

Fish, Kashuba, Rodgers, and Tisdale to Receive ACCP Honors

Douglas N. Fish, Angela D.M. Kashuba, Jo Ellen Rodgers, and James E. Tisdale have been selected by the College's Awards Committee to receive the association's prestigious 2017 Education Award, Therapeutic Frontiers Lecture Award, Clinical Practice Award, and Russell R. Miller Award, respectively. The awards will be presented in Phoenix on Sunday morning, October 8, during the Awards and Recognition Ceremony of the College's 2017 Annual Meeting.



The Education Award recognizes an ACCP member who has made substantial and outstanding contributions to clinical pharmacy education at either the professional or the postgraduate level. Douglas N. Fish, Pharm.D., FCCP, FCCM, BCPS-AQ ID, is a professor and chair of the Department of Clinical Pharmacy at the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences in Aurora, Colorado. In addition, he serves as a clinical specialist in critical care/infectious diseases at the University of Colorado Hospital on the Anschutz Medical Campus. The ACCP Awards Committee noted Fish's many accomplishments as an educator in both the professional degree program and postgraduate settings. Dr. Robert MacLaren, professor of clinical pharmacy at the University of Colorado, wrote in his letter of nomination:

Dr. Fish is well respected by faculty peers, postgraduate trainees, and students for his extraordinary teaching skills. This is evident by the fact that he has received either the President's Award for Excellence in Teaching or the Chancellor's Award for Excellence in Teaching from the University of Colorado at least eight times, including six consecutive years between 2008 and 2013, in recognition of exceptional teaching and mentorship in and out of the classroom.... He provides learning environments where trainees are challenged to think independently while comforted

by the safety of his professional guidance and practical experiences. Dr. Fish is a champion of multiprofessional education and is committed to offering students and trainees a wide variety of rewarding skill-based experiences. His commitment to teaching is unprecedented as he teaches over 100 contact hours annually across all pharmacy classes in a breadth of topic areas that include infectious diseases and antimicrobials, critical care, and pharmacokinetics; coordinates two to three courses annually; teaches in the Pharmaceutical Outcomes Graduate Program; mentors seminar students; mentors research students in the Honors Program; serves as a faculty advisor for student organizations; and co-directs and/or co-coordinates the specialty residencies in Infectious Diseases (since 2001) and Critical Care (since 1996), and the fellowship program in Critical Care.

At the time of his nomination, Fish had published more than 70 peer-reviewed research papers, written or cowritten 40 book chapters, and presented his research regularly at professional and scientific meetings throughout the world. He has provided extensive professional service, including as president of the Society of Infectious Diseases Pharmacists, chair of the ACCP Critical Care PRN, chair of the ACCP Nominations Committee, member or chair of numerous committees of the Society of Critical Care Medicine, and member of several journal editorial boards. He was elected as a fellow of the American College of Critical Care Medicine in 2000 and as an ACCP Fellow in 2006.



The ACCP Therapeutic Frontiers Lecture Award recognizes an individual, including ACCP member and nonmember nominees, who has made outstanding contributions to pharmacotherapeutics in his or her field. Among the criteria for this award is the broad acknowledgment that the recipient is currently considered at the leading edge of research in the field. Angela D.M. Kashuba, Pharm.D., DABCP, is the John A. and Deborah S. McNeill

Jr. Distinguished Professor in the Eshelman School of Pharmacy at the University of North Carolina at Chapel Hill (UNC). She is chair of the Division of Pharmacotherapy and Experimental Therapeutics in the Eshelman School of Pharmacy and director of the UNC Center for AIDS Research Clinical Pharmacology and Analytical Chemistry Core. She is also an adjunct professor of medicine in the Division of Infectious Diseases in the UNC School of Medicine. She has distinguished herself as a nationally and internationally recognized researcher who oversees a multidisciplinary and translational research program focused on optimizing antiretroviral pharmacology in HIV treatment, prevention, and cure. Kashuba is recognized for her research assessing the influence of antiretroviral pharmacology in mucosal tissue on HIV transmission and the pharmacokinetics of antiretrovirals in nursing mothers and infants. Many of the advances in this field can be attributed to her achievements. Dr. Kim Brouwer, William R. Kenan Jr. Distinguished Professor and associate dean for research and graduate education in the UNC Eshelman School of Pharmacy, wrote in her letter of support:

Dr. Kashuba's research accomplishments are impressive. During the past 18 years as a faculty member at the University of North Carolina at Chapel Hill Eshelman School of Pharmacy, she has published more than 195 peer-reviewed manuscripts, 176 scientific abstracts, and 17 book chapters.... Furthermore, she has multiple publications receiving recognition from Faculty of 1000 (top 2% of published articles in biology and medicine) and she has received the American Medical Writers Association Award.... She also received the 2009 Leon I. Goldberg Young Investigator Award from the American Society of Clinical Pharmacology and Therapeutics, and the UNC Department of Infectious Disease Pam Herriot Award for Outstanding Service. To support her work in antiretroviral pharmacology in mucosal tissue, Dr. Kashuba has received multiple grant awards as principal investigator from the National Institute of Allergy and Infectious Diseases, the National Institute of Child Health and Human Development, and the Fred Hutchinson Cancer Research Center.... She has mentored more than 50 undergraduate and professional students, in addition to doctoral and postdoctoral clinical and research trainees. Her significant contributions in this capacity are reflected by the numerous fellowships and awards that her trainees have received. Her involvement in the training of international visiting scientists is particularly noteworthy.... Dr. Kashuba has served as an ad hoc reviewer for NIH study sections as well as a member of various NIH planning/working groups and

advisory committees, has chaired many international HIV workshops, and is involved actively in numerous professional organizations.

At the time of her nomination, Kashuba had delivered more than 155 invited presentations, including at national conferences, the U.S. Food and Drug Administration, and the National Institutes of Health (NIH). She has also published her work in some of the most highly regarded journals in the field, serving as a coauthor on papers in *Annals of Internal Medicine* and *Lancet* and as primary or senior author on manuscripts in *AIDS*, *Journal of Infectious Diseases*, *Antiretroviral Therapy*, *Clinical Pharmacology & Therapeutics*, *Antimicrobial Agents and Chemotherapy*, *Clinical Pharmacokinetics*, and *Drug Metabolism and Disposition*, among others. Kashuba also serves as an active reviewer for numerous journals, including *Nature*, *Lancet*, *Journal of Infectious Diseases*, *Clinical Pharmacology & Therapeutics*, *Antimicrobial Agents and Chemotherapy*, and *Clinical Infectious Diseases*. The Society of Infectious Diseases Pharmacists recognized her as Young Investigator of the Year in 2001. She is board certified by the American Board of Clinical Pharmacology and serves as a member of the Advisory Committee on Research on Women's Health for the NIH Office of Research on Women's Health. Kashuba's Therapeutic Frontiers Lecture, titled "The Evolution of Precision Medicine in HIV Infection," will be delivered at the ACCP Awards and Recognition Ceremony at 10:20 a.m. on Sunday, October 8, in Phoenix.



The ACCP Clinical Practice Award is given to a College member who has made substantial and outstanding contributions to clinical pharmacy practice. The criteria considered in identifying potential candidates include exceptional leadership in developing innovative clinical pharmacy services and sustained excellence in providing them. Jo Ellen Rodgers, Pharm.D., FCCP, FHSA, BCPS-AQ Cardiology, is a clinical associate professor at the University of North Carolina at Chapel Hill (UNC) Eshelman School of Pharmacy. She currently serves as an associate director of clinical fellowship programs and maintains an active clinical practice with UNC Health Care. She cares for patients at the UNC heart and vascular center in both the heart failure and cardio-oncology clinics. In addition, she provides periodic coverage for the inpatient cardiomyopathy and cardiac transplant service. Dr. Shannon Finks, professor of clinical pharmacy at the University of Tennessee College of Pharmacy, highlighted many of Rodgers's accomplishments in her letter of nomination:

For the past 14 years, Dr. Rodgers has maintained a clinical practice with the Cardiomyopathy and Cardiac Transplantation service at the University of North Carolina (UNC).... I have seen the impact that her clinical practice and field expertise have offered our national cardiology peers.... On behalf of UNC Health Care and Carolinas Center for Medical Excellence, she and a physician colleague served as coeditors for the first edition of a patient education kit for heart failure patients, "Learning to Live with Heart Failure." This kit received several national awards including the Platinum MarCom Award, the National Health Information Merit Award, and the Hermes Platinum Award in Integrative Marketing Materials. She has updated the patient education booklet several times and just published the fourth edition.... She has been invited to provide over 100 continuing education programs reaching pharmacists, physicians, and other health care professionals locally, nationally, and internationally. Many of these programs have focused on the application of evidence-based medicine in the management of cardiovascular diseases, primarily chronic and acute decompensated heart failure.

Dr. Patricia Chang, director of the heart failure and transplant program at UNC, added in her letter of support:

In the care of patients, Jo Ellen is remarkably thoughtful and comprehensive, with the perfect balance of assertiveness and humility. Patients truly appreciate and benefit from the time she spends with them. One patient remains so thankful that he continues to bake her cakes on an annual basis when he visits me in my transplant clinic, years after she was last clinically involved with his care. She has been a formidable advocate of patient education, having led several patient education initiatives.... Dr. Rodgers teaches not only the patients and the various trainees (pharmacy, medical, nursing), but also her non-pharmacy faculty colleagues like me. Her knowledge of the current state of the art is extensive. She has become well recognized across the country as she has been asked to participate in many important committees of national professional societies.... She has been an invited speaker at the American Heart Association Scientific Sessions and Heart Failure Society of America and she serves on the guidelines committee of the Heart Failure Society of America. In the last year, she received recognition as a fellow of both these organizations.

