

SCSHP Annual Meeting: Learning Objectives for Pharmacists and Pharmacy Technicians

Thursday, March 12

Combined Track

<p>8:00 am – 9:00 am</p>	<p><b>Impact of Clinician Burnout on Patient Safety: Journey to a Resilient &amp; Thriving Healthcare Workforce</b>  <b>Paul W. Abramowitz, Pharm.D., Sc.D. (Hon), FASHP; Chief Executive Officer; ASHP</b>  <i>ACPE UANs 0062-9999-20-084-L04-P/T (1 hour, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist and pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Define burnout, well-being, and resilience</li> <li>2. Explain why clinician burnout is a patient care and healthcare workforce problem</li> <li>3. Discuss the U.S. National Academy of Medicine Clinician Well-Being and Resilience Action Collaborative and consensus study</li> <li>4. Identify strategies to improve well-being and resilience in the healthcare workforce</li> </ol>
<p>9:00 am - 10:00 am</p>	<p><b>Beyond Diversity and Inclusion 101</b>  <b>Dr. B. DaNine J. Fleming, EdS, EdD; Associate Professor, Director of Training and Intercultural Education, and Unconscious Bias Faculty Scholar; Medical University of South Carolina</b>  <i>ACPE UANs 0062-9999-20-085-L04-P/T (1 hour, application-based)</i>  <i>At the completion of this activity, the pharmacist and pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Recognize that diversity promotes healthier leadership and decision-making;</li> <li>2. Define implicit biases and their pervasiveness</li> <li>3. Examine the impact of mitigating implicit bias on decisions in healthcare and education</li> </ol>
<p>10:30 am – 11:30 am</p>	<p><b>Top 10 Infectious Diseases Topics of 2019</b>  <b>Brandon Bookstaver, PharmD, FCCP, FIDSA, BCPS, AAHIVP; Associate Professor; Infectious Diseases Pharmacist; University of South Carolina College of Pharmacy; Prisma Health Midlands</b>  <i>ACPE UANs 0062-9999-20-086-L01-P/T (1.0 hours, application-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Apply updated infectious diseases treatment guidelines and policies to antimicrobial recommendations</li> <li>2. Analyze clinical implications of peer-reviewed infectious diseases literature</li> <li>3. Determine the role of newly approved antimicrobials</li> <li>4. Acknowledge emerging pathogens both nationally and globally</li> <li>5. Discuss changes in roles and responsibilities of pharmacists in managing infectious diseases</li> </ol> <p><i>At the completion of this activity, the pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify the importance of infectious diseases treatment guidelines and policies</li> <li>2. Recognize newly approved antimicrobials</li> <li>3. Identify emerging pathogens both nationally and globally</li> <li>4. Examine opportunities for pharmacy technicians to impact the management of infectious diseases</li> </ol>
<p>11:30 am- 1:00 pm</p>	<p><b>Teaching Points from a Family Medicine Rounding Service</b>  <b>Kathryn Rice, PharmD, BCPS; Assistant Professor of Pharmacy Practice; South University School of Pharmacy</b>  <i>ACPE UANs 0062-9999-20-087-L01-P/T (1.5 hours, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify patients who would be appropriate candidates for high-dose intravenous thiamine replacement</li> <li>2. Recognize when a short-course corticosteroid regimen may require a taper</li> <li>3. Explain the unreliability of subgroup analyses</li> </ol>

