

ACCP Report

American College of Clinical Pharmacy

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

Vol. 35, No. 7; July 2016

Kolesar Chosen ACCP President-Elect



Jill M. Kolesar

Jill M. Kolesar, Pharm.D., FCCP, BCPS, was chosen as ACCP president-elect in the annual elections held this past spring. Kolesar is a professor of pharmacy at the University of Wisconsin and holds administrative positions at the University of Wisconsin Carbone Cancer Center (UWCCC) as the co-chair of the Molecular Tumor Board (MTB), co-leader of the Phase I Disease-Oriented Team, and director of the analytical laboratory. After 15 years as a clinical pharmacist in the hematology clinic at William S. Middleton Memorial Veterans Hospital, Kolesar transitioned her clinical practice to UWCCC, where she co-chairs the MTB, a multidisciplinary group that reviews somatic mutations and recommends therapy targeted to those mutations for patients with cancer. Her research focuses on the development of anticancer agents with an emphasis on targeted therapies and biomarkers. She has written more than 200 abstracts, research articles, and book chapters, and as a principal investigator, she has received more than \$1.5 million in research funding from the National Cancer Institute, American Cancer Society, and other sources. She has served ACCP as chair of the Hematology/Oncology PRN (2001–2002), member of the Board of Regents (2003–2006) and the Research Institute Board of Trustees (2012–2014), and member of the Research and Educational Affairs committees and the Genomics Task Force. She is the faculty adviser for the University of Wisconsin-Madison student chapter of ACCP, has made many invited presentations at ACCP meetings, and is a frequent reviewer for ACCP abstracts, posters, and grant proposals.



Nancy Shapiro

In other election results, **Nancy Shapiro**, Pharm.D., FCCP, BCPS, and **Toby Trujillo**, Pharm.D., FCCP, FAHA, BCPS-AQ Cardiology, were selected as regents. They will be installed for 3-year terms at the 2016 ACCP Annual Meeting. Shapiro is currently a clinical



Toby Trujillo

associate professor, Department of Pharmacy Practice, University of Illinois at Chicago College of Pharmacy, and operations coordinator and clinical pharmacist in the antithrombosis clinic at the University of Illinois Hospital & Health Sciences System. Trujillo is an associate professor at the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences and a clinical specialist in cardiology/anticoagulation at the University of Colorado Hospital.



Donald Brophy



Judith Smith

Donald Brophy, Pharm.D., M.Sc., FCCP, FNAP, BCPS, and **Judith Smith**, Pharm.D., FISOPP, BCOP, CPHQ, were elected to 3-year terms as Research Institute trustees. Brophy is the Nancy L. and Ronald H. McFarlane Endowed Professor of Pharmacy, chair of the Department of Pharmacotherapy and Outcomes Science, and professor of medicine at Virginia Commonwealth University. Smith is an associate professor in the Department of Obstetrics, Gynecology and Reproductive Sciences and director of the Women's Health Integrative Medicine Research program at the University of Texas McGovern Medical School and adjunct professor in the Department of Clinical Sciences & Administration at the University of Houston College of Pharmacy.

Kolesar will be installed as president-elect at the 2016 ACCP Annual Meeting in Hollywood, Florida, and will assume the presidency the following year. As president, she will serve as chair of the Board of Regents and guide College programs and activities. In an interview with the *ACCP Report*, Kolesar commented:

I am very grateful for the opportunity to serve the College as president-elect, and am eagerly anticipating working with the dedicated membership and

staff to advance the strategic mission of ACCP. I share ACCP's commitment to the interdisciplinary collaboration needed to develop, advance and position clinical pharmacists as leaders in research, patient-centered care and education and feel that recent, unprecedented changes to the health care system, precision medicine, and oncology research funding are providing unique opportunities to advance our profession.

ACCP's strong advocacy and national presence has helped make it possible for ACCP members to take on interdisciplinary leadership roles. Over the next 3 years I will strive to expand the advocacy, support, and mentorship that ACCP provides to clinical pharmacy researchers, practitioners and educators, and foster their development into interdisciplinary leadership roles. As the leader of this member-driven organization, I believe learning about the ideas and experiences of ACCP members will be a foundational underpinning in advancing the mission of ACCP. I look forward to speaking with many of you at the upcoming ACCP Annual Meeting and hearing about your vision for the future of ACCP. Thank you for the honor of serving the College.

Other candidates for office in the 2016 elections were Varsha Bhatt-Mehta, Brian Irons, Michael Klepser, Bradley Phillips, and Kimberly Tallian.

2016 ACCP Annual Meeting to Feature Extensive Lineup of Educational Programming



Plan now to attend the 2016 ACCP Annual Meeting, October 23–26, 2016, in Hollywood, Florida. This year's meeting will offer an extensive lineup of educational programming on the most topical issues ranging from emerging therapies to the advancement of clinical pharmacy practice and education. Register now at www.accp.com/am.

The meeting schedule of events will feature core educational sessions developed by the 2016 ACCP Annual Meeting Program Committee that provide in-depth reviews of emerging issues and challenges facing practitioners, including:

- Advances in immunotherapy and the microbiome: principles and patient outcomes
- Challenging disease states—an update on management from the provider and patient perspectives
- Clinical controversies
- Conducting practice-based research to improve patient care
- Emerging knowledge, issues, and challenges with marijuana and synthetic cannabinoids
- Expanding pharmacy impact: transitional care management and chronic care management
- Frontiers in pharmacogenomics: predictive prescribing and beyond
- Hyperlipidemia and COPD: two old problems with new therapies and goals
- New insights on common problems—pain management and diabetes care
- Preceptor development: educational strategies for improving student practice-based abilities and interdisciplinary communication
- Preceptor development: training for transition to practice
- Primary care management of emerging complications with chronic HIV infection and cancer survivors
- Speaking the language of the C-Suite—how to justify clinical pharmacy services to administrators and consultants
- The Affordable Care Act and practice advancement: implications for quality and patient care

Annual Meeting programming will also include 23 highly specialized Practice and Research Network (PRN) focus sessions, scientific paper and platform presentations, the Business and Town Hall Meeting, the exciting live semifinal and final rounds of the ACCP Clinical Pharmacy Challenge, ACCP Academy core programming, the Residency and Fellowship Forum, and much more!