At the time of her nomination, Rodgers had written or cowritten more than 45 peer-reviewed papers and 18 book chapters. She serves as peer reviewer for

American Journal of Cardiology, American Journal of Cardiovascular Drugs, Annals of Pharmacotherapy, Chest, Heart & Lung, Journal of Cardiac Failure, and Pharmacotherapy. She has been a highly engaged leader within ACCP, serving as a member of numerous committees, as chair of the Cardiology PRN, and as a member of the ACCP Board of Regents. Rodgers, a past chair of the Board of Pharmacy Specialties Specialty Council, has received numerous professional awards and honors and was recognized as an ACCP Fellow in 2009.



Russell R. Miller was the founding editor of the College's journal, *Pharmacotherapy*. The Russell R. Miller Award is presented in recognition of substantial contributions to the literature of clinical pharmacy, thereby advancing both clinical pharmacy practice and rational pharmacotherapy.

James E. Tisdale, Pharm.D., FCCP, FAPhA, FNAP, FAHA, BCPS, is a professor in the college of pharmacy at Purdue University and an adjunct professor in the school of medicine at Indiana University in Indianapolis, Indiana. At the time of his nomination, Tisdale had published 100 peer-reviewed manuscripts, serving as first author on more than 50 of them. He has also published more than 60 abstracts, 21 book chapters, and 3 books. Dr. Jo Ellen Rodgers noted Tisdale's important contributions to the literature in her letter of nomination:

Dr. Tisdale has made substantial contributions to the literature in the form of both a single, noteworthy contribution as well as sustained contributions over time in the field of cardiovascular pharmacotherapy with an emphasis on the prevention and optimal management of arrhythmias. Given his successful translational research program and substantial impact on the arrhythmia literature, he is recognized as a national and international expert by colleagues in pharmacy and medicine.... His primary focus has involved mechanisms, risk factors, and management of drug-induced arrhythmias, and drug therapy for prevention and treatment of atrial fibrillation.... The translational approach of Dr. Tisdale's research exemplifies a model that successfully bridges scientific knowledge gained at the benchtop and bedside clinical practice. It has ranged from animal experiments to clinical investigations in normal, healthy volunteers and diseased patients to implementation of systems in the clinical setting. Benchtop experiments have involved a variety of animal models including ex vivo perfusion studies with AV-ablated isolated rabbit hearts, paced guinea

pig hearts, and anesthetized dogs. He has utilized these models to conduct a series of studies to assess the influence of various hormones on ventricular action potential duration and drug-induced torsades de pointes. Additional studies have determined the influence of hemodynamic and neurohormonal predictors on atrial fibrillation as well as the consequences of developing atrial fibrillation. He has also assessed the impact of various antiarrhythmic agents on atrial electrophysiological parameters and electrocardiographic measurements.... In the clinical setting, Dr. Tisdale conducted a prospective, observational study to assess the prevalence of QT interval prolongation in patients admitted to cardiac care units in a large urban academic medical center. He utilized these study findings to develop and validate a risk score to predict QT interval prolongation in hospitalized patients. Subsequently, he utilized this same risk score to evaluate the effectiveness of a clinical decision support system to reduce the risk of QT interval prolongation in hospitalized patients.

Tisdale served on the guideline committee of the Society of Thoracic Surgeons on the prophylaxis and management of atrial fibrillation associated with general thoracic surgery. In addition, he was a member of the American Association for Thoracic Surgery guideline committee for preventing and managing perioperative atrial fibrillation and flutter for thoracic surgical procedures. He has published numerous review articles that provide basic overviews of the use of antiarrhythmic therapies for the everyday clinician and has written chapters on arrhythmias in many editions of various textbooks, including ACCP's *Pharmacotherapy Self-Assessment Program*, *Pharmacotherapy: Principles & Practice*, *Fundamentals of Geriatric Pharmacotherapy*, and ACCP's *Critical Care Pharmacotherapy*. He serves as a scientific editor for *Pharmacotherapy* and as an associate editor for the *Canadian Journal of Hospital Pharmacy*. Tisdale has served as a member or chair of numerous ACCP committees as well as ACCP regent and ACCP president. He has received numerous professional honors, including the New Investigator Award from the American Association of Colleges of Pharmacy and recognition as a Fellow of ACCP, the American Heart Association, the American Pharmacists Association, and the National Academies of Practice.

You Are Invited!

Research Institute & Pharmacotherapy Open House

11:30 a.m.–1:30 p.m. Monday
West Ballrooms, 301 B–D

Would you like to be more involved with the ACCP Research Institute (RI) or *Pharmacotherapy*, the official journal of ACCP? Speak with board members, editors, advisory panel members, and other leaders about:

- Developing Manuscripts of Interest
- Serving as a *Pharmacotherapy* Reviewer
- Becoming a *Pharmacotherapy* Editorial Board Member
- Serving as a Reviewer for Contributed Scientific Abstracts
- Researcher Development: Focused Investigator Training (FIT), Mentored Research Investigator Training (MeRIT) & ACCP Academy Research and Scholarship Certificate
- Research Funding Available Through the RI Student/Resident and Junior Investigator Futures Grants
- Engaging in Collaborative Research Experiences




ACCP Member Spotlight: Erin McCreary



Erin McCreary, Pharm.D., BCPS, is the education and development coordinator and an infectious diseases (ID) clinical pharmacist at the University of Wisconsin (UW) Health. She is also a clinical instructor at the UW-Madison School of Pharmacy and teaches ID lectures at the UW School of Medicine and Public Health. She earned her Pharm.D. degree from Auburn University Harrison School of Pharmacy (War Eagle!) and completed her PGY1 and PGY2 ID residencies at UW Health. McCreary is a Board Certified Pharmacotherapy Specialist. She has served the pharmacy profession in numerous roles, including as executive board member of the ACCP ID Practice and Research Network (PRN), chair of the ACCP National Resident Advisory Committee, member of the American Society of Health-System Pharmacists Section of Inpatient Care Practitioners' Advisory Group on Pharmacy Practice Experiences, and lead mentor for the Pharmacy Society of Wisconsin Adherence Competence Collaborative. She also is actively involved with the Vizient University HealthSystem Consortium research committee.

In her position, McCreary is responsible for student pharmacist, pharmacy resident, and clinical pharmacist education and development within UW Health. This includes onboarding and training, experiential education, residency training, continuing professional development, career advancement, and recognition, board certification, scholarship, and interprofessional practice within the pharmacy department. She also engages in antimicrobial stewardship and rounds with several inpatient ID consult teams for both adult and pediatric patients. Finally, she serves as a preceptor for students and residents. McCreary believes that the two best things about the pharmacy profession are serving patients and engaging in lifelong learning and that her first job is the perfect blend of the two. Her specific practice interests include preceptor development, medication adherence, interprofessional education, antimicrobial resistance, pharmacokinetics/pharmacodynamics, vaccination advocacy, and penicillin-allergy determination. Her dream is to have patient-pharmacist interaction at every phase of care for all patients in the future landscape of health care.

McCreary has always been fascinated by science and passionate about people. She first became interested in pharmacy as a junior in high school. At that time, someone very close to her was placed on an intricate medication regimen that involved a narrow therapeutic index drug. This experience exposed her to the complexity of pharmacy practice, the variety of pharmacist specialties and roles in care, and the incredible impact of pharmacists on the lives of patients. She applied to college by sorting the top 25 pharmacy schools and the top 25 football teams and only applying to institutions on both lists. She hasn't looked back since and finds yet another aspect of her work every single day that supports her belief that pharmacy is the greatest profession in the world.

McCreary states that listing all the individuals who have influenced her life and career would exceed the word limit of this spotlight. Many teachers, preceptors, colleagues, friends, and, most importantly, patients have made her the person and pharmacist she is today. She would like to extend a special thank-you to Chris Bland, Kayla Stover, Katie Lusardi, and Sarah Tennant for believing in her as a student, affording her the opportunity to serve on the ACCP ID PRN Executive Committee, and continuing to foster her professional and personal growth as a new practitioner. She would also like to

thank Dave Hager and Lucas Schulz for selecting her to complete residency training within their respective programs and investing time and resources to develop her into the clinician she is today. McCreary's mentors have taught her the meaning of selflessness, commitment, perseverance, integrity, effective communication, kindness, scholarship, and humility. As a result, she believes in hard work, treating people how they would like to be treated rather than how she would like to be treated, and doing the right thing even when no one is watching.

McCreary joined ACCP in pharmacy school after a friend and mentor recommended that she apply for the National Student Network Advisory Committee. This was one of the best experiences of her pre-residency career and sparked her passion to continue to serve the organization and its members. She then met Tamara Malm at the "Emerge from the Crowd" programming during her fourth year of pharmacy school, who encouraged her to be heavily involved with ACCP throughout residency training and beyond. McCreary is grateful that ACCP is the type of organization that fosters instantaneous connections with some of the best and brightest in the profession and believes the ACCP Annual Meeting is one of the best conferences of the year. She credits the relationships she has formed through ACCP with teaching her something every single day, engaging her in several research and scholarship opportunities, and overall making her a better pharmacist.