**SCSHP Annual Meeting: Learning Objectives for Pharmacists and Pharmacy Technicians**

	<p><i>At the completion of this activity, the pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Recognize high-dose intravenous thiamine replacement</li> <li>2. Identify when a short-course corticosteroid regimen may require a taper</li> <li>3. Explain the unreliability of subgroup analyses</li> </ol>
<p>1:30 pm – 2:30 pm</p>	<p><b>To “Heart” Fail or Not? The Question regarding SGLT-2 inhibitors</b>  <b>Jennifer Clements, PharmD, FCCP, BCPS, CDE, BCACP; Clinical Pharmacist - Diabetes Transition; Spartanburg Regional Healthcare System</b>  <i>ACPE UANs 0062-9999-20-088-L01-P/T (1 hour, application-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Explain the mechanism of action for sodium glucose co-transporter 2 (SGLT-2) inhibitors</li> <li>2. Critically evaluate the published literature regarding SGLT-2 inhibitors on heart failure (HF) outcomes</li> <li>3. Formulate a treatment regimen with a SGLT-2 inhibitor for a patient with type 2 diabetes mellitus (T2DM) and HF</li> </ol> <p><i>At the completion of this activity, the pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Explain the mechanism of action for sodium glucose co-transporter 2 (SGLT-2) inhibitors</li> <li>2. Summarize the potential benefit of SGLT-2 inhibitors on heart failure (HF) outcomes</li> <li>3. Determine appropriate counseling points with a SGLT-2 inhibitor for a patient with type 2 diabetes mellitus (T2DM) and HF</li> </ol>
<p>2:30 pm – 3:30 pm</p>	<p><b>Clinical Pharmacy Challenge: Part 1</b>  <b>Moderator: Brandon Bookstaver, PharmD, FCCP, FIDSA, BCPS, AAHIVP; Associate Professor, University of South Carolina College of Pharmacy; ID Pharmacist, Prisma Health Midlands</b>  <i>ACPE UANs 0062-9999-20-089-L01-P/T (1 hour, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist and pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Recall pharmacy trivia related to pharmacology, pharmacokinetics, pharmacodynamics, pharmacogenomics, clinical pharmacy history, biostatistics, and health outcomes</li> <li>2. Summarize clinical knowledge in response to a case vignette using supporting laboratory, physical examination, and medical history information</li> <li>3. Discuss numerous drug therapy and specialty areas through response to pharmacotherapy questions</li> </ol>
<p>4:00 pm – 5:00 pm</p>	<p><b>Platform Presentations: 2020</b></p> <ul style="list-style-type: none"> <li>• <b>Effect of pharmacist-led educational interventions on proton pump inhibitor de-prescribing in an inpatient psychiatric facility – Anju Balani, PharmD Candidate, Presbyterian College School of Pharmacy</b></li> <li>• <b>Cyclin-dependent kinase 8/19 inhibitors suppress the metastatic growth of secondary tumor cells ex vivo – Stephan Bowe, PharmD Candidate, USC College of Pharmacy</b></li> <li>• <b>Comparative Monte Carlo analysis of cefepime/VNRX-5133 and meropenem/vaborbactam against resistant Gram-negative pathogens – Meghan White, PharmD Candidate, MUSC College of Pharmacy</b></li> </ul> <p><i>ACPE UANs 0062-9999-20-090-L04-P/T (1 hour, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist and pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Discuss emerging research outcomes from throughout the state of South Carolina</li> <li>2. Recognize novel ideas for research and quality initiative projects in your pharmacy practice areas</li> <li>3. Review pivotal results from local investigations across the state of South Carolina</li> </ol>

## SCSHP Annual Meeting: Learning Objectives for Pharmacists and Pharmacy Technicians

5:00 pm – 5:30 pm	<p><b>Clinical Pharmacy Challenge: Part 2</b>  <b>Moderator: Brandon Bookstaver, PharmD, FCCP, FIDSA, BCPS, AAHIVP; Associate Professor, University of South Carolina College of Pharmacy; ID Pharmacist, Prisma Health Midlands</b></p> <p><i>ACPE UANs 0062-9999-20-091-L01-P/T (0.5 hours, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist and pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Recall pharmacy trivia related to pharmacology, pharmacokinetics, pharmacodynamics, pharmacogenomics, clinical pharmacy history, biostatistics, and health outcomes</li> <li>2. Summarize clinical knowledge in response to a case vignette using supporting laboratory, physical examination, and medical history information</li> <li>3. Discuss numerous drug therapy and specialty areas through response to pharmacotherapy questions</li> </ol>
----------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### Director's/Manager's Workshop

