumor Lysis Syndrome; Chronic Leukemias; Lymphomas/Multiple Myeloma).
- 217-204-07-051-H01 2007 Oncology Pharmacy Preparatory Review Course for Home Study - Other Cancers (GI Cancers, Esophageal, Liver, Stomach; Melanoma and Skin Cancer, Sarcomas, Lung; Head and Neck and Brain Cancer; Pediatric Malignancies; Colon).
- 217-204-07-052-H01 2007 Oncology Pharmacy Preparatory Review Course for Home Study - Women and Men's Cancers and Genitourinary (Breast, Part I and II; Ovarian and Gynecologic Malignancies; Genitourinary Cancers, Renal, Testicular, Bladder; Prostate).
- 217-204-07-053-H04 2007 Oncology Pharmacy Preparatory Review Course for Home Study - Developments, Guidelines and Research (Drug Information and Guidelines; The Anticancer Drug Development Process; Oncology Drug Literature, Biostatistics and Study Design).

To receive continuing education credit, the Web-based post test must be successfully completed and submitted to ACCP. ACCP will mail statements of credit for continuing pharmacy education to participants within 4 weeks of successful completion of the Web-based post test Learning objectives, faculty disclosures, target audience, program goals, technical requirements and samples of the Oncology Pharmacy Preparatory Course are available on [http://www.accp.com/bookstore/op\\_07w.php](http://www.accp.com/bookstore/op_07w.php).



## Do Some Good and Have Lots of Fun at the ACCP Silent Auction

The ACCP Research Institute Silent

Auction/PRN Reception is one of the highlights of the College's Annual Meeting. So mark your calendar for Monday, October 15, 8:00 p.m. – 10:00 p.m., and plan for a really good time in support of the ACCP Frontiers Fund!

Look at just some of the many wonderful items donated to last year's auction by your fellow ACCP members:

- **Artwork and photography:** aerial and landscape photography, and even some pop art!
- **Books and subscriptions:** online newsletters, textbooks.
- **Clothing and sports equipment:** handmade clothing and accessories, sports equipment, team memorabilia, school logo clothing, designer bags.
- **Education and training:** minisabbatical experiences.
- **Electronics:** iPods, flash drives, portable hard drives, and other cool gizmos.

- **Food and regional items:** mail-order specialty foods, local delicacies, regional food baskets, domestic and imported wines, and other good stuff to eat and drink.
- **Home and luxury items:** fine and handcrafted jewelry, pottery, home accessories.
- **Travel and recreation:** time-share weeks, golf packages, vacation travel, sports tickets.

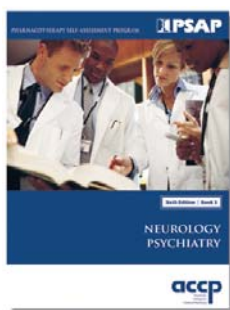
**Can you support the ACCP Frontiers Fund by donating items to be included in this year's silent auction?** (Don't know about the Frontiers Fund yet? Then please visit <http://www.accp.com/frontiers/>.)



You don't have to be at the Annual Meeting in Denver to help out, and the value of your item is considered a tax-deductible contribution to the Research Institute. Don't have anything to add to the auction? Cash contributions of at least \$100 will be used to obtain merchandise for the evening's raffles.

Get creative. Share your hobby or avocation with your fellow ACCP members and help the Frontiers Fund at the same time. Provide the information below by e-mail to Robert Elenbaas, ACCP Special Projects Consultant, at [relenbaas@accp.com](mailto:relenbaas@accp.com).

Your name: Item to be donated: Brief description of item: Item's \$ value:
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### Neurology and Psychiatry are Focus of New Book in PSAP-VI Series

Recent advances and controversies have emerged in the pharmacotherapy of psychiatric and neurological conditions. The newest book in ACCP's *Pharmacotherapy Self-Assessment*

*Program, Neurology and Psychiatry*, provides an update in the pharmacotherapy of common psychiatric conditions such as schizophrenia and mood disorders as well as topics that have not appeared in PSAP for at least one edition, namely anxiety disorders and substance use disorders. A third of the text is devoted to neurological disease: multiple sclerosis, Parkinson's disease, and hemorrhagic stroke. It is hard to imagine a pharmacy practice that does not encounter patients with these disorders in today's complicated and busy patient care environments. This book is designed so that pharmacists:

- Understand the advances in the etiology and diagnosis of selected psychiatric and neurological conditions;

- Incorporate pharmacotherapy advances into their knowledge base and treatment recommendations;
- Recognize the risks for metabolic and neurologic adverse events caused by medications and how to monitor and manage them;
- Gain insight into the signs, symptoms, and complexity of substance use disorders as well as the role of the pharmacist in the management of these disorders; and
- Improve the reader's understanding of hemorrhagic stroke, particularly the ability to recommend preventive and management strategies.