McCreary encourages pharmacy students, residents, and fellows to ask a million questions. Travel to attend local, state, and national meetings and meet as many people in the profession as possible. Save money for residency applications and the awkward month after residency/fellowship, when you have to eat and pay rent without a paycheck. Make time for the people and activities in your life outside pharmacy. Say yes to as many things as possible early in your career to discover what drives you, and then home in and say yes only to the things that move you in the direction of your goals. Throw kindness around like confetti. Spend 5 extra minutes with your patients. Recognize that it is an awesome privilege to be a pharmacist and to serve others. Teach everything you learn to someone else. Surround yourself with people who make you better, and be a go-to person for others. Be brave and honest. Smile. Show your passion. Remember that dreams don't work unless you do and that no dream is too big or too small.

Call for Nominations

All nomination materials, including letters, curricula vitae or resumes, and other supporting documents, can be submitted online to ACCP. The online nominations portal specifies the nominating materials required for each award, honor, and elective office. [Click here](#) to access the nominations portal.

PLEASE NOTE:

Due November 30, 2017 – Nominations for the fall 2018 awards (Elenbaas Service, Russell R. Miller, Clinical Practice, and Education awards), the 2019 Therapeutic Frontiers Lecture Award, and the 2019 elected offices.

Due February 15, 2018 – Nominations for the 2018 Parker Medal, the 2018 “new” awards (New Investigator, New Clinical Practitioner, and New Educator), and the 2018 ACCP Fellows (FCCPs).

2019 Officers and Regents: President-Elect, Regents, and Research Institute Trustees. Nominees must be Full Members of ACCP and should have (1) achieved excellence in clinical pharmacy practice, research, or education; (2) demonstrated leadership capabilities; and (3) made prior contributions to ACCP. Current members of the Nominations Committee are ineligible. Please note that any qualifying Full Member may nominate himself or herself for office.

Nomination deadline: November 30, 2017.

2018 ACCP Fellows: Fellowship is awarded in recognition of continued excellence in clinical pharmacy practice or research. Nominees must have been Full Members of ACCP for at least 5 years, must have been in practice for at least 10 years since receipt of their highest professional pharmacy degree, and must have made a sustained contribution to ACCP through activities such as presentation at College meetings; service to ACCP committees, PRNs, chapters, or publications; or election as an officer. Candidates must be nominated by any two Full Members other than the nominee, by any Fellow, or by any member of the Board of Regents. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, or Credentials: FCCP Committee are ineligible for consideration. **Nomination deadline: February 15, 2018.**

2018 Paul F. Parker Medal for Distinguished Service to the Profession of Pharmacy: Recognizes an individual who has made outstanding and sustained contributions to improving or expanding the profession

of pharmacy in an area of professional service—including, but not limited to, patient care, leadership, administration, finance, technology, information processing, service delivery, models of care, and advocacy. The award is not limited to pharmacists or ACCP members. All nominations must consist of a letter detailing the nominee’s qualifications for this award and his or her contributions to the profession of pharmacy; the nominee’s curriculum vitae, resume, or biographical sketch as available; and a minimum of three letters of recommendation. At least one of these letters must be from an individual outside the nominee’s current practice locale. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Parker Medal Selection Committee, or ACCP staff are ineligible. **Nomination deadline: February 15, 2018.**

Robert M. Elenbaas Service Award: Given only when a particularly noteworthy candidate is identified in recognition of outstanding contributions to the vitality of ACCP or to the advancement of its goals that are well above the usual devotion of time, energy, or material goods. All nominations must include a letter of nomination from an ACCP member detailing the nominee’s qualifications for the award, the nominee’s curriculum vitae, and two letters of support from a minimum of two ACCP members that describe the individual’s accomplishments relative to the award criteria. At least one of the required letters of support must be from an individual outside the nominee’s current place of employment. Additional letters of support may also be included. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: November 30, 2017.**

2019 Therapeutic Frontiers Lecture Award: Honors an internationally recognized scientist whose research is actively advancing the frontiers of pharmacotherapy. Recipients need not be ACCP members. All nominations must include a letter of nomination from an ACCP member detailing the nominee’s qualifications for the award, the nominee’s curriculum vitae, and two letters of support from a minimum of two ACCP members that describe the individual’s accomplishments relative to the award criteria. At least one of the required letters of support must be from an individual outside the nominee’s current place of employment. Additional letters of

support may also be included. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible.

Nomination deadline: November 30, 2017.

2018 Russell R. Miller Award: Recognizes an ACCP member who has made substantial contributions to the literature of clinical pharmacy, either as a single, especially noteworthy contribution or as a sustained contribution over time. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support from a minimum of two ACCP members that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support may be provided, including letters from non-ACCP members. Self-nominations are not permitted. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: November 30, 2017.**

2018 Clinical Practice Award: Recognizes an ACCP member who has developed an innovative clinical pharmacy service, provided innovative documentation of the impact of clinical pharmacy services, provided leadership in developing cost-effective clinical pharmacy services, or shown sustained excellence in providing clinical pharmacy services. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support from a minimum of two ACCP members that describe the individual's accomplishments relative to the award criteria. At least one of the required letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support may be provided, including letters from non-ACCP members. Self-nominations are not permitted. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: November 30, 2017.**

2018 Education Award: Recognizes an ACCP member who has shown excellence in the classroom and/or clinical training site, conducted innovative research in clinical pharmacy education, demonstrated exceptional dedication to continuous professional development, or shown leadership in

developing clinical pharmacy education programs. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support from a minimum of two ACCP members that describe the individual's accomplishments relative to the award criteria. At least one of the required letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support may be provided, including letters from non-ACCP members. Self-nominations are not permitted. Current members of the Board of Regents, Research Institute Board of Trustees, *Pharmacotherapy* Board of Directors, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: November 30, 2017.**

2018 New Investigator Award: This award highlights the research program of an ACCP member who has made a major impact on an aspect of clinical pharmaceutical science. Nominees must have been at the time of nomination members of ACCP for more than 3 years; they must have a research program with a significant publication record having a programmatic theme or an especially noteworthy single publication; and it must have been less than 6 years since completion of their terminal training or degree, whichever is most recent. Fellows of ACCP (i.e., "FCCPs") are ineligible. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support (also from ACCP members) that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support are allowed, including letters from non-ACCP members. Self-nominations are not permitted. Current members of the Board of Regents, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: February 15, 2018.**

2018 New Clinical Practitioner Award: This award recognizes a new clinical practitioner who has made outstanding contributions to the health of patients and/or the practice of clinical pharmacy. Nominees must have been Full Members of ACCP at the time of nomination and members at any level for a minimum of 3 years. In addition, nominees must have completed their terminal pharmacy training or degree (whichever is most recent) within the past 6 years. Fellows of ACCP (i.e., "FCCPs") are ineligible. All nominations must include a letter of nomination from an ACCP

member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support (also from ACCP members) that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support may be provided, including letters from non-ACCP members. Self-nominations are not permitted. Current members of the Board of Regents, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: February 15, 2018.**

2018 New Educator Award: This award recognizes and honors a new educator for outstanding contributions to the discipline of teaching and to the education of health care practitioners. Nominees must have been Full Members of ACCP at the time of nomination and members at any level for a minimum

of 3 years. In addition, nominees must have completed their terminal pharmacy training or degree (whichever is most recent) within the past 6 years. Fellows of ACCP (i.e., "FCCPs") are ineligible. All nominations must include a letter of nomination from an ACCP member detailing the nominee's qualifications for the award, the nominee's curriculum vitae, and two letters of support (also from ACCP members) that describe the individual's accomplishments relative to the award criteria. At least one of the letters of support must be from an individual outside the nominee's current place of employment. Additional letters of support may be provided, including letters from non-ACCP members. Self-nominations are not permitted. Current members of the Board of Regents, Awards Committee, or ACCP staff are ineligible. **Nomination deadline: February 15, 2018.**

ACCP Clinical Pharmacy Challenge: Live Round Competition at the Annual Meeting



Live round action of ACCP's novel, national team competition for pharmacy students, the Clinical Pharmacy Challenge, will be held in Phoenix at the upcoming ACCP Annual Meeting. The competition continues to grow each year, drawing participation from 115 institutions representing 46 states and two international institutions.

The online competition, which concluded September 8, gave eligible teams the opportunity to compete in up to four rounds of competition, during which they answered items in each of the competition's distinct segments:

- Trivia/Lightning
- Clinical Case
- Jeopardy-style

The item content used in each segment was developed and reviewed by an expert panel of clinical pharmacy practitioners and educators.

From the initial field of 115 teams, eight will advance to compete in the live round competition in Phoenix on October 7–9. Quarterfinal teams will be vying for a spot in the final round for a chance to win up to \$1500 and the title of Clinical Pharmacy Challenge Champion.

Please join ACCP in congratulating the 2017 quarter-finalist teams:

- Butler University College of Pharmacy and Health Sciences

- Roseman University of Health Sciences College of Pharmacy
- Temple University School of Pharmacy
- Thomas Jefferson University Jefferson College of Pharmacy
- University of California, San Francisco School of Pharmacy
- University of Kentucky College of Pharmacy
- University of Nebraska Medical Center College of Pharmacy
- University of Tennessee Health Science Center College of Pharmacy

Who will be crowned the 2017 Clinical Pharmacy Challenge Champion? Join us in Phoenix to find out.