12:00 pm – 1:00 pm	<p><b>Pharmacy Automation....You Must Assimilate!</b>  <b>Bradley White, RN, PharmD; Assistant Director of Pharmacy Services ; McLeod Regional Medical Center</b></p> <p><i>ACPE UAN 0062-9999-20-092-L04-P (1 hour, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify the need for pharmacy automation in hospital pharmacies</li> <li>2. Examine the areas and types of automation available</li> <li>3. Discuss the pro's and con's of the types of automation used in various areas in the hospital pharmacy setting</li> </ol>
2:30 pm – 3:30 pm	<p><b>We need to talk: Having difficult conversations with learners on rotation</b>  <b>Mary Douglass Smith, PharmD; Director of Experiential Education; Presbyterian College School of Pharmacy</b></p> <p><i>ACPE UAN 0062-9999-20-093-L04-P (1 hour, application-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify potential areas of conflict while precepting students and/or residents.</li> <li>2. Describe effective methods for giving constructive feedback to learners.</li> <li>3. Apply literature-based and practical strategies to confronting difficult learners.</li> </ol>
3:30 pm – 4:30 pm	<p><b>Integrative Health Pharmacy: Recommended Resources &amp; Battling Burnout</b>  <b>Swathi Varanasi, PharmD; Integrative Health Pharmacist; Medical Cannabis Consultant; PharmSupplement LLC</b></p> <p><i>ACPE UAN 0062-9999-20-094-L04-P (1 hour, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Discuss the pharmacist's role in integrative health</li> <li>2. Demonstrate strategies to use integrative health resources as a hospital pharmacist</li> <li>3. Identify the impact of hospital pharmacist training in natural medicines on patient and job satisfaction</li> </ol>

**SCSHP Annual Meeting: Learning Objectives for Pharmacists and Pharmacy Technicians**

**Friday, March 13**

**Combined Track**

<p>8:00 am – 9:00 am</p>	<p><b>Combating the Opioid Crisis in South Carolina</b>  <b>Douglas Furmanek, PharmD BCCCP; Director, Clinical Pharmacy Services; Prisma Health - Upstate</b>  <i>ACPE UANs 0062-9999-20-095-L08-P/T (1 hour, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist and pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Review the history of opioid use and the impact of the current opioid epidemic in the U.S.</li> <li>2. Discuss pain management strategies that health care practitioners can use in light of the opioid epidemic</li> <li>3. Review the path to opioid use disorder (OUD) and key preventative strategies that everyone can employ to reduce the risk of opioid overdose</li> </ol>
<p>9:00 am - 10:00 am</p>	<p><b>Bloody Hell!! Updates in the Treatment of Bloodstream Infections</b>  <b>Krutika N. Mediwala, PharmD, BCPS, BCIDP; Clinical Pharmacy Specialist – Infectious Diseases/Antimicrobial Stewardship; MUSC Health</b>  <i>ACPE UANs 0062-9999-20-096-L01-P/T (1 hour, application-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Evaluate the role of newer, carbapenem-sparing agents for the treatment of resistant Gram-negative bloodstream infections (BSI)</li> <li>2. Identify and assess candidates for shorter durations of therapy for BSIs</li> <li>3. Evaluate and apply recent literature for oral antibiotics in BSIs</li> </ol> <p><i>At the completion of this activity, the pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Recognize newer, carbapenem-sparing agents for the treatment of resistant Gram-negative bloodstream infections (BSI)</li> <li>2. Discuss use of oral antibiotics in BSIs</li> </ol>
<p>10:30 am – 11:30 am</p>	<p><b>Pharmacist Code Response: ACLS and Beyond</b>  <b>Lizzy Robinette, PharmD, BCCCP; Trauma Surgical ICU Pharmacy Specialist; McLeod Health</b>  <i>ACPE UANs 0062-9999-20-097-L01-P/T (1 hour, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Demonstrate knowledge of Advanced Cardiac Life Support (ACLS) algorithms per the American Heart Association (AHA) guidelines</li> <li>2. Discuss the evidence behind interventions in cardiac arrest and determine which interventions are most likely to positively impact patient outcomes</li> <li>3. Describe the possible future of cardiac arrest care based on emerging evidence</li> </ol> <p><i>At the completion of this activity, the pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Discuss Advanced Cardiac Life Support (ACLS) algorithms per the American Heart Association (AHA) guidelines</li> <li>2. Recognize interventions in cardiac arrest which are most likely to positively impact patient outcomes</li> <li>3. Describe the possible future of cardiac arrest care based on emerging evidence</li> </ol>
<p>11:30 am - 12:30 pm</p>	<p><b>Should What's Old Be New Again?: Old Drugs Repurposed for Septic Shock</b>  <b>Carolyn A. Magee, PharmD, BCCCP; Clinical Pharmacy Specialist-Medical Surgical ICU; Medical University of South Carolina</b>  <i>ACPE UANs 0062-9999-20-098-L01-P/T (1 hour, application-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Describe the mechanisms of action for ascorbic acid, thiamine, and angiotensin II for the treatment of septic shock</li> </ol>

