

**Location:** University of South Carolina College of Pharmacy  
Coker Life Sciences Building Room 215, 715 Sumter Street, Columbia, SC 29208

**Target Audience:** Pharmacists and Pharmacy Technicians

**Topics & Faculty:** See page 2 for full program agenda and learning objectives!

**Live Programming (6 hours)**



**Overcoming Migraines:  
Novel Medications to Treat  
and Prevent Migraines**

**Betsy Blake, PharmD, BCPS**

Clinical Associate Professor and Director of Interprofessional Education, UofSC COP; Co-Chair, Interprofessional Education for the Health Sciences, UofSC



**New Approaches to Pain  
Management: Multimodal  
Opioid-Free Analgesia**

**Michaela Almgren, PharmD, MS**

Clinical Assistant Professor, UofSC COP



**Dementia and Behavioral  
Disturbances in the  
Geriatric Population**

**Karen McGee, PharmD, CDE, BCGP**

Clinical Associate Professor, UofSC COP;  
Clinical Pharmacist, Prisma Health SeniorCare PACE



**The Value of Integrating  
Pharmacists into Primary  
Care**

**Patricia H. Fabel, PharmD, BCPS**

Executive Director, Kennedy Pharmacy Innovation Center;  
Clinical Associate Professor, UofSC COP



**Top 10 Infectious Diseases  
Topics of 2019**

**Brandon Bookstaver, PharmD, FCCP, FIDSA, BCPS**

Associate Professor and Director of Residency & Fellowship Training, UofSC COP; Infectious Diseases PGY2 & Clinical Fellowship Director, Prisma Health Richland

**Home Study Programming Available to All Registrants (1 hour)**



**Immunized People 2020:  
An Immunization Update**

**Kathryn N. Anderson, PharmD**

PGY1 Community Pharmacy Resident, Medicine Mart Pharmacy

**Registration:** Register online at <https://cop.sc.learningexpressce.com>  
Registration will remain open until **Friday, January 24, 2020 at 8:00 am**

*Note: Fees include continental breakfast and lunch*

	Pharmacists**	Pharmacy Technicians
<b>Single day, prior to January 6, 2020*</b>	\$130	\$85
<b>Both days (2/1 and 2/22), prior to January 6, 2020*</b>	\$230	\$140

\*All registration fees will increase by \$20 after January 6, 2020.

\*\*PEEP Preceptors: Check your email for information from the PEEP Office on discounted registration!

*Fees will appear as "Learning Express" on your credit card statement*

**Cancellations:** UofSC COP reserves the right to cancel the entire program. In the event of a cancellation, each participant will be notified via email prior to the program and a full tuition refund will be made. All refunds should be requested in writing on or before January 17, 2020 and will be subject to a 7.5% administrative fee. No cancellation requests will be accepted after January 17, 2020.

**Accreditation:** The University of South Carolina College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.



This program has been accredited for 6.0 live contact hours (0.6 CEUs) and 1.0 home study contact hour (0.1 CEU) for pharmacists and pharmacy technicians. Five live hours qualify as "drug therapy or patient management", with one live hour designed to combat the opioid epidemic through pain management and "approved procedures for monitoring controlled substances". The home study hour serves as an immunization update for immunizing pharmacists and will qualify as "drug therapy or patient management".

Participants must sign in at the program and have attendance verified. Participants must complete online evaluations within 30 days to facilitate transmission to the CPE Monitor. Failure to provide correct and/or complete information may result in your activity not being reported to the CPE Monitor. ACPE requires that all credit be claimed and reported within 60 days after the live event or completion of the home study.