To obtain more information on the Challenge and view a listing of the teams that participated and progressed through each of the four online rounds, please visit the [ACCP website](#).

Highlights from the CMM Effectiveness and Implementation Grant: A Report from the Study Team

Each quarter, the *ACCP Report* features a column, written by our study team, to provide members with highlights and learnings from the comprehensive medication management (CMM) project. The previous reports for January, March, June, and September 2016 and March and June 2017 can be found on the [ACCP website](#).

The report provides an update on study progress and concludes with *Research Insights*, which highlight

a particular aspect of our work. The goal is to share key learnings emerging from our efforts.

Study Updates

To revisit the aims of the study, you can find them outlined [here](#).

In this quarterly installment, we provide updates on study progress and highlight the outcomes of recent in-person meetings held with our 36 sites. We close with information on forthcoming educational programming pertaining to learnings from the project.

In the June 2017 *ACCP Report*, we provided an overview on the use of implementation science in defining the three core components of CMM: (1) the philosophy of practice, (2) the CMM patient care process, and (3) the structural and system-level elements (i.e., CMM practice management) that allow for integrating and managing the CMM service within a primary care practice. If you have not reviewed the June 2017 *ACCP Report*, we encourage you to do so because these learnings lay the foundation for CMM. As mentioned in the previous report, we continue to convene our Grant Steering Committee and our Payer and Policy Advisory Board, both of which are composed of national leaders and researchers in CMM, primary care, implementation science, and health care policy and payment. Throughout the project, we share progress and insights and receive input on the strategic direction of the project and dissemination of findings.

In addition, our work continues to extend across many different facets of understanding, implementing, and justifying CMM services in primary care settings. Areas of ongoing work within the CMM grant include:

- Measuring the impact of CMM on clinical quality measures, health care costs, and the return on investment that can be realized from CMM (aim 4 of our study). This work continues through spring 2018, with updates to be provided in October 2017 at the Annual Meeting;
- Evaluating the role of a defined process of improvement cycles for scaling up the delivery of CMM services;
- Developing, implementing, and validating a measure of fidelity to CMM;
- Assessing provider perception of the value and influence of CMM on medical provider well-being in primary care settings;
- Developing strategies for deploying resources to accelerate CMM implementation and practice improvement; and
- Assessing patient engagement and satisfaction with CMM services.

Research Insights: Summer 2017 In-Person Meetings with Our Practice Sites

In July 2017, we convened an in-person meeting in Minnesota for our five in-state health-system sites as



well as the New York and New Mexico sites participating in our CMM study. This meeting brought together 40 clinical pharmacists and study personnel. We held a similar meeting in August 2017 in North Carolina for



our study sites located throughout the state. This meeting brought together 20 clinical pharmacists and study personnel. Throughout the daylong event in Minnesota and North Carolina, colleagues at the sites engaged in facilitated large-group discussions and small-group learning roundtables. The goals for the meetings were several-fold:

- Create an opportunity for clinical pharmacists to interact with each other so that experiences as well as strategies for practice improvement can be shared across individuals and practice sites;
- Continue efforts to build a full understanding among colleagues at all sites of the about how their work is contributing to study aims, yielding relevant findings, and ultimately creating lessons and resources that will help propel the adoption and expansion of CMM services in primary care;
- Engage clinical pharmacists in more in-depth application of both the CMM patient care process tool and the CMM practice management tool in an

effort to gather additional insight and finalize the tools for more widespread use; and

- Ensure that everyone has an understanding of the activities that will take us to the end of the study as well as the efforts to scale and sustain CMM services beyond the study.

Collectively, the following insights and outcomes emerged from the meetings:

- *Usefulness and importance of the practice management tool (i.e., the structural and system-level elements that allow for the integration and management of the CMM service within a primary care practice):* Groups placed high value on the practice management tool that resulted from months of qualitative research and found this tool useful in assessing their own practice supports and identifying more system-level opportunities for improvement. Site colleagues felt the practice management tool would be an invaluable resource for clinical pharmacists and practice sites moving forward. In addition, site colleagues believed the tool beneficial as an educational resource in training pharmacy students and residents. Over the past year, site colleagues have engaged in a series of interviews and cohort discussions that have led to the development of five key domains for practice management. This research culminated not only in a framework for approaching practice management, but also a self-assessment tool to guide practice sites and clinical pharmacists. Findings from this work will be presented at the ACCP 2017 Annual Meeting in Phoenix (see below).
- *Refinement of the CMM patient care process common language:* Focus groups were held with the North Carolina sites to complete a final round of qualitative work necessary to finalize the CMM patient care process common language document. This discussion helped refine some key operational definitions within the tool. Throughout the exercise, site colleagues expressed the importance of this tool to guide clinical practice and its relevance and importance in the education and training of students and residents.
- *Appreciation for the role of improvement cycle work:* The Plan-Do-Study-Act (PDSA) cycles that have been ongoing throughout the study were of value to our sites. Engagement in the improvement cycle work triggered documented change within sites, and the PDSA resources, tools, and coaching available to them provided a structure for change that they had not previously experienced. A key learning for us was the relative importance and

perceived value that sites place on improvement cycles as key to future practice advancement efforts. Findings from this work will also be presented at the 2017 ACCP Annual Meeting. In addition, we are packaging our learnings and resources into an “implementation system” to support practice advancement efforts for profession-wide use beyond the study.

- *The benefit of a learning community:* Clinical pharmacists at both events expressed value in engaging face to face with colleagues across various practice sites. Practitioners shared learnings with each other from their experience throughout the study as well as insights into how they are approaching the delivery of CMM and practice improvement within their own practices. These exchanges and the sense of a “community” were a major benefit and were important to our sites.
- *Appreciation for the big picture:* Finally, colleagues at the sites appreciated a recap on where we have been, the work that remains to be done, and the efforts to scale and sustain CMM services beyond the study.

We are grateful for the dedication, patience, and commitment of the clinical pharmacists engaged in this study, without which this work and the emerging learnings would not be possible. On behalf of the investigators and study team, we hope these highlights are informative. Please feel free to contact Mary Roth McClurg at mroth@unc.edu or Todd Sorensen at soren042@umn.edu at any time with questions.

Upcoming Presentations and Educational Programming

Opportunities to learn more about the study and engage in practice advancement and improvement workshops include:

2017 ACCP Annual Meeting Poster Presentations

The following abstracts were accepted for poster presentation at the 2017 Annual Meeting in Phoenix.

- Mendkoff J, Pestka DL, Frail CK, Sorge LA, Funk KA, Carroll J, Sorensen TD, Roth McClurg M. Assessing the State of Comprehensive Medication Management in a Sample of Primary Care Clinics.
- Pestka DL, Sorge LA, Roth McClurg M, Frail CK, Funk KA, Sorensen TD. The Philosophy of Practice of Comprehensive Medication Management: Evaluating its Meaning and Application in Practice.

- Pestka DL, Frail CK, Sorge LA, Funk KA, Roth McClurg M, Sorensen TD. Developing a Tool to Assess the Essential Components of Practice Management for Comprehensive Medication Management within Primary Care Clinics.
- Blanchard C, Frail CK., Funk KA., Livet M, Ward C, Sorensen TD, Roth McClurg M. Assessing fidelity through a comprehensive medication management self-assessment tool.
- Frail CK, Blanchard C, Livet M, Ward C, Sorensen TD, Roth McClurg M. Developing a Fidelity Assessment System for a Comprehensive Medication Management Service.
- Livet M, Sorge L, Blanchard C, Ward C, Roth McClurg M, Sorensen TD. The Role of Improvement Cycles in Scaling Up Delivery of Comprehensive Medication Management (CMM) in Primary Care Settings.

2017 ACCP Annual Meeting Educational Programming

Scaling and Sustaining CMM: Findings to Date from the CMM in Primary Care Study

Saturday, October 7, 2017, 1:45 p.m. – 3:45 p.m.

ACCP Updates in Therapeutics®, February 16–18, 2018, Jacksonville, Florida

Patient-Centered, Team-Based Care: Focus on Outpatient Practice. Accelerating the Adoption and Sustainability of Comprehensive Medication Management

This is a 3-day interactive workshop designed to:

- Engage participants in a multifaceted workshop-style event that immerses ambulatory care practitioners in the foundational elements of CMM and prepare them for initial or continued implementation of CMM services;
- Highlight tools, strategies, and “lessons learned” produced by the “Implementation and Effectiveness of CMM in Primary Care” study;
- Guide participants in establishing an aim specific for their home organization to drive the adoption and expansion of CMM. Participants will also establish an initial action plan to put implementation efforts on a path that will achieve the defined aim;
- Guide participants in developing a business case for scaling and sustaining CMM services;

- Provide the foundation for a longitudinal learning experience that connects learning and coaching to real-time practice implementation and improvement; and
- Share CMM research and best practices through poster presentation sessions and discussion.

The target audience is clinical pharmacists, including pharmacy residents, seeking to adopt, expand, and sustain CMM services in an ambulatory care setting. Participants are encouraged to attend the 3-day workshop with team members from their practice site (other pharmacists or non-pharmacists) to work collaboratively on the implementation planning.