**SCSHP Annual Meeting: Learning Objectives for Pharmacists and Pharmacy Technicians**

	<ol style="list-style-type: none"> <li>2. List the possible pros and cons of using ascorbic acid, thiamine, and angiotensin II for a patient with septic shock</li> <li>3. Design appropriate monitoring parameters when prescribed ascorbic acid, thiamine, and angiotensin II, given a patient in septic shock</li> </ol> <p><i>At the completion of this activity, the pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Recognize current dosing strategies for ascorbic acid, thiamine, and angiotensin II</li> <li>2. Describe the cost and preparation concerns for ascorbic acid, thiamine, and angiotensin II</li> <li>3. List the possible pros and cons of using ascorbic acid, thiamine, and angiotensin II for a patient with septic shock</li> </ol>
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Pharmacist Track**

<p>2:30 pm - 3:30 pm</p>	<p><b>Resident Rapid Fire, Part 1</b></p> <ul style="list-style-type: none"> <li>• <b>Community-Acquired Pneumonia Duration of Therapy</b> - Rebecca Howell, PharmD, RN; PGY1 Pharmacy Resident; Spartanburg Medical Center</li> <li>• <b>HELLP me! Is this preeclampsia?</b> - Robin Fischer, PharmD; PGY1 Pharmacy Resident; McLeod Regional Medical Center</li> <li>• <b>The Nose Knows: Utilization of the MRSA PCR Nasal Swab in more than just Pneumonia</b> - Jasmine E. Manning, MPH, PharmD; Pharmacy Resident ; Prisma Health- Richland</li> </ul> <p><i>ACPE UAN 0062-9999-20-099-L01-P (1 hour, knowledge-based)</i></p> <p><i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Determine the appropriate duration of therapy for community-acquired pneumonia (CAP)</li> <li>2. Summarize the evidence regarding duration of therapy for CAP</li> <li>3. Define gestational hypertension, preeclampsia and HELLP</li> <li>4. Identify the most common risk factors for preeclampsia</li> <li>5. Review current guidelines and literature for the utilization of the MRSA-PCR nasal swab</li> <li>6. Identify appropriate non-respiratory related illnesses in which MRSA-PCR nasal swab can be utilized to guide antibiotic therapy"</li> </ol>
<p>3:45 pm - 4:45 pm</p>	<p><b>Resident Rapid Fire, Part 1</b></p> <ul style="list-style-type: none"> <li>• <b>Clinical Controversies in the Emergent Treatment of Hyperkalemia</b> - Reagan Erickson, PharmD; Pharmacy Resident; Spartanburg Medical Center</li> <li>• <b>Worth A Shot?: A Discussion On A Novel Migraine Injectible</b> - Melanie Routhieaux, PharmD, BCPS; PGY2 Psychiatric Pharmacy Resident; Columbia VA Health Care System</li> <li>• <b>The Basics of Diabetes Technology: CGMs</b> - Kennedy Gambill, PharmD; PGY1 Pharmacy Resident ; Spartanburg Medical Center</li> <li>• <b>Let's Talk about TEG</b> - Hannah Green, PharmD; PGY1 Pharmacy Practice Resident; McLeod Regional Medical Center</li> </ul> <p><i>ACPE UAN 0062-9999-20-100-L01-P (1 hour, knowledge-based)</i></p> <p><i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Recommend low-dose insulin regimens for high-risk patients with hyperkalemia</li> <li>2. Evaluate the potential role of potassium binders in the emergent treatment of hyperkalemia</li> <li>3. Identify the current available preventative migraine treatment options</li> <li>4. Evaluate the literature available for erenumab to determine its place in therapy</li> </ol>