*Neurology and Psychiatry* was released July 16 and is the third book in the 11-book PSAP series. The book is available in both print and online formats. Continuing pharmacy education credit is available for successful completion of the self-assessment examinations provided with each module. The three modules combined offer a total of 15.5 hours of continuing pharmacy education credit. The sixth edition of PSAP features several improvements over previous editions, including all-online testing; answer books in pdf format; shorter, more concise chapters; and expanded annotated bibliographies.

Other books in the PSAP-VI series include Cardiology; Nephrology; the Science and Practice of Pharmacotherapy; Infectious Diseases; Pulmonary and Critical Care; Women's Health and Men's Health; Health Promotion and Maintenance; Gastroenterology and Nutrition; Oncology; and Chronic Illnesses.

PSAP is dedicated to offering the most up-to-date and comprehensive information available regarding recent drug therapy advances. Each book will expand your knowledge in the therapeutic area covered. PSAP is priced as detailed below (please note that shipping charges will apply):

	<u>Member Price</u>	<u>Nonmember Price</u>
<b>PSAP-VI Single Books</b>		
Print	\$60.00	\$80.00
Online	\$50.00	\$70.00
Print & Online	\$85.00	\$105.00
<b>PSAP-VI Series</b>		
Print	\$375.00	\$545.00
Online	\$330.00	\$490.00
Print & Online	\$545.00	\$705.00

For specific information pertaining to the release dates of future books, projected continuing education credits, and Accreditation Council for Pharmacy Education (ACPE) program numbers for each book, visit [http://www.accp.com/p6\\_se.php](http://www.accp.com/p6_se.php), where you can quickly and conveniently place your order through the online bookstore.



Use code **BR0707** when ordering PSAP-VI. PSAP-VI has been approved by the Board of Pharmaceutical Specialties (BPS) for use in Board Certified Pharmacotherapy Specialist (BCPS) recertification. ACCP is accredited by ACPE as a provider of continuing pharmacy education.

## New Members

Rayf Aboezz  
Lisa Aguas  
Sulaiman Alzubairy  
April Anderson  
Christopher Anson  
Mi Ja Back  
Dianette Badillo  
Heather Bailey  
Judith Batraverse  
Samuel Beavers  
Jessica Bigelow  
Abigail Bockholt  
Doris Bonano  
Aiana Braren  
Lauren Brown  
Luigi Brunetti  
Melissa Buchanan  
Jacqueline Bumpass  
Lauren Burchette  
Chad Cannon  
Amy Chan  
Aubri Charboneau  
Dezia Chavis  
Emily Clark  
Ashley Clouser  
Charles Coe  
Robin Colon-Moreno  
Jeremy Cordes  
Megan Corrigan  
Kim Dang  
Marie Davies  
Lea Davis  
Meghan Dawes  
Richard DeBenedetto  
Rachel Doering  
Lindsay Dunnum  
Agnes Ekiko  
Adenrele Fabayo  
Caroline Ferguson  
Stephan Flascha  
Noel Forrett  
Douglas Garland  
Grant Gautier  
Emily Gelzini  
James Graves  
Jennifer Griffin  
Jamie Hardee  
Cara Harshberger  
Kristen Heinlein  
Emily Heritage  
Brandon Hey  
David Holmes  
Lindsey Hoyer  
Stacie Hudgens  
Christine Hughes  
Syed Hussain  
Kristina Jones  
Paul Killian  
Paula Kwong  
Katie Lafleur