2018 ACCP Global Conference on Clinical Pharmacy

Plan now to join colleagues from throughout the world by attending the 2018 Global Conference on Clinical Pharmacy in Seattle, October 20–23. The venues for the conference will be the Washington State Convention Center and the beautiful Sheraton Seattle Hotel. In addition to the usual cutting-edge programming and extensive networking opportunities, the conference will focus on clinical pharmacy around the world. Building on the energy generated at the 2015 Global Conference on Clinical Pharmacy in San Francisco, the 2018 conference will feature sessions designed to facilitate the exchange of experiences and advances in clinical pharmacy practice, education, training, credentialing, and research across the globe. See the first call for abstracts in this issue of the *ACCP Report* and look for the Global Conference website to open in November.

Call for Abstracts for the 2018 ACCP Global Conference on Clinical Pharmacy

All investigators in the field of clinical pharmacy and clinical pharmacology, ACCP members and nonmembers alike, are invited to submit abstracts to be considered for presentation at the 2018 ACCP Global Conference on Clinical Pharmacy in Seattle, October 20–23.

All abstracts accepted for presentation, except for “Encore” and “Research-in-Progress” presentations, will have full-text abstracts published online in an official journal of ACCP. Only the abstract title, authors, and original citation will be published for “Encore” presentations. All accepted abstracts will be published full-text in the ACCP Annual Meeting app. Posters from all categories will be distributed across the poster display sessions/days throughout the meeting.

To review the complete submission instructions, guidelines, and review criteria, or to submit an abstract, visit the [ACCP website](#).

ABSTRACT CATEGORIES:

Original Research: Abstracts must summarize quantitative or qualitative findings from completed research. Basic, clinical, translational, dissemination/implementation, or educational research are examples of acceptable research. Topics should be relevant to a clinical pharmacy audience and may include research in drug metabolism, education/pedagogy, health services, medication safety, patient/population outcomes, pharmacokinetics, pharmacodynamics, pharmacoeconomics, pharmacoepidemiology, pharmacogenomics, pharmacology, or pharmacotherapy. Abstracts reporting in vitro or animal research are invited. Encore submissions are also welcome.

Systematic Reviews/Meta-Analyses: Abstracts must describe a systematic review adhering to the guidelines and definitions established by Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) and include the 12 items published in the PRISMA for Abstracts checklist.

Case Reports: Abstracts of case reports must update and expand therapeutic insights or generate research hypotheses. Although narrative in nature, these abstracts must stress the “evidence” for the authors’ conclusions by describing the process followed to understand the findings and possible mechanisms involved in the case, how patients were evaluated and treated, and specific descriptions of the outcome(s).

Clinical Pharmacy Forum: Abstracts must describe the delivery, justification, documentation, adaptability, and impact/significance of innovative clinical pharmacy services. Abstracts that address components of the ACCP Standards of Practice for Clinical Pharmacists and/or describe efforts to develop, advance, or position clinical pharmacists to optimize patient care are encouraged. Abstracts may be descriptive and need not contain an evaluative component. Encore submissions are welcome.

Advances in International Clinical Pharmacy Practice, Education, or Training: Abstracts must describe the delivery, justification, documentation, adaptability, and impact/significance of clinical pharmacy practice, education, or training outside the United States. Abstracts may be descriptive and need not contain an evaluative component.

Resident and Fellow Research-in-Progress: Submission guidelines are those of an Original Research abstract except that the research effort is ongoing at the time of abstract submission. The presenting author must be in a postgraduate training program (PGY1 or PGY2 residency, Ph.D./master’s graduate degree program, or fellowship training program).

Student Research-in-Progress: Submission guidelines are those of an Original Research abstract except that the research effort is ongoing at the time of abstract submission. The presenting author must be a first professional degree (Pharm.D. or BSP Pharm) student.

Encore Presentation: Submission and evaluation criteria are those of the Original Research, Systematic Review/Meta-Analysis, Case Report, or Clinical Pharmacy Forum category, except that the **same abstract** was presented elsewhere or published in **abstract form only** before this meeting. Abstracts submitted for Encore Presentations must not be modified from the previously presented/published version. This includes the title, authors, and abstract body. The presenting author may differ, but he or she must be an author on the original abstract.

Important Dates:

■ Early Decision

- The early decision abstract submission deadline for all abstract categories (Original Research; Systematic Reviews; Case Reports; Clinical Pharmacy Forum; Advances in International Clinical Pharmacy Practice, Education, or Training abstracts; and Research-in-Progress) is February 15, 2018.

- Authors will receive a notification of acceptance or declination by April 16, 2018.

■ Regular Decision

- The regular decision abstract submission deadline for Original Research, Systematic Reviews, Case Reports, Clinical Pharmacy Forum, and Advances in International Clinical Pharmacy Practice, Education, or Training abstracts is June 15, 2018.
- The regular decision abstract submission deadline for Research-in-Progress abstracts (Student & Resident and Fellow) is July 15, 2018.
- Authors will receive a notification of acceptance or declination by August 15, 2018.

To review the complete submission instructions, guidelines, and review criteria, or to submit an abstract, visit the [ACCP website](#).

2017 Annual Meeting Town Hall to Examine Community and Clinical Pharmacy Collaborations

Join ACCP on Sunday, October 8, during the 2017 ACCP Business and Town Hall Meeting featuring a panel session, "Building a Patient-Centered Pharmacist Team to Achieve Medication Optimization." C. Edwin Webb, Pharm.D., MPH, associate executive director of ACCP, will serve as the moderator for the session, focusing on ways pharmacists can collaborate across settings to enhance the value they provide. Specifically, the panelists will address the following:

- Devising optimal medication regimens;
- Ensuring optimal medication use;
- Synergizing pharmacist knowledge, skills, and access to achieve desired medication outcomes; and
- Leveraging pharmacist-pharmacist relationships to fully contribute as members of the patient's health care team.

The panelists featured during this session are from a variety of backgrounds and pharmacy settings. They include:

- Allyson Schlichte, Pharm.D., MBA, BCACP, *Medication Therapy Management Operations*

Lead and Provider, Fairview Health Services, Minneapolis, Minnesota

- Trista Pfeifferberger, Pharm.D., *Director of Quality and Operations, Community Pharmacy Enhanced Services Networks, Hillsborough, North Carolina*
- Amina Abubakar, Pharm.D., *Pharmacist/Owner, Rx Clinic Pharmacy, Charlotte, North Carolina*

You will not want to miss this thought-provoking discussion on the future of pharmacy collaboration opportunities across settings! Register today [here](#) if you haven't already, and begin planning your meeting. See you at #ACCPAM17!

President's Column: ACCP Committees Wrap Up Their Work



Marcia L. Buck, Pharm.D., FCCP, FPPAG, BCPPS

As we approach the 2017 Annual Meeting, the committees are preparing their final reports for the Board of Regents. It has been a busy year, with about 220 ACCP members serving on a 2017 ACCP committee and board members and staff serving as secretaries. The committees took on a wide range of charges, from those supporting new strategic initiatives to others addressing cutting-edge or controversial topics facing the profession.

In addition to recommending candidates for this year's recipients of the Clinical Practice, Education, Russell R. Miller, Robert M. Elenbaas Service, New Clinical Practitioner, New Investigator, New Educator, and Therapeutic Frontiers awards, this year's Awards Committee was charged with developing a more systematic means to apply the award criteria in selecting the final awardees. Committee chair Krystal Edwards and vice chair Brad Phillips led the group in developing the first drafts of rubrics to provide more consistent assessments of each nominee and support the rankings provided to the board. These rubrics will be finalized by next year's committee. The committee also established policies and procedures for use by future committees to further standardize the process.

Chair Judi Jacobi, vice chair Jennifer Bean, and members of the Certification Affairs Committee developed recommendations for how ACCP might support and highlight the Board of Pharmacy Specialties (BPS) Value of Board Certification Initiative. This initiative, designed to promote the value of board certification both within and outside the pharmacy profession, is part of BPS's yearlong commemoration of its 40th anniversary.

The committee developed a detailed report of resources addressing the value of credentialing for three different target audiences: prospective applicants, employers, and the public. These resources, to be used in future ACCP messaging and made available as a bibliography for future committee work and collaborations with BPS and other professional organizations, will help members demonstrate the value of board certification in their respective workplaces.

The Clinical Practice Affairs Committee continues to develop an issue brief for the board on how clinical pharmacists can best contribute to medication optimization at the patient population level. This brief will also address how ACCP can support and promote pharmacists involved in providing population-based health care.

Chair Lisa Costanigro, vice chair Andrew Crannage, and members of the Credentials: Membership Committee reviewed all the membership applications submitted this year and recommended approval for new full members, associate members, affiliate members, resident and fellow members, and student members. Many associate members met the qualifications to become full members. The committee also reviewed submissions for the Member Spotlight series in the *ACCP Report*.

The Credentials: Fellowship Committee, with Kristi Kelly as chair and Dawn Havrda as vice chair, awarded Fellow (FCCP) status to 30 deserving ACCP members. This 36-member committee, the largest of ACCP's member work groups, reviewed and scored each nominee's application. Each committee member reviewed five or six applications using an online evaluation tool, with each nominee receiving a composite score reflecting the evaluations of five committee members. The chair and vice chair performed a final review of each application to identify any possible errors or omissions. The names of nominees recommended by the committee for Fellow status and their scores were then submitted to the board for final approval.