## Full Program Agenda and Learning Objectives:

<b>8:00 am-8:30 am: Registration/Check-In and Welcome</b> ( <i>Light continental breakfast provided</i> )	
<b>8:30 am-10:00 am</b> 	<p style="text-align: center;"><b>Overcoming Migraines: Novel Medications to Treat and Prevent Migraines</b>  <b>Betsy Blake, PharmD, BCPS</b>  <i>(1.5 hours, ACPE UAN 0062-0000-20-002-L01-P/T, application-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. Describe migraine headaches and the criteria for diagnosis</li> <li>2. Discuss lifestyle modifications to decrease migraine episodes</li> <li>3. Review the evidence for new and existing therapies to treat and prevent migraines</li> <li>4. Demonstrate the appropriate administration of injectable migraine therapies</li> </ol> <p><i>At the completion of this activity, the technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Describe migraine headaches</li> <li>2. Discuss lifestyle modifications to decrease migraine episodes</li> <li>3. Review medications to treat and prevent migraines</li> <li>4. Demonstrate the appropriate administration of injectable migraine medications</li> </ol>
<b>10:00 am-10:15 am: Break</b>	
<b>10:15 am-11:15 am</b> 	<p style="text-align: center;"><b>New Approaches to Pain Management: Multimodal Opioid-Free Analgesia</b>  <b>Michaela Almgren, PharmD, MS</b>  <i>(1.0 hours, ACPE UAN 0062-0000-20-003-L01-P/T, 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. Review the impact of the opioid epidemic in the U.S. and SC</li> <li>2. Discuss the pathophysiology of pain</li> <li>3. Describe different types of pain and current treatment protocols</li> <li>4. Define preemptive, preventive and multimodal analgesia</li> <li>5. Explain the use of multimodal analgesia as an alternative to opioids</li> </ol> <p><i>At the completion of this activity, the technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Review the impact of the opioid epidemic in the U.S. and SC</li> <li>2. Discuss the pathophysiology of pain</li> <li>3. Describe different types of pain and current treatment protocols</li> <li>4. Define preemptive, preventive and multimodal analgesia</li> <li>5. Explain the use of multimodal analgesia as an alternative to opioids</li> </ol>
<b>11:15 am-12:15 pm</b> 	<p style="text-align: center;"><b>Dementia and Behavioral Disturbances in the Geriatric Population</b>  <b>Karen McGee, PharmD, CDE, BCGP</b>  <i>(1.0 hours, ACPE UAN 0062-0000-20-004-L01-P/T, application-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. Classify common types of dementia</li> <li>2. Review medications of choice for memory loss and agitation associated with dementia</li> <li>3. Evaluate patient cases and develop care plans that emphasize patient safety</li> </ol> <p><i>At the completion of this activity, the technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Classify common types of dementia</li> <li>2. Review medications of choice for memory loss and agitation associated with dementia</li> <li>3. Evaluate patient cases and support patient care plans that emphasize patient safety</li> </ol>
<b>12:15 pm-1:30 pm: Lunch</b> ( <i>Provided</i> )	
<b>1:30 pm-2:30 pm</b> 	<p style="text-align: center;"><b>The Value of Integrating Pharmacists into Primary Care</b>  <b>Patricia H. Fabel, PharmD, BCPS</b>  <i>(1.0 hours, ACPE UAN 0062-0000-20-005-L04-P/T, 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. Recognize the benefit of incorporating a pharmacist into primary care settings for the management of high blood pressure, high cholesterol and diabetes</li> <li>2. Describe the economic feasibility of integrating a pharmacist into primary care settings</li> </ol> <p><i>At the completion of this activity, the technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Recognize the benefit of incorporating a pharmacist into primary care settings for the management of high blood pressure, high cholesterol and diabetes</li> <li>2. Describe the economic feasibility of integrating a pharmacist into primary care settings</li> <li>3. Discuss opportunities for pharmacy technicians to support pharmacy-based services in primary care settings</li> </ol>
<b>2:35 pm-4:05 pm</b> 	<p style="text-align: center;"><b>Top 10 Infectious Diseases Topics of 2019</b>  <b>Brandon Bookstaver, PharmD, FCCP, FIDSA, BCPS</b>  <i>(1.5 hours, ACPE UAN 0062-0000-20-006-L01-P/T, application-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. 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 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>
<b>4:05 pm: Evaluation Instructions; Adjourn</b>	
<b>Home Study</b> 	<p style="text-align: center;"><b>Immunized People 2020: An Immunization Update</b>  <b>Kathryn N. Anderson, PharmD</b>  <i>(1.0 hours, ACPE UAN 0062-0000-20-013-H06-P/T, 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. Identify strategies to improve immunization rates</li> <li>2. Review recently published immunizations efficacy studies</li> <li>3. Determine a patient's immunization needs based on disease states, exposures, and immunization history through a patient case</li> </ol> <p><i>At the completion of this activity, the technician will be able to:</i></p> <ol style="list-style-type: none"> <li>1. Identify strategies to improve immunization rates</li> <li>2. Recall risk factors for vaccine preventable diseases</li> <li>3. Summarize updates to national immunization recommendations</li> </ol>

Please contact us at [CE@cop.sc.edu](mailto:CE@cop.sc.edu) or 803-777-9979 with any questions!