Visit the ACCP website at www.accp.com/am to view the complete meeting schedule, register for the meeting, and begin planning your itinerary. Take advantage of the discounted early-bird rates by registering before **September 16, 2016**.

Fall 2016 BPS Exam Registration Open Through August 1



Registration for the fall 2016 Board of Pharmacy Specialties (BPS) examinations is now open through **August 1, 2016**. View the BPS Candidate's Guide, review FAQs, and register for an examination on the BPS website at www.bpsweb.org.

ACCP's Clinical Reasoning Series Offers Recertification Credit for Board-Certified Specialists and Features Programs in Two New Specialties

Clinical Reasoning Series



Two new ACCP Clinical Reasoning Series programs will offer recertification credit for Board Certified Critical Care Pharmacists (BCCCPs), Board Certified Pediatric Pharmacy Specialists (BCPPSs), and Board Certified Pharmacotherapy Specialists (BCPSs). For the first time in 2016, the Clinical Reasoning Series will offer live educational programs in Pediatric Pharmacy and Critical Care Pharmacy. These offerings will explore cutting-edge, contemporary topics of relevance to everyday practice and use active learning exercises designed to advance the skills and abilities of the board-certified specialist. Each program will provide 6.0 continuing pharmacy education credit hours that can be used toward recertification. All programs will take place on Saturday, October 22, 2016, in conjunction with the 2016 ACCP Annual Meeting in Hollywood, Florida.

Clinical Reasoning Series in Critical Care Pharmacy—*Management of Patients with Circulatory Shock*

"From Theory to Practice: Clinical Reasoning Series in Critical Care Pharmacy" has been approved by the Board of Pharmacy Specialties (BPS) for the recertification of BCCCPs and BCPSs. This year's program will provide an in-depth analysis of current strategies for the management of patients with circulatory shock and conditions that may lead to circulatory shock, as well as discuss the implications for pharmacists' patient care services.

BCCCPs and BCPSs can earn 6.0 hours of recertification credit. Partial credit is not available. **Participants who are certified in both critical care pharmacy and pharmacotherapy will earn 6.0 hours of credit toward recertification in both specialties.**

Management of Patients with Circulatory Shock will include the following sessions:

- Overview of shock pathophysiology and monitoring
- Treatment of hypovolemic shock and critical bleeding
- Cardiogenic shock and mechanical circulatory support for advanced heart failure
- Thrombolytics for massive and submassive pulmonary embolism
- Vasoactive medications for septic shock
- Methods to increase success for the sepsis quality measure

Clinical Reasoning Series in Pediatric Pharmacy—*The ABC's of Pediatric Epilepsy: From Status Epilepticus to Long-term Seizure Management*

"From Theory to Practice: Clinical Reasoning Series in Pediatric Pharmacy" has been approved by BPS for the recertification of BCPPSs. This year's program will evaluate pharmacologic treatment options for patients who present in status epilepticus and examine the efficacy and toxicities of the oral antiepileptic medications used to treat various pediatric epilepsy syndromes. Attendees will gain skills in evaluating the published literature concerning the management of pediatric epilepsy and in designing an individualized, evidence-based therapeutic plan for managing patients with complex pediatric epilepsy. The program will also examine treatment options for patients with pharmacoresistent epilepsy and possible alternative therapeutic options for seizure control. The program offers 6.0 hours of BCPPS recertification credit. Partial credit is not available.

The ABC's of Pediatric Epilepsy: From Status Epilepticus to Long-term Seizure Management will include the following sessions:

- Pediatric epilepsy basics
- Acute management of status epilepticus (ED through ICU)
- Antiepileptic medications
- Pharmacoresistent epilepsy treatments: ketogenic diets and beyond
- Patient cases/panel discussion

In addition to these programs for the newest specialties, ACCP will offer Clinical Reasoning Series programs in Ambulatory Care Pharmacy and Pharmacotherapy.

Clinical Reasoning Series in Ambulatory Care Pharmacy—*Hepatitis C: The Newest Strategies for Management and Treatment*

“From Theory to Practice: Clinical Reasoning Series in Ambulatory Care Pharmacy” has been approved by BPS for the recertification of Board Certified Ambulatory Care Pharmacists (BCACPs). This year’s program will provide an in-depth analysis of the current evidence on the use of various agents approved for the management of hepatitis C and discuss the implications for pharmacist patient care services. BCACPs can earn 6.0 hours of recertification credit. Partial credit is not available.

Hepatitis C: The Newest Strategies for Management and Treatment will include the following sessions:

- Background of hepatitis C virus (HCV)
- Initial treatment of HCV
- Retreatment and resistance
- Treating HCV in “special populations”
- Role of the ambulatory care pharmacist in HCV treatment
- Challenges with HCV treatment
- The future of HCV treatment

Clinical Reasoning Series in Pharmacotherapy—*Updates in Challenging Infectious Diseases*

“From Theory to Practice: Clinical Reasoning Series in Pharmacotherapy” will focus on contemporary strategies for the optimal management of patients with fungal infections, endocarditis, meningitis, and intra-abdominal infections. It will also explore best practices in the management of resistant gram-negative infections. Sessions will detail and apply evidence that helps inform individual patient care and advances pharmacist services. The program will offer 6.0 hours of BCPS recertification credit. Partial credit is not available.

Updates in Challenging Infectious Diseases will include the following sessions:

- Treatment of fungal infections
- Update on the treatment of endocarditis, meningitis, and intra-abdominal infections
- Best practices in the management of resistant gram-negative infections
- Patient cases/panel discussion

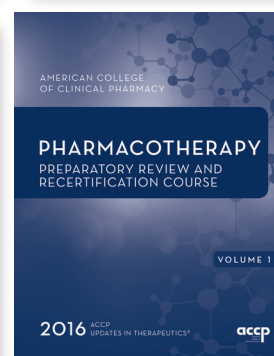
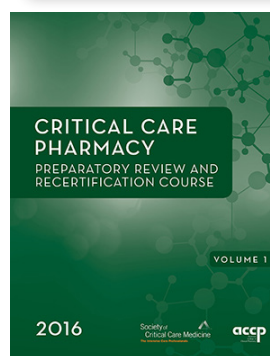
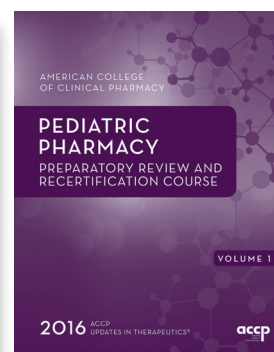
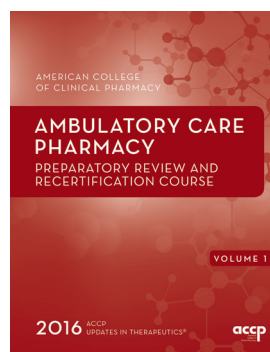
To be eligible for specialty recertification credit, the specialist must attend the live program and successfully complete the web-based posttest for that program by November 30, 2016. More information on both programs and registration details may be found at <http://www.accp.com/meetings/am16/>.