Josephine Lai  
Robert Lalley  
Beatrix Lam  
Jamie Lane  
Hung Le  
Travis Ledford  
Chui Ping Lee  
Joyce Lee  
Tamara Lee  
Zena Lehmann  
Jayme Lentz  
Raissa Louma  
Gary Mantese  
Lisa Mayer  
Lydia McAlister  
Anna McCalla  
Stephanie McCormick  
Lindsey McGreer  
Russell McKelvey  
Jeannie McKinnon  
Tracy Meidl  
Yvonne Mendoza  
Lucy Michael  
Tiffany Mingin  
Stacie Moore  
Amie Mousseau  
Jennifer Nguyen  
Milka Njoroge  
Jennifer Norris  
Carolyn O'Connor  
Christopher Ogles  
Timothy Oley  
Natasha Osbourne  
Katherine Owens  
Charles Park  
Stacey Parrish  
Adam Peele  
Stefani Penn  
Donna Peterson  
Jessica Poirier  
Caroline Preas  
Dana Radman  
Zahra Rahman  
Itzamarie Rosado-  
Rodriguez  
Zachary Royall  
Edwin Rutledge  
Lisa Savage  
Heather Schalk  
James Schlick  
Rebekah Schneider  
Eric Schramm  
Angela Scott  
Anna Seto  
Ryan Shaver  
Anthony Shelton  
Nataliya Shinkazh  
Elaine Sien  
Beth Smith  
Kristen Snodgrass  
Cindy Song  
Erin Stahl

Marius Stanczyk  
Jerusha Taylor  
Janine Then  
Betina Thomas  
Stacy Thomas  
Jessica Trompeter  
Tyler Turek  
Veena Venugopalan  
Daniel Waller  
Ashley Ward  
Ginger Warren  
Chris Williams  
Tammy Winterboer  
Raymond Wong  
Noreen Wong  
Mei Wu  
Je Yun Yu  
Sommer Zarbock

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

May Achi  
Brinda Ahiayibor  
Deborah Anderson  
Jennifer Askew  
Veronica Bandy  
Daniel Bestul  
Mary Binghay  
Kara Birrer  
Wesley Blankenship  
Rebecca Brannan  
Elizabeth Burkey  
Simona Butler  
Jung Caranfa  
Glenda Carr  
Alan Chock  
Jennifer D'Souza  
Dawn Dalen  
Jamie Dawson  
Megan Ehret  
Dale English  
Sonia Everhart  
Aimee Faso  
Jeanne Frenzel  
David Green  
John Huang  
Alicia Jahnke  
Jeffrey Kennicutt  
Denise Kockler  
Andrea Ledford  
Kathy Nguyen  
Anthony Phan  
Heather Schumann  
Anela Stanic  
Katy Wright

## New Member Recruiters

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

Lingtak-Neander Chan  
Timothy Clifford  
Diane Erdman  
Amy Franks  
Evelyn Hermes DeSantis  
James Hoehns  
Thanh Hogan  
Makiko Iwasawa  
Tali Johnson  
Jacqueline Joss  
Emilie Karpiuk  
Kenneth Kenyon  
Karl Kwok  
Norman Kwong  
Kerri Mielke  
Huan Nguyen  
Jennifer Nguyen  
Kimberly Jo Novak  
Elvin Price  
Jeremy Sharp  
Justin Shewmaker  
Jamie Swoboda  
Toby Trujillo  
Amy Valley  
Dinesh Yagaratnam



**Chief, Pharmacy Department  
Department of Health and Human Services  
National Institutes of Health Clinical Center**



Are you interested in a truly unique pharmacy leadership opportunity at the world's largest research hospital?

The National Institutes of Health (NIH) invites candidates with strong leadership and managerial credentials to apply for the position of Chief, Pharmacy Department at the NIH Clinical Center, Bethesda, MD. The NIH Clinical Center is the largest hospital in the world totally dedicated to translational clinical research. This position has become available at a truly exciting time in the history of NIH. In 2005, we moved into the brand-new, 800,000-square-foot Mark O. Hatfield Clinical Research Center, including a markedly expanded, beautiful new pharmacy facility. In 2004, the Clinical Center also activated a new Clinical Research Information System (CRIS), replacing one of the oldest electronic medical information systems in the world. Next year, we will integrate a new inpatient pharmacy module into the CRIS backbone, which will offer significant opportunities for automation and innovation. This integration promises to provide an interactive and creative information system foundation for our Pharmacy. The new Clinical Research Center facility, CRIS, and the soon-to-be-realized pharmacy information systems offer truly unique resources for developing and implementing new approaches to both error reduction as well as system and process redesign, ultimately improving patient safety, patient and investigator convenience, and overall pharmacy services.