In conjunction with its theme of "Interprofessional Collaboration: From Theory to Practice," the Educational Affairs Committee is revising the 2008 ACCP white paper "Interprofessional Education: Principles and Application. A Framework for Clinical Pharmacy." This revision will reflect the significant advances in interprofessional education and training for health care providers over the past decade, including the growing body of literature describing best practices and the recent work of groups such as the Interprofessional Education Collaborative. Chair John Murphy and vice chair Anne Marie Liles also led the committee in developing recommendations for updating the 2009 ACCP position statement "Interprofessional Education and Practice."

One of the most common issues raised in the 2017 member survey was the need for information on personal financial management. The Member Relations Committee, led by chair Zachary Stacy and vice chair Kira Brice Harris, took on this topic. After gathering additional information from a targeted survey of the membership that resulted in 850 responses, the committee developed recommendations for a wide variety of webinars and online tools. These resources will include information useful to ACCP members at many stages of their careers, from dealing with student loan debt to prioritizing personal saving and investing and engaging in retirement and estate planning.

Chair Krystal Haase, vice chair Mary Roth McClurg, and members of the Nominations Committee completed recommendations for the slate of candidates for the 2018 ACCP elections. These recommendations were approved by the Board of Regents during its July meeting and published in the [August ACCP Report](#). The committee identified the need to develop the skills of "near-future" leaders whose strengths and experience in professional organizations might be enhanced by opportunities to serve on ACCP committees or task forces. This recommendation parallels a strategic objective of the new 2017 ACCP strategic plan to develop future leaders through new ACCP Academy programming and leadership sabbaticals or traineeships.

The Public and Professional Relations Committee, led by chair Sarah McBane and vice chair Scott Coon, is finalizing a new ACCP white paper on using and promoting compounded medications. This charge was developed to address the controversies related to the sale of compounded products of unproven effectiveness as well as efforts to restrict compounding, which may inadvertently limit the necessary production of oral liquids for infants, children, and older patients unable to take solid oral dosage forms. The committee is using an evidence-based approach to analyze the recent literature and produce a document that can serve as a resource for future guidelines or regulations in this area of pharmacy practice.

Chair Jill Borchert, vice chair Jennifer Phillips, and members of the Publications Committee are completing an ACCP white paper on using pharmacy technicians and other support personnel to optimize clinical pharmacy services. This paper will address how support staff can become more integrated into the health care team to facilitate expanded opportunities for clinical pharmacists to engage in medication optimization. Examples from organizations that are currently optimizing their use of support personnel will be included, as well as information gathered from the work done during the 2017 Pharmacy Technician Stakeholder Consensus Conference.

The Research Affairs Committee, led by chair Christina Aquilante and vice chair Paul Stranges, developed a web-based resource guide of programs and services to aid ACCP members in developing research, scholarship, and scientific/professional writing skills. This extensive resource includes content from ACCP and sources outside the organization, with most available at no cost or for a nominal fee. This new resource guide is expected to be available by the end of 2017.

The 2018 Annual Meeting Committee, with chair Kelly Caudle and vice chair Alexander Flannery, is completing its work in preparation for the 2018 ACCP Global Conference on Clinical Pharmacy to be held in Seattle, October 20–23, 2018. Mark your calendars now!

The Research Fellowship Program Review Committee also completed its evaluations of programs applying for an ACCP peer review or for a re-review of an existing ACCP-approved program.

Chair Erin McCreary and vice chair Brandon Martinez led the Resident Advisory Committee in several initiatives this year. In addition to the standing request for committee members to participate in the “Emerge from the Crowd” and other programs at ACCP meetings, the group evaluated the current ACCP mentoring program and submitted recommendations for improvement, developed a plan for promoting ACCP membership to residents and fellows, proposed a re-design of the ACCP Career Center, and identified resources to assist residents and fellows with personal financial management.

The National Student Network and Advisory Committee, led by chair Brian Kurish and vice chair Anesia Reticker, provided input on revising the ACCP student membership brochure. The committee also developed new content for the ACCP student webpages that highlights the past winners of the Clinical Pharmacy Challenge and Clinical Research Challenge. In addition to these new changes, the committee continued to provide content and review for the quarterly ACCP student newsletter and the student sections of the ACCP website and Facebook page. As in previous years, both the resident- and the student-led committees were dedicated in completing their charges and produced excellent deliverables.

Because this is my last President’s Column, I would like to once again thank all the members of our organization who have volunteered this year. Whether serving on committees, holding office, working within your PRN, reviewing meeting abstracts or papers for *Pharmacotherapy*, serving on the ACCP-PAC Governing Council, or serving as a MeRIT, FIT, or student mentor, you are making ACCP and our profession better and enhancing our ability to care for the patients we serve. I look forward to seeing you in Phoenix!

ACCP RI Congratulates 2017 Futures Grants Program Awardees



The ACCP Research Institute (RI) Frontiers Fund supports clinical pharmacy researcher development and clinical pharmacy research advancement. Through its Futures Grants program, the RI Board of Trustees is especially interested in supporting the development of research skills among student, trainee, and early-career ACCP members with a goal of establishing sustained interest and careers in clinical pharmacy research.

This year, the ACCP RI received 47 applications for its mentored research funding program. Each application was reviewed by an expert panel according to the program’s core review criteria. The ACCP RI congratulates the 2017 Futures Grants program awardees. All award recipients will be recognized during the Awards and Recognition Ceremony on Sunday, October 8, during the upcoming ACCP Annual Meeting in Phoenix.

Junior Investigator Awards:

- Houda Alachkar, Pharm.D., Ph.D., USC School of Pharmacy – Pharmacogenomics of Age-Specific, Asparaginase-Induced Hepatotoxicity in Patients with Acute Lymphoblastic Leukemia. Mentor: Enrique Cadenas, M.D., Ph.D.
- Jeffrey M. Rybak, Pharm.D., University of Tennessee, Memphis – Revealing the Impact of Small Molecule Transporters on Clinical Triazole Resistance in *Aspergillus Fumigatus*. Mentor: P. David Rogers, Pharm.D., Ph.D., FCCP

Student/Resident Awards:

- Tyler Shugg, Pharm.D., Ph.D. Candidate, Purdue University – A Mechanistic Analysis of CaMKII Regulation of IKs During Sustained Beta-Adrenergic Stimulation. Mentor: Brian Overholser, Pharm.D., FCCP
- Kevin Straughn, B.S., Pharm.D. Candidate, University of North Carolina – Design and Optimization of Polymyxin-Based Triple Combination Regimens Against Carbapenem-Resistant *Klebsiella Pneumoniae*. Mentor: Gauri Rao, Pharm.D., M.S. (Computer Engineering), M.S. (Pharmacometrics)
- Anh Tan Truong, Pharm.D., Ph.D. Candidate, University of Southern California – A Novel Approach to Understanding the Estrogen Receptor Signaling Pathway Using Thermally Responsive Biopolymers. Mentor: J. Andrew MacKay, Ph.D.

- Ana D. Vega, Pharm.D., PGY2 Infectious Diseases Resident, University of Maryland – Oral Vancomycin Plus Intravenous Metronidazole for Severe *Clostridium Difficile* NAP1/BI/027 Infection. Mentor: Kimberly Claeys, Pharm.D., BCPS

The ACCP RI Board of Trustees and staff would also like to express their sincere gratitude to the expert reviewers who served on the Junior Investigator and Student/Resident Award Review committees. Members of the Junior Investigator Award Review Committee were William Baker, Douglass Boggs (chair), Kathryn Connor, Christopher Destache, Sheetal Dharia, Jeffrey Fong, Christine Formea, David Fuentes, Paul Gubbins, Ajna Hamidovic, Charles Leonard, David Martin, David Min, Keith Olsen, Diana Sobieraj, and Michael Ujhelyi. Members of the Student/Resident Award Review Committee were Kyle Burghardt, Margaret (Peggy) Bush, Mariann Churchwell, Yen Dang, Maguy Hajj, Kirollos Hanna, Vanthida Huang, YoonSun Mo, and Kimberly Scarsi (chair).

For more information about the ACCP RI Futures Grants program, please visit the [ACCP RI website](#). The next request for applications will open February 1, 2018.

Washington Report: Advocacy Highlights at the 2017 ACCP Annual Meeting

John McGlew
Director of Government Affairs

Since the College launched its initiative to seek Medicare coverage for comprehensive medication management (CMM) service, its lobbying efforts have yielded important progress in helping educate congressional offices on the definition of CMM and the process of care, its benefits to patients and the broader health care system, its acceptance within existing public and private programs, and its potential for savings and quality improvement.

At the same time, passage of the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA) set in motion the process of transitioning Medicare physician payments from a fee-for-service structure to one that measures and pays for quality and outcomes by incentivizing participation in Merit-Based Incentive Programs and Advanced Alternative Payment Models.

To learn more about potential opportunities to advance the integration of CMM services as part of this evolution of Medicare payment and care-delivery structures, [2017 ACCP Annual Meeting](#) attendees are encouraged to attend the following sessions, each held at the Phoenix Convention Center North Building Street Level:



ACCP Welcome and Keynote Address: Big Data for Team-Based, Patient-Centered Health Care: A Clinical Framework

October 7, 8:00 a.m. – 9:30 a.m.

Available for 1.0 hours of CPE credit.

Speaker:

- Summerpal Kahlon, M.D., *Director, Care Innovation, Oracle Health Sciences, Orlando, Florida*

Learning objectives:

- Describe the emerging world of “big data” and how it relates to the advancement of clinical pharmacy practice;
- Identify ways to incorporate and use robust data sets/information to improve clinical and humanistic outcomes for patients; and
- Summarize the current policy and advocacy issues that intersect with the world of big data.