ACCP Now Offers Individual Modules for 2016 Preparatory Review Courses

New for 2016, ACCP has made its premier preparatory review course products available in smaller individual modules. If you are interested in the Ambulatory Care Pharmacy, Critical Care Pharmacy, Pediatric Pharmacy, or Pharmacotherapy preparatory review but cannot purchase an entire course, you can benefit from this new option. Whether you are preparing for an upcoming Board of Pharmacy Specialties certification exam or seeking recertification credit, you can now purchase select course modules starting at the low member rate of only \$85. Order today at www.accp.com/bookstore.

Each module includes the following:

- Relevant workbook chapters
- PDF of presenter slide decks
- Audio recordings of the relevant presentations
- Continuing pharmacy education (CPE) credits for the module



Tailor your resources and save time, eliminate the costs of travel, and get fully prepared by taking advantage of one or more ACCP preparatory review course modules.

To receive CPE credit for any of the modules, you must successfully complete and submit the web-based posttest by October 31, 2017. If you are taking a module for recertification credit, you must submit the posttest by September 1, 2016. Learning objectives, faculty disclosures, technical requirements, and samples of each course are available at www.accp.com/bookstore.

Orders can be placed online now at www.accp.com/bookstore or over the telephone at (913) 492-3311.

Research Institute Investigator Training Programs

Twenty investigator-participants and 12 mentors teamed up for 5 days of intensive investigator development at the University of Michigan College of Pharmacy, June 27 – July 1.

This marked the second offering of the Research Institute's (RI's) Mentored Research Investigator Training (MeRIT) Program. Sixteen participants traveled to Ann Arbor, Michigan, to attend the primer session for this individualized, 2-year longitudinal program, which is designed to mentor participants through the entire research process—from research idea and study design to IRB and funding application to data collection, results presentation, and manuscript submission.

Four Focused Investigator Training (FIT) participants attended the eighth offering of this proven, intensive, hands-on grant refinement experience for pharmacist-investigators pursuing National Institutes of Health funding as a principal investigator.

Assisted by skilled and successful research mentors, attendees concentrated on developing and revising their individual proposals throughout the week. Small-group sessions and individual work time allowed mentees to focus on their individual projects and

immediately address questions and the recommended revisions. The small-group sessions were complemented by tip-rich lectures and discussions, one-on-one mentor and biostatistician appointments, and continual revision and feedback on ideas and proposals.

The 2016 MeRIT primer participants will present posters of their proposed research projects on Tuesday morning, October 25, during the ACCP Annual Meeting in Hollywood, Florida, October 23–26, 2016. Also on Tuesday morning, the MeRIT 2015 participants will present posters of their completed research projects. Please stop by to learn about these projects, pose questions, and offer advice to these aspiring researchers.

You may learn more about the FIT or MeRIT Program during the 2016 Annual Meeting at the RI's Open House on Tuesday morning, October 25, or at any time on the RI website (www.accpri.org).

Watch for the summer 2017 FIT and MeRIT Program application materials on the ACCP RI website, and accelerate your growth as a clinical pharmacy researcher by submitting your letter of intent in February 2017. This type of protected time for proposal development and investigator training with experienced and passionate mentors is unmatched!

2016 FIT Investigator-Participants:

- Nicholas Carris, Pharm.D., B.S.
University of South Florida
- Ronald G. Hall II, Pharm.D., BCPS
Texas Tech University
- Jason H. Karnes, Pharm.D., Ph.D., BCPS
University of Arizona
- Ginah Nightingale, Pharm.D., BCOP
Thomas Jefferson University



2016 FIT Faculty Mentors:

- John D. Cleary, Pharm.D., FCCP
St. Dominic-Jackson Memorial Hospital and University of Mississippi

First Row: Hart, Phan, Bagwell, Bradley, Cooper-DeHoff, Asal, Cleary, Ellingrod, Welker, Obeng, and Scarborough

Second Row: Stringer, Farris, Nightingale, Williams, Aquilante, O'Donnell, Bergman, McCune, Dowling, Steeb, and Smith

Back Row: Adams, Hawkins, Haines, Bzowickyj, Parker, King, Holstad, Carris, Hall, Karnes, and Bishop



- Vicki L. Ellingrod, Pharm.D., FCCP
University of Michigan
- Kelley Kidwell, Ph.D.
University of Michigan
- Robert B. Parker, Pharm.D., FCCP
University of Tennessee

2016 MeRIT Investigator-Participants:

- Jessica L. Adams, Pharm.D.
University of the Sciences
- Nicole J. Asal, Pharm.D.
University of Rhode Island
- Autumn D. Bagwell, Pharm.D., BCPS
Vanderbilt Specialty Pharmacy
- Scott J. Bergman, Pharm.D., BCPS
Southern Illinois University
- Bridget Bradley, Pharm.D., BCPP
Pacific University
- Andrew Bzowickyj, Pharm.D., BCPS, CDE
University of Missouri-Kansas City
- Kimberly Halton Welker, Pharm.D.
Mercy Gilbert Medical Center
- Nancy Borja Hart, Pharm.D., BCPS
University of Tennessee
- Anthony Hawkins, Pharm.D.
University of Georgia
- Philip K. King, Pharm.D., BCPS
SUMMA Health System and Northeast Ohio Medical University
- Aniwaa Obeng, Pharm.D.
Mount Sinai Hospital/Icahn School of Medicine at Mount Sinai
- Paul O'Donnell, Pharm.D., BCPS
Midwestern University - Chicago
- Stephanie Phan, Pharm.D., BCPP
University of Georgia
- Michael A. Smith, Pharm.D., BCPS
University of Michigan
- David R. Steeb, Pharm.D.
University of North Carolina
- Charlene R. Williams, Pharm.D.
University of North Carolina