The NIH Clinical Center Pharmacy provides clinical research support for the creative translational clinical research programs at the National Institutes of Health, thereby offering remarkable opportunities for scientific collaboration. In addition, the Pharmacy Department has an active pharmacokinetics research laboratory that offers unique opportunities for independent and collaborative research and a pharmaceutical development section that provides basic investigational drug chemistry, formulation, and compounding support for NIH investigators.

Candidates must be experienced and trained managers with substantial technical expertise in pharmacy practice and science who are able to manage a Pharmacy Department of 90 staff members in a complex research setting. The ideal candidate will have post-baccalaureate training, preferably at the doctoral level, as well as extensive academic supervisory experience. Candidates will demonstrate knowledge of, or experience with, pharmacy process design, pharmacy information system functions, and pharmacy automation systems to develop technical strategies to improve departmental efficiency and patient safety.

Applications will be received until July 31, 2007. Please reply with a CV and the names of six references to:

**Ms. Colleen McGowan  
Office of the Director  
CC, NIH, Bldg 10  
CRC, Room 6-3551  
10 Center Dr., MSC 1504  
Bethesda, MD 20892  
E-mail: [cmcgowan@cc.nih.gov](mailto:cmcgowan@cc.nih.gov)**

This position is subject to a background investigation.

*The Department of Health and Human Services and NIH are equal opportunity employers.*

**Emergency Department Clinician/Educator  
Department of Pharmacy  
Virginia Commonwealth University**

The Virginia Commonwealth University (VCU) School of Pharmacy is seeking a qualified individual for a full-time nontenure-track faculty position at the rank of assistant or associate professor in emergency department practice. The position is jointly funded by VCU and Sentara Norfolk General Hospital. Applicants should possess a Pharm.D. degree with advanced training in emergency department care, critical care, or ambulatory care, or possess equivalent practice experience. Excellent communication skills, patient care skills, and a commitment to scholarship and teaching are essential. Candidates must be eligible for pharmacy licensure in the Commonwealth of Virginia. The successful candidate will work with an interprofessional team to establish an exemplary practice setting in the Emergency Department at Sentara Norfolk General Hospital.

Responsibilities include the development and evaluation of a pharmacy emergency department practice model in collaboration with medical and nursing practitioners. In addition, the successful applicant will be involved in classroom and experiential instruction of Pharm.D. students, mentoring of pharmacy and medical residents, and scholarly activities in collaboration with other clinicians and faculty members. Service to the hospital, department, school of pharmacy, and the profession is also expected. Salary is based on qualifications and experience. All applications will be reviewed until the position is filled.

Virginia Commonwealth University is a doctoral research-intensive university with an enrollment of more than 30,000 students. Sentara Norfolk General Hospital, a 569-bed tertiary care facility, is home to the area's only Level I Trauma Center and burn trauma unit. The hospital is located in Norfolk, a city that offers eclectic dining, high-end shopping, a burgeoning arts scene, beaches, and year-round special events.

Applicants should send a letter of interest, curriculum vitae, and names and addresses of three professional references to:

**Jeffrey C. Delafuente, M.S., FCCP, FASCP  
Associate Dean and Professor  
Virginia Commonwealth University School of Pharmacy  
P. O. BOX 980581  
410 N. 12th Street, Suite 155  
Richmond, VA 23298-0581**

*Virginia Commonwealth University is an equal opportunity/affirmative action employer. Women, minorities and persons with disabilities are encouraged to apply.*

**Clinical Pharmacy Practitioners  
St. Joseph's Healthcare System  
Wayne & Paterson, New Jersey Locations**

St. Joseph's Healthcare System is a comprehensive healthcare organization committed to providing high-quality health care to the residents of northern New Jersey and is affiliated with the Mt. Sinai School of Medicine, Seton Hall University School of Graduate Medical Education, and the University of New England College of Osteopathic Medicine.

We currently have openings available for Clinical Pharmacy Practitioners at 1) **St. Joseph's Regional Medical Center**, a 650 bed tertiary medical center that offers a Level II Trauma Center and Children's Hospital, and 2) the **St. Joseph's Wayne Hospital** campus, which provides comprehensive medical, surgical, emergency, and diagnostic services.