Credentialing and Privileging: The Key to Advancing Clinical Practice Through Alternative Payment Models

October 7, 9:45 a.m. – 11:45 a.m.

Available for 2.0 hours of CPE credit.

Speakers:

- John K. McGlew, M.A., *Director of Governmental Affairs, American College of Clinical Pharmacy, Washington, D.C.*
- Daniel S. Aistrop, Pharm.D., BCACP, *Director, Clinical Practice Advancement, American College of Clinical Pharmacy, Lenexa, Kansas*
- Allyson Schlichte, Pharm.D., MBA, BCACP, *Medication Therapy Management Operations Lead and Provider, Fairview Health Services, Minneapolis, Minnesota*

Learning objectives:

- Describe the policy principles of ACCP’s Medicare Initiative to establish coverage for comprehensive medication management (CMM) services within the Medicare program;
- Identify the key challenges and opportunities in Congress and within the administrative agencies in establishing Medicare coverage for CMM;
- Describe the key goals of the MACRA legislation as they relate to value-based payment structures, and identify opportunities within this implementation process to advance clinical pharmacy practice and expand access to CMM services; and
- Explain why credentialing and privileging are essential to the ongoing effort to fully integrate clinical pharmacists into health care teams under evolving alternative payment models.

ACCP Business and Town Hall Meeting

October 8, 2:15 p.m. – 4:15 p.m.

Building a Patient-Centered Pharmacist Team to Achieve Medication Optimization

Moderator:

- C. Edwin Webb, Pharm.D., MPH, Associate Executive Director, *Director of Government and Professional Affairs, American College of Clinical Pharmacy, Washington, D.C.*

Speakers:

- Allyson Schlichte, Pharm.D., MBA, BCACP, *Medication Therapy Management Operations Lead and Provider, Fairview Health Services, Minneapolis, Minnesota*
- Trista Pfeifferberger, Pharm.D., *Director of Quality and Operations, Community Pharmacy Enhanced Services Networks, Hillsborough, North Carolina*
- Amina Abubakar, Pharm.D., *Pharmacist/Owner, Rx Clinic Pharmacy, Charlotte, North Carolina*

Late-Breaking Literature and Recent Developments in Clinical Pharmacy

October 10, 3:00 p.m. – 4:30 p.m.

Available for 1.5 hours of CPE credit.

Washington Leadership Changes to Health Care/Health Care Reform: Clinical Pharmacy Friend or Foe

Speaker:

- Paul T. Kelly, *Federal Group, Inc., Washington, D.C.*

For more information on any of ACCP's advocacy efforts, please contact:

John K. McGlew
Director, Government Affairs
American College of Clinical Pharmacy
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Suite 400
Washington, DC 20004-1017
(202) 621-1820
jmcglew@accp.com

ACCP Academy Fall Programming Regular Registration Deadline Fast-Approaching



Register now for ACCP Academy fall programming offered at the 2017 ACCP Annual Meeting, October 7–10, in Phoenix. Less than 1 week is left until the online registration deadline

Below is an abbreviated schedule of the modules offered at the meeting:

Leadership and Management

- Leadership Primer, I Saturday, October 7
- Leadership Primer, II Sunday, October 8
- Leadership Perspectives from Pharmacy Leaders: A Panel Discussion Monday, October 9
- Personal Leadership Development Monday, October 9
- Getting Things Done in Organizations Tuesday, October 10

Research and Scholarship

- Research Primer Saturday, October 7
- Survey Research: Instrument Design, Method Evaluation and Publishing Your Work Monday, October 9
- Research Basics Monday, October 9
- Health Outcomes PRN Focus Session – Design and Implementation of Health Outcomes Research Using Electronic Medical Records Tuesday, October 10

Teaching and Learning

- Teaching and Learning Primer Saturday, October 7
- Education and Training PRN Focus Session – Rethinking and Evaluating Critical Thinking Activities in Residency and Experiential Education Monday, October 9
- Enhancing Student Learning and Engagement Through an Interactive Presentation and Assessment Tool Monday, October 9
- Planning for Effective Teaching Tuesday, October 10

[Click here](#) to find detailed information and to enroll in the ACCP Academy.

[Click here](#) to register for the 2017 ACCP Annual Meeting. **The online registration deadline is Friday, September 22.**

2017 ACCP Clinical Pharmacy Challenge: Recognizing the Item-Author and Item-Review Committees and Exam Construct Review Panel

Please join ACCP in recognizing the service of the following members of the 2017 ACCP Clinical Pharmacy Challenge Item-Author, Item-Review, and Exam Construct Review Panel committees. We thank these members for sharing their expertise in developing the items used in this year's national pharmacy student team competition.

2017 ACCP Clinical Pharmacy Challenge Item-Author Committee

Craig Beavers, Pharm.D., BCPS, CACP	Adrianne Irwin, Pharm.D., BCACP
Erin Behnen, Pharm.D., BCPS	Samantha Jellinek-Cohen, Pharm.D., BCPS, CGP
Susan Bruce, Pharm.D., BCPS	David Johnson, Pharm.D., BCPS
Katie Cardone, Pharm.D., FNKF, BCACP	Denise Kolanczyk, Pharm.D., BCPS
Marshall Cates, Pharm.D., FASHP, BCPP	Kelly Lempicki, Pharm.D. Anne Marie Liles, Pharm.D., BCPS
Juliana Chan, Pharm.D., FCCP, BCACP	John Martello, Pharm.D., BCPS
Jennifer Clements, Pharm.D., BCPS, CDE	M. Shawn McFarland, Pharm.D.
Kelly Cochran, Pharm.D., BCPS	Andrew Miesner, Pharm.D., BCPS
Barret Crowther, Pharm.D.	April Miller Quidley, Pharm.D., FCCM, BCPS
Estella Davis, Pharm.D., BCPS	Anna Morin, Pharm.D. Megan Musselman, Pharm.D., BCPS, BCCCP
David DeRemer, Pharm.D., BCOP	Branden Nemecek, Pharm.D., BCPS
Karrie Derenski, Pharm.D., BCNSP, CNSC	Emily Peron, Pharm.D., M.S.
Amanda Eades, Pharm.D.	Hanna Phan, Pharm.D., FCCP
Alexander Flannery, Pharm.D., BCPS	Beth Phillips, Pharm.D., FCCP, BCPS
Holly Gurgle, Pharm.D.	Doreen Pon, Pharm.D., BCPS, BCOP
Mark Haase, Pharm.D., FCCP, BCPS	Danielle Rhyne, Pharm.D.
Thaddeus Hellwig, Pharm.D., BCPS	
Michelle Hilaire, Pharm.D., FCCP, BCPS	

Cindy Sanoski, Pharm.D., FCCP, BCPS	Jennifer Trofe-Clark, Pharm.D., FCCP, FAST
James Scott, Pharm.D., FCCP, AAHIVP	Lynn Nelson Wardlow, Pharm.D., BCPS-AQ ID
Kayce Shealy, Pharm.D., BCPS, BCACP	Abigail Yancey, Pharm.D., BCPS, BC-ADM, CDE
Kayla Stover, Pharm.D.	Nancy Yunker, Pharm.D., FCCP, BCPS
Jodi Taylor, Pharm.D., BCPS	

2017 ACCP Clinical Pharmacy Challenge Item-Review Committee

Jeffrey Barletta, Pharm.D.	Suzanne Nesbit, Pharm.D., BCPS, CPE
Allison Bernknopf, Pharm.D., BCPS	Daniel Riche, Pharm.D., BCPS, CDE
John Burke, Pharm.D., FCCP, BCPS	Krista Riche, Pharm.D., BCPS
Jacintha Cauffield, Pharm.D., BCPS	Sara Richter, Pharm.D., BCPS
Lingtak-Neander Chan, Pharm.D., FACN, BCNSP	David Ritchie, Pharm.D., FCCP, BCPS
Jennifer D'Souza, Pharm.D., BC-ADM, CDE	Curtis Smith, Pharm.D., BCPS
Tracy Hagemann, Pharm.D., FCCP	Zachary Stacy, Pharm.D., BCPS
Brian Hemstreet, Pharm.D., BCPS	Deborah Sturpe, Pharm.D., M.A., BCPS
Robert Kuhn, Pharm.D.	Michael Thomas, Pharm.D., BCPS
Sunny Linnebur, Pharm.D., FCCP, BCPS	James Tisdale, Pharm.D., FCCP, BCPS
Angela Maldonado, Pharm.D., BCPS	Katie Vogel Anderson, Pharm.D., BCACP
Jamie McConaha, Pharm.D., BCACP	Stacy Voils, Pharm.D., BCPS
Ila Harris, Pharm.D., FCCP, BCPS	Christine Walko, Pharm.D., BCOP
Donald Miller, Pharm.D., FASHP	Chris Wood, Pharm.D., FCCP, BCPS
John Murphy, Pharm.D., FCCP, FASHP	

2017 Exam Construct Review Panel

Sandra Benavides, Pharm.D., FCCP, FPPAG	John Murphy, Pharm.D., FCCP, FASHP
Amie Brooks, Pharm.D., FCCP, BCPS, BCACP	Andrew Smith, Pharm.D., BCPS

Save the Date: ACCP Updates in Therapeutics® 2018 to Feature Newly Added Programming!