2016 MeRIT Faculty Mentors:

- Christina Aquilante, Pharm.D.
University of Colorado
- Jeffrey R. Bishop, Pharm.D., M.S., BCPP
University of Minnesota
- Rhonda Cooper-DeHoff, Pharm.D., M.S.
University of Florida
- Thomas C. Dowling, Pharm.D., Ph.D., FCCP
Ferris State University
- Vicki L. Ellingrod, Pharm.D., FCCP
University of Michigan
- Karen Farris, Ph.D.
University of Michigan
- Stuart T. Haines, Pharm.D., BCPS, BCACP
University of Maryland
- Kelley Kidwell, Ph.D.
University of Michigan
- Jeannine S. McCune, Pharm.D., BCOP
University of Washington
- Kathleen A. Stringer, Pharm.D., FCCP
University of Michigan

2016 PRN-Sponsored Tuition Scholarship Recipients:

Ambulatory Care:

- Autumn Bagwell
- Andrew Bzowickyj
- Nicholas Carris

Cardiology:

- Philip King

Critical Care:

- Anthony Hawkins

Education and Training:

- Stephanie Phan

Infectious Diseases:

- Jessica Adams
- Scott Bergman
- Kimberly Halton Welker



Terry L. Seaton, Pharm.D., FCCP, BCPS

Happy New Year!

I know, you are likely wondering whether I have totally lost track of time, am incredibly early, or am miserably tardy. Rather, I am referring to a new year beginning on a different date—July 1. Many ACCP members readily recognize this as the beginning of a brand-new round of professional activities. I thought it would be appropriate to send well wishes to everyone who experiences this important changeover. So I say “Happy New Year” to all clinical pharmacists who are entering a new era in their life! Whether you are transitioning from student pharmacist to PGY1 resident, from PGY1 to PGY2 resident or fellow, or from resident to independent clinical practitioner (including new faculty member, preceptor, clinical coordinator, etc.), I sincerely hope that your upcoming year is your best year ever!

For some, it feels as though there wasn't an adequate respite between the end of the last stretch and the start of the next. Within the past few weeks, you were graduating (congratulations, by the way) or feverishly laboring long hours to wrap up clinical rotations, residency projects, manuscript submissions, or perhaps even some late interviews. You celebrated with parties and banquets. You cleaned up your living spaces and moved—some even across the country—to new domiciles. Most of you sold and purchased major items. Finally, there may have been hugs and tears as you became separated from loved ones—friends and family (and maybe even pets). In what seems like a flash, June and the entire past year were over.

Any new beginning is accompanied by a complex amalgam of competing emotions—joy, loneliness, excitement, apprehension, exploration, and stress. New acquaintances and relationships awkwardly begin and require a tremendous amount of energy to cultivate. Multiple learning curves can be steep and occasionally overwhelming. Orientations range from mundane and monotonous to necessary and empowering. Nothing yet is “routine.” But by now, each day should be getting a little more predictable and comfortable.

Looking ahead, however, there is much to be done during the ensuing year. Without being perceptible on a day-to-day basis, the time will become an inevitable and unprecedented period of personal and professional growth. This year will be transformational. For that reason, you might want to begin journaling so that you will have permanent documentation of your daily successes, challenges, and reflections. Don't take too much time—just a few minutes each day—and I'm confident that you will be rewarded with a fun and valued treasure to which you will likely refer later in life.

I also encourage you to embrace the never-ending opportunities to develop critical time-management skills. Regardless of your position during the coming year, you are going to assume many different roles and responsibilities. Despite having to multitask at a significant level in the past, the months ahead will likely be jam-packed with activities, deadlines, and deliverables. Ask for assistance early and often! Take advantage of the support system available to you. Everyone truly wants you to succeed. Planning ahead and keeping up will absolutely be beneficial in countless ways. Maintaining balance will be key to optimizing your quality of life during such a busy time.

Now is the best time to explore all of the ways that ACCP can serve your needs during the upcoming year. For new residents and fellows, consider accessing a mentor through ACCP—visit <http://www.accp.com/resfel/mentor.aspx> for more information. There are many ways to get involved in ACCP, so please check them out on our website. If at all possible, plan to attend the ACCP Annual Meeting in Hollywood, Florida, in late October. The programming at that meeting will be exceptional. Note also that ACCP has numerous volunteer activities available (see this year's volunteer survey, which will remain open until July 21: <http://www.accp.com/survey/?i=2841>).

Well, I am certain that everyone is busy, so I will conclude this column and let you get back to more important work. I am also convinced that the next year will fly by at warp speed. Before you know it, the next July 1 will be upon us, and it will be time for another new and exciting live experience. Best wishes and have fun!

Terminology Is Important

Daniel Aistrophe, Pharm.D., BCACP
Director, Clinical Practice Advancement

What's in a name? That which we call a rose

By any other name would smell as sweet.

(Shakespeare, "[Romeo and Juliet](#)")

Shakespeare was right to call attention to how words can sometimes create a meaningless convention. If I choose to call a rose a turnip, it doesn't change the sweet smell of the rose. However, if my significant other knows what a turnip is and I tell her that I've ordered a dozen turnips for delivery, confusion will likely ensue. Indeed, in "Romeo and Juliet," the Montagues, while of the same name, were not all alike. Similarly, some of the terms used by the pharmacy profession to describe pharmacists' patient care activities are often misused.

Clarity of language—including proper use of terminology and accurate definitions—is critically important in professional settings, particularly health care. Unfortunately, however, this precision is not always fully appreciated and applied. In a recent blog post on this issue, Katherine Capps, president of Health2 Resources, states: "Words, and the way we use them, matter. How we label things matters."¹

This unintentional confusion seems to be related to three factors:

1. the many terms and acronyms used in health care, even within the profession of pharmacy;
2. the similarity (and overlap) in the definitions of some terms (e.g., *pharmaceutical care*, *medication optimization*, *medication therapy management* [MTM]); and
3. the many definitions for single terms either because (a) the term has two different meanings or (b) its definition has evolved or been changed. In the first instance—a term with two different meanings—consider *service* as a branch of a hospital medical staff devoted to a particular specialty (e.g., an endocrinology service) versus *service* as a procedure performed on a patient for diagnosing, preventing, or treating a disease (e.g., chronic care management services or immunization services). In the second instance—the definition has evolved or been changed—consider *MTM* as originally defined and accepted across the profession versus *MTM* as defined by the Centers for Medicare & Medicaid Services (CMS) for the Part D program.