The highly motivated clinical pharmacists we seek will be charged with optimizing patient care on our medicine units and will be responsible for clinical pharmacy programs, including, but not limited to, pharmacokinetic dosing, anticoagulation protocols, antimicrobial de-escalation, patient discharge counseling, and helping to ensure adherence to Joint Commission National Patient Safety Goals. In addition, these individuals will provide education to medical students/residents, pharmacy students, and pharmacy and nursing staff. Applicants must hold a doctor of pharmacy degree from an ACPE-accredited college of pharmacy and have, or be eligible for, licensure in the state of New Jersey. Residency training or 3–5 years of clinical experience preferred.

In addition to the rewards inherent in our public health mission, successful applicants can look forward to a competitive salary and a comprehensive benefits package. To learn more about our dynamic medical center, visit [www.sjhmc.org](http://www.sjhmc.org), or for immediate consideration, **please send your CV/resume to:**

**St. Joseph's Regional Medical Center  
HR Dept-VC/PPP/ACCP/7-07  
703 Main Street  
Paterson, NJ 07503  
Fax: (973) 754-4511  
E-mail: [careers@sjhmc.org](mailto:careers@sjhmc.org)**

*EOE M/F/D/V*

*Faith, Care and Medicine... Working Together*

**ST. JOSEPH'S HEALTHCARE SYSTEM**

St. Joseph's Regional Medical Center • St. Joseph's Children's Hospital  
St. Joseph's Wayne Hospital • St. Vincent's Nursing Home  
Visiting Health Services of New Jersey, Inc.

*A Ministry of the Sisters of Charity of Saint Elizabeth*

[www.StJosephsHealth.org](http://www.StJosephsHealth.org)

## **Infectious Diseases Clinical Specialist St. Louis University Hospital**

**Position Description:** The Infectious Diseases Clinical Specialist's primary responsibilities include daily rounds with the infectious diseases consult team, implementation of the antibiotic control program, and education/development of new automated infectious diseases decision support software. Other responsibilities will include development and evaluation of medication therapy protocols; participation on committees relevant to areas of service; provision of formal education to students, residents and other health care providers; and participation in research activities of the department and institution.

**Required or desired credentials or experience:** Eligibility for, or current licensure in, the State of Missouri; Pharm.D. degree required; residency training in infectious diseases. BCPS certification is desired.

**Description of institution/organization:** Saint Louis University Hospital is a regional 356-bed, tertiary care, Level 1 Trauma and referral center. The institution's primary role is the diagnosis and treatment of seriously ill and injured adult patients requiring highly sophisticated systems, technologies, and the support of highly trained health care professionals from many disciplines. As a tertiary care center, we provide a full range of services in all areas of medicine and surgery. Saint Louis University Hospital is the primary teaching site for the Saint Louis University School of Medicine and Allied Health Sciences.

For further information, please contact:

**Tim Heuring, Pharm.D.**  
**Director of Pharmacy Services**  
**Telephone: (314) 268-7153**  
**or**  
**Erin Bonk**  
**Recruiter**  
**Telephone: (314) 268-7794**

A Passion for Healing



ST. JOHN HOSPITAL AND MEDICAL CENTER

## Oncology Specialist

The Van Elslander Cancer Center, Southeast Michigan's comprehensive state-of-the-art ambulatory oncology and infusion center on the campus of St. John Hospital and Medical Center, has a great opportunity for you. Come join the St. John team that is recognized nationally as a Top 100 Hospital and Top 15 Teaching Hospital by Solucient.

We are seeking a motivated and skilled Oncology Specialist to join our team that services the adult and pediatric patients of Detroit and the surrounding communities of Southeast Michigan. This position was created through the request of the private practice physicians and over the past 5 years has grown to be an integral part of the multidisciplinary team approach to treating our patients.

The VECC pharmacy staff consists of 2 full-time highly skilled and dedicated technicians and operational pharmacists who work under the direction of the Oncology Clinical Specialist. This Specialist counsels all of our patients whether they are new to the infusion center or returning for an additional treatment cycle. The Specialist reviews all orders and works closely with the medical staff to optimize therapy for our patients. The multidisciplinary team members also value the Specialist's expertise through his/her involvement in the Oncology Improvement Council, tumor board case reviews, or rounding in the Lymphoma clinic.

Interested candidates can visit the VECC website for a virtual tour and can apply directly online at [www.stjohn.org](http://www.stjohn.org) or contact Michelle Dehoorne-Smith at:

[michelle.dehoorne-smith@stjohn.org](mailto:michelle.dehoorne-smith@stjohn.org) or at (313) 343-6381.



ST. JOHN HOSPITAL & MEDICAL CENTER