Mark your calendar for the ACCP Updates in Therapeutics® 2018 meeting, to be held February 16–18, 2018, at the Hyatt Regency Jacksonville Riverfront hotel in Jacksonville, Florida.

Preparatory and Recertification Courses

The ACCP Updates in Therapeutics® preparatory review and recertification courses are designed for pharmacy professionals who are preparing for the specialty certification examinations administered by the Board of Pharmacy Specialties, specialists seeking recertification through continuing education, and those seeking a refresher of pharmacotherapeutic management of specialty-specific conditions and contemporary clinical practice topics. Attendees will have the option to attend preparatory review and recertification courses in the following areas:

- Ambulatory Care Pharmacy,
- Pharmacotherapy,
- Infectious Diseases Pharmacy (NEW), and
- Cardiology Pharmacy (NEW).

ACCP Academy Programming

The three ACCP Academy programs—Leadership and Management, Teaching and Learning, and Research and Scholarship—will be offered in conjunction with Updates in Therapeutics® 2018. These professional development sessions will consist of required and elective modules, according to preestablished course schedules.

New! Patient-Centered, Team-Based Care: Focus on Outpatient Practice

In addition to ACCP's preparatory/recertification courses and Academy programming, a new 3-day series of practice advancement programming will be held in Jacksonville. These sessions will combine a mix of plenaries and workshops with participant-contributed poster presentations and targeted "poster-team" walk-rounds. This is a one-of-a-kind learning opportunity for clinical pharmacists and trainees currently providing direct patient care in both primary care and specialty outpatient settings who wish to establish and/or enhance their services by implementing comprehensive medication management (CMM). Be among the first to benefit from research-tested learnings from ACCP's "CMM Effectiveness and Implementation" grant in this evidence-based, hands-on approach to preparing attendees to return to their practices with tools and implementable plans to advance clinical services.

Watch for the call for abstract submissions and the opening of meeting registration in October.

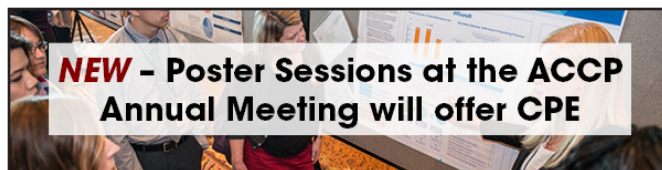
Prepare for a BCPS Exam with an ACCP Prep Course

Ambulatory Care Pharmacy

Critical Care Pharmacy

Pediatric Pharmacy

Pharmacotherapy



Outstanding Reviewers Recognized by Pharmacotherapy

Pharmacotherapy, the official journal of ACCP, retains many peer reviewers who determine which best-quality articles will be published. These reviewers provide an integral service to the journal by critically evaluating all manuscripts that are submitted. The best reviewers provide the highest-quality reviews consistently and in a timely manner. *Pharmacotherapy* is pleased to recognize three such reviewers: Christina L. Aquilante, Pharm.D., University of Colorado, Denver; Scott A. Chapman, Pharm.D., University of Minnesota; and Margie E. Snyder, Pharm.D., MPH, Purdue University. These three outstanding reviewers will be recognized at the 2017 ACCP Annual Meeting in Phoenix.

Launching the 2017 ACCP-PAC PRN Challenge



For the third consecutive year, ACCP is pleased to announce the launch of the **ACCP-PAC PRN Challenge**.

Consistent with the priorities set by ACCP's strategic plan and the College's organization-wide commitment to clinical practice transformation, ACCP's Washington, D.C., office has focused on an advocacy effort for the past 5 years that calls on Congress to enact legislation to provide Medicare patients with coverage for comprehensive medication management within the Part B medical benefit.

Now, ACCP is specifically calling on PRN members to demonstrate their commitment to the College's advocacy priorities through contributions to ACCP's Political Action Committee (ACCP-PAC). [Click here](#) to make a contribution today!

How the Challenge Works

The ACCP-PAC PRN Challenge will determine which PRN provides the greatest PAC support. PRN members who contribute to the PAC online will be given the option to designate a PRN to receive credit for their contribution.

- This year, the Challenge will recognize two winners:
 - The PRN whose members contribute the most money in total; and
 - The PRN with the highest percentage of members who contribute to the PAC.
- ACCP members who belong to several PRNs can contribute to many PRNs in the name of each PRN, but only one PRN can receive credit for any single contribution.
- Unlike contributions to the Frontiers Fund, ACCP-PAC cannot accept contributions directly from PRNs. All PAC contributions must be made by individuals from personal funds. Because of Federal Election Commission regulations, PAC contributions are NOT deductible as charitable donations for federal tax purposes and must be made from personal funds and/or post-tax dollars.
- To qualify for the Challenge, PRN members must contribute a minimum of \$5. However, to increase the funds available to give candidates, we urge PRN members to contribute at least \$25 to this effort.
- The winning PRN will be awarded coveted preferential timeslots for PRN business meetings at the next two ACCP Annual Meetings.
- The results will be announced at the 2017 ACCP Annual Meeting in October.
- Please contribute online at the [ACCP-PAC website](http://accp-pac.org).

We encourage PRN leaders and members to take time to highlight the Challenge in PRN meetings and online communications to PRN members. For more information, contact John McGlew (jmcglew@accp.com or 202-621-1820).

Who Receives ACCP-PAC Support?

All decisions regarding financial contributions to candidates are made by the ACCP-PAC Governing Council on the basis of certain established criteria:

- Position on key congressional health care committees;
- Proven support for pharmacy and health care-related issues; and
- Previous health care experience.

The key health care-related committees are the Ways and Means & Energy and Commerce committees in the House of Representatives and the Finance & Health, Education, Labor and Pensions (H.E.L.P.) committees in the Senate.

ACCP members who contribute to the PAC may recommend candidates to receive contributions. All PAC contributor recommendations will be considered; however, ACCP may not be able to accommodate all requests. The ACCP-PAC Governing Council must approve all candidate contributions.

As a federal committee, the ACCP-PAC can only contribute to candidates who are running for federal office (candidates for the U.S. House of Representatives or U.S. Senate, not state legislatures or gubernatorial races).

Thank you for supporting this important initiative. For more information, visit the [ACCP-PAC website](http://accp-pac.org) or e-mail John McGlew (jmcglew@accp.com).

2018 ACCP Committee and Task Force Selection Now Complete

After receiving the usual overwhelming number of responses to this summer's committee charge/volunteer services survey from ACCP member volunteers, president-elect Jill Kolesar has completed the process of impaneling committees for the upcoming year. Each committee will hold its first face-to-face meeting next month during the 2017 ACCP Annual Meeting in Phoenix. At press time, ACCP had confirmed all committee and task force appointments. However, if a member who expressed interest in committee service through this summer's survey was not selected, please note that ACCP will offer additional opportunities for members to volunteer for other College-related activities during the year (e.g., CV review, meeting abstract review, Clinical Pharmacy Challenge item writing) according to individual member responses received in this summer's survey. Look for e-mails from ACCP if you volunteered to provide non-committee service this year, in addition to open calls for selected new volunteer activities in future issues of the *ACCP Report*.

Member Recruiters

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

Melissa Badowski
Lindsey Bartos
Jennifer Bean
Christopher Bland
Bridget Bradley
Kristine Carrasco
Elias Chahine
Eddy Chan
Patrick Chan
Benjamin Chavez
Christine Cicci
Kristen Ditch
Emily Durr
Heba Edrees
Karen Farris

Agnes Ann Feemster
Ashley Flowers
Brian Fox
Mercedes Fraga
Megan Fritz
Katelyn Garner
Jeanne Gast-Jenquin
Sarah Grady
Cristina Hamacher
Stacey Hollen
Rachel Jenkins
Kaitlyn Jones
Samantha Karr
Patrick Leung
Dustin Linn

Ashley Lock
Mark Malesker
Scott Mambourg
Bradford McDaniel
Kyle Miller
Ivan Mok
Marlon Montoya
Branden Nemecek
Ann Marie Nye
Aakash Patel
Amber Peltier
Vivian Phan
Daniel Riche
Nicholas Schwier
John Scolaro

Michael Simpson
Anna Slavinsky
Alexis Spence
Rebecca Stone
Jenna Swindler
Roman Timoshchenko
Ashley Turk
Kyle Turner
Katherine Vogel Anderson
Erin Wilson
Jim Winegardner
Yu Yeung Wong
Eric Wright
Kyeong Yoo



The poster for ACCP Updates in Therapeutics 2018 features the ACCP logo on the left, a large orange flower on the right, and a photograph of the Jacksonville skyline and bridge. The text is organized into sections: Featured Prep Courses, Plus, and Programs | Workshops | Posters.

ACCP
American
College of
Clinical Pharmacy

ACCP Updates in Therapeutics® 2018
February 16-18, 2018
Jacksonville, Florida

Featured Prep Courses:
Ambulatory Care Pharmacy Preparatory Review and Recertification Course
Cardiology Pharmacy Preparatory Review Course **NEW!**
Infectious Diseases Pharmacy Preparatory Review Course **NEW!**
Pharmacotherapy Preparatory Review and Recertification Course

Plus
ACCP Academy Programming
ACCP's Patient-Centered, Team-Based Care: Focus on Outpatient Practice **NEW!**

Programs | Workshops | Posters