A recent column by University of Illinois Dean Jerry Bauman addressing this confusion calls for the harmonization of terms within the pharmacy profession. Not only does this conundrum apply internally, but, as Bauman explains, its ramifications extend beyond conversations in pharmacy: "Just imagine how confusing it would be if you were not in the [pharmacy] profession. How do physicians and payers interpret our various names, acronyms, and subtleties?"²

As a profession and as individuals, we must be more deliberate and specific about the accuracy of terminology—not only when we use the terms, but also as we develop policies, public information, and advocacy materials that seek to influence practice and payment model reform at both the state and the federal level.

Furthermore, we must carefully apply this thinking to our behavior as clinicians to provide the utmost clarity as we describe who we are, what types of care we are providing to patients, the structure and/or setting of the practice, and the types of outcomes we are trying to achieve. For example, we might say, "I'm the clinical pharmacist working as a member of the inpatient care team to provide comprehensive medication management (CMM) that optimizes therapeutic outcomes."

In part to address the call for "harmonization of terms within our profession and clarity in messaging to those stakeholders outside the profession,"² ACCP is developing resources designed to foster more consistency and clarity within the professional lexicon. For example, important differences exist in *MTM* as defined by the pharmacy profession by consensus in 2005, *MTM* as defined by CMS for the Part D program, and *CMM* as currently promoted and defined by the Patient-Centered Primary Care Collaborative. The profession's habit of using *MTM* as a broad (even harmonious) and possibly synonymous term for these three different services impedes effective communication with many of our constituencies—and even within the pharmacy profession. Although it is appropriate to seek harmonization, our goal should be clear and specific descriptions of our practices, services, and professional activities, rather than imprecise or "shorthand" definitions.

Advancing clinical pharmacy in the evolving landscape of health care transformation must involve "getting the terminology right" in order to "get the medications right."

1. Capps KH. Get the Medications—and the Name—Right: Comprehensive Medication Management. Available at www.health2resources.com/blogs-and-interviews.html. Accessed July 11, 2016.
2. Bauman JL. Harmonization of terms for clinical pharmacy: if it walks like a duck.... Pharmacist 2016;38:2.

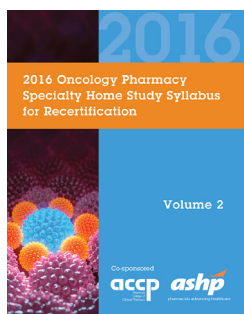
New Pharmacotherapy App for Android

In addition to the existing iPad/iPhone app, the editors of *Pharmacotherapy* are happy to announce a new app for Android devices! The app will allow you to enjoy a new level of personalized browsing and reading experience through:

- Convenient access to articles anytime, anywhere
- Immediate access to new content
- Selected keywords for tailored content alerts
- Downloadable issues to read offline and the ability to share important articles
- An enhanced search across all downloaded content

[Download your free app for your Android or iPad/iPhone today!](#)

Volume 2 of *Oncology Pharmacy Home Study Syllabus for Recertification* Available This Month



Ready to earn Board Certified Oncology Pharmacist (BCOP) recertification credit? If so, purchase volume 2 of the *Oncology Pharmacy Home Study Syllabus for Recertification*. Available for 10.5 contact hours and approved for BCOP recertification credit by the Board of Pharmacy Specialties, the home study syllabus is offered in two volumes

(volume 1 was released in February 2016) that focus on advances across the four domains of oncology specialty practice. Each volume is a collection of current journal articles from the primary oncology literature. Every article includes learning objectives, and each volume has two web-based posttests covering the full series of articles. Articles will be made available either in print or through electronic access, depending on availability from the copyright holder.

The second volume will be released July 31, 2016. Topics in volume 2 will include:

- Adult sarcomas
- Breast cancer
- Colon cancer
- GI cancers
- Gynecologic malignancies
- Hodgkin and non-Hodgkin lymphoma
- Lung cancer

- Multiple myeloma and myelodysplastic syndromes
- Pediatric malignancies

To learn more about volume 2 of the *Oncology Pharmacy Home Study Syllabus for Recertification*, visit <http://www.accp.com/bookstore/opc16hssr.aspx>.

Secure Your Spot in the Residency and Fellowship Forum at the 2016 ACCP Annual Meeting

ACCP will offer the Residency and Fellowship Forum on Sunday, October 23, during the 2016 ACCP Annual Meeting in Hollywood, Florida. ACCP's Residency and Fellowship Forum connects preceptors and program directors with prospective candidates seeking 2017–2018 residency and fellowship positions. Preceptors and program directors interested in participating must register to attend the 2016 ACCP Annual Meeting, post at least one of their available positions online, and submit a \$75 non-refundable fee. This year, the Residency and Fellowship Forum will be offered in two 90-minute time slots: 8:00–9:30 a.m. and 10:00–11:30 a.m.

The forum provides preceptors and program directors with easy access to some of clinical pharmacy's most promising candidates. Set in an informal, even-paced atmosphere, the forum's format is designed to provide program representatives with an early opportunity to sit with candidates for one-on-one interviews and make valuable connections with top candidates. ACCP's online database of applicants will give representatives of registered programs the ability to view candidate profiles, download CVs, and contact potential applicants before attending the 2016 ACCP Annual Meeting. Program representatives can reserve a table in the forum by submitting their available positions by **September 16**, or before all tables are filled. Visit www.accp.com/forum16 today to reserve your spot.

Residency and fellowship candidates can get a head start on identifying their next position by posting an application before the forum and meeting face-to-face with the preceptors and directors of the programs they are interested in. Registered applicants will receive access to online program listings before the meeting, which will include all of the available fellowships and PGY1 and PGY2 residency positions. Applicants interested in participating must post their applicant profile online, upload a CV (optional), and register for the 2016 ACCP Annual Meeting. To start your search early, obtain more information, and register, visit www.accp.com/forum16 today.

Enroll in Teaching and Learning Certificate Program to Advance the Profession of Clinical Pharmacy Education



The Teaching and Learning Certificate Program was developed to assist in recruiting, motivating, and preparing clinical educators who can inspire students to advance the profession of pharmacy. Unique in many ways, the Teaching and Learning Certificate Program offers live, interactive workshops presented by nationally known faculty and preceptors; focuses on clinical education in both didactic and experiential settings; and provides a systematic/foundational core of educational principles and practices.