## SCSHP Annual Meeting: Learning Objectives for Pharmacists and Pharmacy Technicians

	<ol style="list-style-type: none"> <li>5. Determine the appropriate utilization of continuous glucose monitoring in diabetes care</li> <li>6. Discuss thromboelastography (TEG) use and the interpretation of results in the setting of hemorrhage</li> </ol>
4:45 pm - 5:45 pm	<p><b>Precepting is a lot: tips and tools from a drug information faculty member</b>  <b>Christopher S. Wisniewski, PharmD, MSCR, BCPS; Associate Professor ; Medical University of South Carolina College of Pharmacy</b>  <i>ACPE UAN 0062-9999-20-101-L04-P (1 hour, knowledge-based)</i>  <i>At the completion of this activity, the pharmacist will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify drug information topics and resources taught in didactic pharmacy curricula</li> <li>2. Recognize common learning theories</li> <li>3. Discover methodologies utilized on a successful rotation</li> <li>4. Utilize available tools to maintain a current pharmacy knowledge base</li> </ol>

### Technician Track

2:30 pm - 3:30 pm	<p><b>Hand Hygiene and Pharmacy Technicians</b>  <b>Candice B. Geiger, M.Ed, CPhT; Pharmacy Technician Program Director; Midlands Technical College</b>  <i>ACPE UAN 0062-9999-20-102-L05-T (1 hour, knowledge-based, patient safety)</i>  <i>At the completion of this activity, the pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Define germ theory of disease</li> <li>2. Discuss handwashing technique</li> <li>3. Discuss hand sanitizer application technique</li> </ol>
3:45 pm - 4:45 pm	<p><b>Holistic Therapies and Legal Oversight</b>  <b>Kristy Brittain, PharmD, BCPS, CDE; Associate Professor, Clinical Pharmacy Specialist; MUSC College of Pharmacy &amp; MUSC Health</b>  <i>ACPE UAN 0062-9999-20-030-L03-T (1 hour, knowledge-based, law)</i>  <i>At the completion of this activity, the pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Define complementary, alternative and integrative medicine practices</li> <li>2. Discuss the regulation of natural products, including associated laws that govern the sale of natural products</li> <li>3. Discuss legal implications associated with the use and sale of CBD</li> </ol>
4:45 pm - 5:45 pm	<p><b>Asthma &amp; COPD Update</b>  <b>Kristy Brittain, PharmD, BCPS, CDE; Associate Professor, Clinical Pharmacy Specialist; MUSC College of Pharmacy &amp; MUSC Health</b>  <i>ACPE UAN 0062-9999-20-033-L01-T (1 hour, knowledge-based)</i>  <i>At the completion of this activity, the pharmacy technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify new medications and devices for use in asthma and COPD</li> <li>2. Discuss associated drug information for medications and devices regarding storage, administration, dispensing and adherence</li> <li>3. Discuss the role of the pharmacy technician in improving patient adherence to asthma and COPD medications</li> </ol>

## SCSHP Annual Meeting: Learning Objectives for Pharmacists and Pharmacy Technicians



**CONTINUING EDUCATION ACCREDITATION INFORMATION:** The University of South Carolina College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The **target audience** for these continuing education activities is pharmacists and



pharmacy technicians who are engaged in health-systems pharmacy practice. Please see each session for CE available for pharmacists and/or technicians, faculty information, ACPE UANs, learning objectives, and CEU designations. To claim CE credit, participants must attend sessions in their entirety (no partial credit will be awarded) and must participate in all active learning activities and learning assessments. Participants must turn in a CE sign in sheet with all activities attended at the registration desk and must follow the Instructions to Claim Credit provided. This includes completing program and speaker evaluations online and providing their NABP e- Profile ID and day/month of birth within 30 days. Any credit not claimed within 60 days of the live event will be rejected by the NABP CPE Monitor.

**REGISTRATION AND FEES:** Please visit <https://scshp.com/events/> to register for the meeting. All current information regarding registration fees are available.