The Teaching and Learning Certificate Program curriculum includes 16.0 hours of required modules, 4.0 hours of online core programming (offered as four 1-hour webinars), and 8.0 hours of elective programming. Live webinars are offered between the ACCP Annual Meeting and ACCP's Updates in Therapeutics® (November – February). Core modules consist of the following:

- Prerequisite Module: Teaching and Learning Primer (4 hours)
Delivered at the ACCP Annual Meeting
- Module No. 1: Planning for Effective Teaching (4 hours)
Delivered at the ACCP Annual Meeting
- Module No. 2: Implementing Teaching and Learning Strategies (4 hours)
Delivered at ACCP's Updates in Therapeutics®
- Module No. 3: Assessing Student Learning (4 hours)
Delivered at ACCP's Updates in Therapeutics®
- On-Demand Webinars on Core Teaching and Learning Principles (4 hours)
Delivered online between the ACCP Annual Meeting and ACCP's Updates in Therapeutics® (November – February)

For complete information on each module's learning objectives, preassignments, portfolio activities, and mentoring requirements, please [click here](#).

Mark Your Calendar for Updates in Therapeutics® 2017, February 17–19, 2017, Jacksonville, Florida

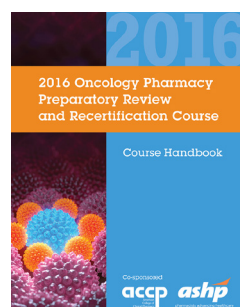


Mark your calendar to attend the popular Ambulatory Care Pharmacy, Pediatric Pharmacy, or Pharmacotherapy Preparatory Review and Recertification Course at Updates in Therapeutics® 2017. Each course is designed to help you prepare for the relevant Board of Pharmacy Specialties (BPS) pharmacy specialty certification examinations to be offered in the spring or fall of 2017. Even if you are not planning to sit for the BPS examination, you may still wish to assess your knowledge and skills in a specialty area by taking advantage of one of these advanced specialty programs. Each course provides an excellent review for ambulatory care, pediatric, and pharmacotherapy practitioners seeking to remain current in all aspects of their practice area. Registration opens October 2016.

All three courses will take place at the Hyatt Regency Jacksonville Riverfront hotel in Jacksonville, Florida, February 17–19, 2017.

Watch the ACCP website, <http://www.accp.com>, for complete meeting details.

ACCP/ASHP 2016 Oncology Course Materials Now Available



Instructional materials are now available for the 2016 edition of the Oncology Pharmacy Preparatory Review and Recertification Course for home study, cosponsored by ACCP and the American Society of Health-System Pharmacists.

This course is designed to assist oncology pharmacy practitioners who are preparing for the Oncology Specialty Certification examination administered by the Board of Pharmacy Specialties (BPS) and oncology pharmacists who are seeking to remain current in all aspects of their

practice. The course content provides a comprehensive review of the domains and knowledge areas encompassed by the oncology pharmacy specialty.

The course has also been approved by BPS for recertification for Board Certified Oncology Pharmacists (BCOPs). BCOPs wishing to earn recertification credit for the 2016 Oncology Pharmacy Preparatory Review and Recertification Course must purchase access to one of the course formats available for BCOP recertification credit and successfully complete and submit the posttest by November 30, 2016. The course must be taken in its entirety to earn recertification credit. Partial credit is not available.

The full course is available in a variety of formats. All formats offer up to 27.0 hours of continuing pharmacy education credit upon successful completion of the online posttests. Instructional components are also priced for individual sale. To obtain full information on the home study version of the course and place an order, visit the ACCP website at <http://www.accp.com/bookstore/opc16.aspx>, or order by telephone at (913) 492-3311 or fax at (913) 492-0088.

Test-drive New PedSAP Learning Features

The new learning formats developed for ACCP's Pediatric Self-Assessment Program (PedSAP) are now available as samples on the [series home page](#).

This new series offers recertification credit for the Board Certified Pediatric Pharmacy Specialist (BCPPS). *Immunology*, the inaugural PedSAP release, carries an available 9.0 hours of BCPPS recertification credit. The content and formats were developed under the leadership of Series Editors Marcia L. Buck, Pharm.D., FCCP, FPPAG, BCPPS; and Kalen B. Manasco, Pharm.D., BCPS.



Marcia L. Buck



Kalen B. Manasco

The available learning formats—and the links to try them out—are as follows:

- **Review Chapters:** As with ACCP's other self-assessment programs for board specialty recertification, the latest evidence-based information is summarized to improve clinical skills and patient outcomes.
- **Interactive Case:** A patient scenario is presented through a series of sample questions; each answer submission leads to a new webpage with detailed, referenced feedback on the optimal treatment of the case patient.

- **Recorded Webcast:** A pair of presenters (in this example, a study author and a clinician) narrate a PowerPoint presentation exploring a recently published article or guideline.

For specific PedSAP release dates, available CPE credit, and program numbers for each book, or to place your online order, visit the [ACCP Online Bookstore](#).

Attention Students and Trainees: Apply Online Now for 2016 ACCP Annual Meeting Travel Awards

Have you thought about attending an ACCP meeting, but have limited financial resources available to cover your travel and registration costs? ACCP and its members want to help!

ACCP Student Travel Awards and Resident/Fellow Travel Awards enable students and postgraduate trainees to attend ACCP meetings by awarding travel stipends and complimentary meeting registrations. Apply online now for an award to attend the ACCP Annual Meeting in Hollywood, Florida, October 23–26, 2016.

How to Apply

Students: Student members of ACCP who are full-time pharmacy students pursuing their first professional pharmacy degree are invited to apply for an award. Applicants are asked to submit a completed application that includes a CV or resume, two letters of reference, and an essay of no more than 500 words detailing the applicant's objectives for attending an ACCP meeting. All application materials should be submitted online at <http://www.accp.com/stunet/award.aspx>. **The application deadline is August 29, 2016.**

Residents/Fellows: To qualify, applicants must be current members of ACCP who are enrolled in a residency or fellowship/full-time graduate studies program at the time of the meeting. Applicants must submit a CV, an essay of no more than 250 words detailing the applicant's objectives for attending an ACCP meeting, and a personal reference from the residency or fellowship program director or his or her designee. All application materials should be submitted online at <http://www.accp.com/membership/resfelAward.aspx>. **The application deadline is August 29, 2016.**

For more information on ACCP travel awards, contact Jon Poynter, ACCP Senior Membership Project Manager, at jpoynter@accp.com or (913) 492-3311, ext. 121.

ACCP Member Spotlight: Sonak Pastakia



Sonak Pastakia

Sonak Pastakia, Pharm.D., MPH, BCPS, is an associate professor of pharmacy practice at Purdue University College of Pharmacy, an adjunct assistant professor at Indiana University School of Medicine, and a visiting lecturer at Moi University School of Medicine in Eldoret, Kenya. He practices as a full-time public health pharmacist based in Eldoret. Pastakia completed his Pharm.D. degree at Temple University School of Pharmacy and both a PGY1 and a PGY2 residency in HIV/infectious diseases at the University of North Carolina Hospitals. In addition, he earned an MPH degree at Harvard University School of Public Health and is on track to complete a Ph.D. degree with a focus on health economics at the University of Warwick in Coventry, UK, by the end of 2016.

In his current position as a public health pharmacist in Eldoret, Pastakia focuses his efforts on addressing the needs of underserved populations residing throughout rural western Kenya. He works with Academic Model Providing Access to Healthcare (AMPATH)—one of the largest HIV treatment programs in sub-Saharan Africa, with over 150,000 ever-enrolled patients with HIV receiving care at over 500 facilities. Pastakia serves in several capacities, including as co-chair of the pharmacy working group, collaborator with the chronic disease management program (focused on diabetes and hypertension), principal investigator on a nationwide counterfeit detection program, principal investigator on the largest gestational diabetes study in a low- and middle-income country setting, and board member for a street youth drop-in center. Through his participation in the AMPATH program, he has helped AMPATH transition from an HIV-focused program to a comprehensive program focused on the many health and societal issues faced by rural, resource-constrained patients in western Kenya. In addition to his work in Kenya, he develops novel models of care delivery in India to increase access to underserved rural populations.

Pastakia is passionate about his work and devotes much time to community service in Kenya, including helping to implement several unique models that incorporate high-priority services like microfinance and agricultural support into a portable group-based health care delivery model. This model, Bridging Income Generation with Group Integrated Care (BIGPIC), has improved health and economic outcomes in the recently

completed pilots. Moreover, he has played a role in implementing a novel approach to addressing the needs of street youths in western Kenya. Street youths are immersed within a practical educational model (a living laboratory) that teaches about the latest agriculture, energy, and engineering technologies to help them prepare for the jobs of tomorrow and successful reintegration back into the community. This educational model includes the use of remote-controlled drones to streamline farming activities, fabrication of utility vehicles for rural terrains, and creation of a permaculture farm to enrich the soil for future farming efforts.

When discussing what has most influenced his career, Pastakia states:

One of the things that I have marveled at throughout my career is the immense resilience of underserved populations. When these populations are forced to thrive in situations where nothing is easy or given, they consistently demonstrate a resourcefulness, for which I've developed an immense appreciation.

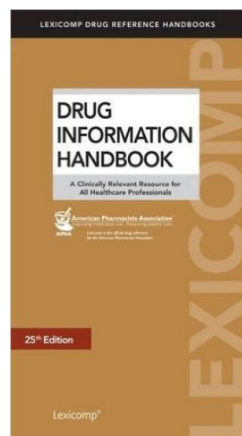
Pastakia goes on to state that his career has also been influenced by his desire to ease the burden these populations face so that they can redirect their resourcefulness toward other community-enriching activities. Addressing health needs is of vital importance, but Pastakia challenges us to think broader than this—programs that solely focus on the traditional elements of health care have a tendency to come up short if they don't simultaneously address the basic needs for food and income security. He feels strongly that this “bigger-picture view” spans far beyond the traditional practice of clinical pharmacy and has largely influenced the trajectory of his career. Similarly, Pastakia offers this advice to trainees:

Try to rethink health care around the constraints that the populations we are trying to serve face, rather than continuing to build health care services around the interests of the providers delivering care. Instead of treating the small proportion of the population that is able to visit stationary facilities, we must figure out better ways to engage entire populations to maximize the clinical outcomes we desire.

Pastakia describes these simple realizations as the primary guiding principles for the many impactful programs he has helped develop in western Kenya and notes that these skills of adaptability will be crucial in a world with ever-growing limitations in resources.

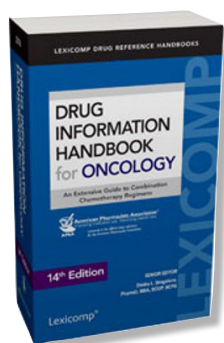
New Editions in the ACCP Bookstore

The ACCP Bookstore recently added new editions of old favorites, featuring discounted prices for members. Check out these publications and more at www.accp.com/bookstore. If you know of a publication you'd like to see in the ACCP Bookstore, contact us at accp@accp.com.



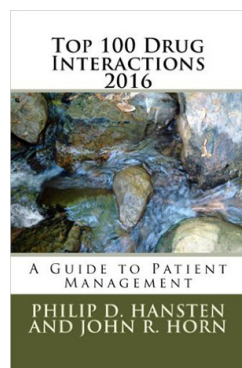
Drug Information Handbook, 25th Edition:

The *Drug Information Handbook* is trusted by a wide variety of health care professionals to deliver timely, clinically relevant pharmacotherapy knowledge.



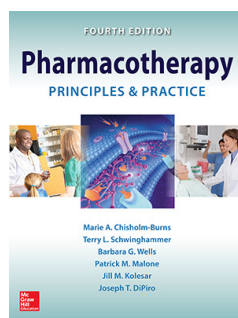
Drug Information Handbook for Oncology, 14th Edition:

The *Drug Information Handbook for Oncology* supports the needs of oncology professionals involved in prescribing, preparing, and administering therapy.



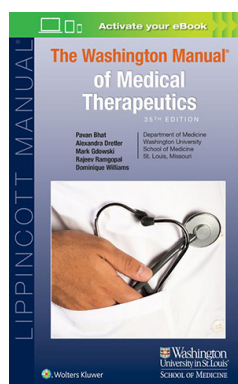
Top 100 Drug Interactions, 2016 Edition:

This is the 17th yearly edition of the *Top 100 Drug Interactions*, with more than 300,000 copies in print since the first edition was published in 2000. In this book, the authors identify drug interactions that should not be ignored in clinical practice.



Pharmacotherapy Principles & Practice, Fourth Edition:

Pharmacotherapy Principles & Practice, Fourth Edition, uses a solid evidence-based approach to teach you how to design, implement, monitor, and evaluate medication therapy.



The Washington Manual® of Medical Therapeutics, 35th Edition:

Concise and user-friendly, *The Washington Manual® of Medical Therapeutics, 35th Edition*, focuses on the essential information you need to know for successful patient care.

New Members

Mohamed Aboemeara
Marisa Abrahim
Christi Albert
Ahmed Alenazi
Andre Allen
Nora Almutairi
Candace Anderson
Keith Anderson
Olusola Apena
Varduhi Arabyan
Katherine Artman
Kevin Astle
Julia Balazh
Christine Balz
Michael Barrese
Roel Basaldua
Jill Bechaz
Stephanie Berrong
Jessica Boss
Judith Bowden
Caitlin Brant
Emily Brown
Jaclyn Brucker
Emily Brysch
Ginger Burton

Lance Calhoon
Patricia Caputo
Melissa Carrillo
Jason Chan
Ajay Chari
Helen Cheung
Stacey Chia
Brandon Chiu
Katie Chizmadia
Lena Chou
Natalie Codianne
Farzad Daneshvar
Mariam Dari
Moses Demehin
Sheetal Dharja
Julie Dibridge
Naomi Digiantonio
Kevin Do
Trang Doan
Gwen Egloff
Siona Emerson
Temitope Epoyun
Kaitlin Ewert
Alexandra Farias
Shannon Fitzgerald

Alexandra Fleming
 Sirleaf Flomo
 Neal Fox
 William Freiberg
 Arsany Gadallah
 Elizabeth Gallimore
 Paige Garber
 Ryan Gibbard
 Elizabeth Gill
 Shelley Glaess
 Emma Gorman
 Kimberly Grant
 Courtney Guinn
 Wenting Guo
 Nicole Hahn
 Solmaz Hassani
 Cara Hay
 Vata Hernandez
 Van Hilburn
 Alyssa Hinchman
 Joe Hong
 Chelsea Hudak
 Al Imran
 Zachary Inge
 Sarah Issa
 Nadine Jaber
 Gabrielle Jacknin
 Julie Jacob
 Kara Jensen
 Christine Ji
 Joseph Johnson
 Jackie Johnston
 Aubrey Jones
 Anees Kanorwala
 Yousef Kassem
 Janna Kaufman
 James Keeler
 Alayna Kehr
 Gregory Kelly
 Emiliya Khazan
 James Kidd
 Diane Kobasic
 Lauren Kormelink
 Lisa Krohn
 Wesley Kufel
 Kayte Kurth
 Mary Kuzel
 Jamie Kwok
 Phuong Le
 Jack Lemley
 Dallas Lendrum
 Temeka Lewis
 Kenric Li

Linda Lim
 Ying Long
 Sara Lout
 Hani Makhoul
 Janelle Maland
 Jody Mallicoat
 Ereka Manangan
 Julie Mandel
 Olivia Marchionda
 Erin Massarello
 Scott May
 Cara Mccalley
 Kendra Mcclamroch
 Christi Mccoy
 Anthony Medaglia
 Cynthia Meyers
 Lindsey Minnick
 Parissa Mitchell
 Marlon Montoya
 Aaron Myford
 Sara Nebbia
 Amanda Needham
 Raymond Ngo
 Thao Nguyen
 Wendy Uyen Nguyen
 Kirk Nielsen
 Lydia Noh
 Eric Ocheretyaner
 Kelsey Pamer
 Dipale Patel
 Anthony Pazanese
 Donna Phan
 Long Phan
 Stephanie Phan
 Manuela Pop
 Rachael Przyborowski
 Daniel Przybylski
 Hugh Quinn
 Bhakti Raha
 Gregory Redding
 Matthew Risko
 Katherine Roberts
 Sarah Mae Rogado
 Katherine Rotzenberg
 Diandra Blanche Ruidera
 Dhakrit Rungkitwattanukul
 Rani Saadallah
 Adam Sahyouni
 Paul Saia
 Holly Schmidlin
 Trevor Schmidt
 Danelle Schulta
 Timothy Schulta

Tapankumar Shah
 Rachel Sharpton
 Sara Shearin
 Paul Sherry
 Cassandra Shields
 Alexander Shilman
 Matthew Smith
 Whitney Smith
 Steven Sparkes
 Brittany Spiller
 Catherine Storms
 Micheal Strein
 Donald Sublett
 Ran Tao
 Stephanie Tesseneer
 Kaci Thiessen
 Sharmia Thomas-Powell
 Krisy Thornby
 Micah Tompkins

Loren Trager
 Amanuel Tseggai
 Cynthia Valle-Oseguera
 Harmik Vartanians
 Jessica Vigneau
 Mai Vuong
 Zachary Wallace
 Ryan Warren
 Rachel Wilhelm
 Jessica Williams
 Krista Williams
 Shelly Williams
 Whitney Williams
 Charles Wingerson
 Lauren Wolfe
 Jaclyn Yodice
 Simon Young
 Mohammed Zakaria
 Silu Zuo

The following members recently advanced from Associate to Full Member:

Tracy Carter	Lucy Liu
Sara DeJong	Laura Lourenco
R. Christopher Durigan	Soonali Maniar
Ola Elnadoury	Garret Newkirk
Farnaz Foolad	Long Pham
Madhavi Gavini	Leonel Ramirez
Brittany Good	Harshal Shukla
Carrie Griffiths	Andrea Sikora
Kara Herlihy	Ryan Titus
Melissa Herschman	Thuytram Tran
Gloria Huh	Gregory Trietley
Jason Jared	Jamie Wagner
Jamie Koerner	Courtney Watts
Robert Lacharite	Amy West
Spencer Lee	Benjamin Witt
Maryjoy Lepak	Christy Yost

Member Recruiters:

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

Holly Byrnes	Andrea Jarzyniecki
Christine Cadiz	Emily Laswell
Erica Davidson	Sarah Lynch
Jillian Descourouez	Erin Massarello
Jodi Dreiling	Rebecca Maxson
Chris Droege	Carolyn Ruto
Adinoyi Garba	Timothy Schulta
Mojdeh Heavner	Krista Wahby
Anne Hume	Chanie Wassner