USC Advanced Practice Pharmacist (APP)
Certificate Program: Optimizing Health Outcomes for Complex Patients through Comprehensive Medication Management
A Practice-Based Training Program for Pharmacists
28 hours of CE (20 hours of Self-Study and 8 hours of Live training)

The USC School of Pharmacy recently completed a $12 million grant as part of the Center for Medicare and Medicaid Innovation Healthcare Innovation Award (CMMI HCIA). The knowledge and experience from this program, and nearly 30 years of primary care practice experience in multiple health systems including VA, private practice, and Federally Qualified Health Centers, has been incorporated into an Advanced Practice Pharmacist training program meeting the California Board of Pharmacy certification requirements. This program will provide participants with key insights into how to provide a high-impact comprehensive medication management (CMM) service aligned with health system priorities. Advanced Practice Pharmacist skills will be applied to managing metabolic syndrome, depression, and asthma/COPD. The program involves 20 hours of online education and 8 hours of live instruction that includes motivational interviewing, active case management, and 4 OSCE (Objective Structured Clinical Examination) stations.

**Live Date:** Saturday, August 3, 2019  
**Time:** 8:00am – 6:00pm (Check-in begins at 7:00am)  
**Location:** USC School of Pharmacy (1985 Zonal Ave, Los Angeles 90089)  
**Target Audience:** Health-system pharmacists interested in pursuing advanced practice skills  
**Goal:** To prepare participants to identify, stratify, evaluate, and manage high-risk patients with poorly-controlled chronic conditions  

**Objectives:** After completing the online study modules, participating in the live program, and passing the comprehensive final examination, a participant will be able to:

1. Differentiate CMM from MTM and services provided in a traditional outpatient pharmacy  
2. Propose methods of maximizing CMM efficiency and productivity during patient assessment, management, referral, and care collaboration  
3. Defend the alignment between CMM and priorities of potential health system partners and stakeholders  
4. Explain the enablers for pharmacists in California and select other states that support the uptake and spread of CMM  
5. Compare methods of funding CMM services ranging from fee for service to value-based payments  
6. Evaluate gaps in medication-related quality and/or safety for a given organization that can be managed by CMM  
7. Develop a plan for CMM implementation or advancement that aligns with healthcare payers and providers  
8. Compare and contrast the pharmacologic treatment recommendations in the ADA and AACE Guidelines  
9. Given a patient case, initiate, modify, or discontinue pharmacotherapy and order appropriate laboratory tests to achieve A1c and blood glucose goals in accordance with evidence-based guidelines  
10. Discuss the clinical presentations of metabolic syndrome, comorbid conditions and their management strategies  
11. Propose management strategies for severe hypoglycemia or hyperglycemia to ensure patient safety  
12. Apply the results of landmark clinical trials to a given patient case to design the most appropriate treatment plan  
13. Compare and contrast antihypertensive agents based on their pharmacologic effects, monitoring parameters, and clinically relevant adverse drug events  
14. Design optimal and evidence based antihypertensive treatment regimens based on age, comorbid conditions, labs, and blood pressure goals  
15. Differentiate optimal evaluation and management strategies among diverse patients with metabolic syndrome  
16. Counsel a patient on appropriate use, drug interactions and expectations of antihypertensive, antidepressant, lipid-lowering, or antihyperglycemic agents  
17. Employ appropriate descriptors in documenting components of the mental status examination in a progress note  
18. Formulate questions to illicit suicide risk factors in patients who present with depressive symptoms  
19. Given a patient vignette, judge when symptoms warrant referral to a specialist for further evaluation and treatment  
20. Explain the significance of neuropsychiatric comorbidities (e.g., PTSD, anxiety, pain, persistent insomnia, and substance use disorders) on the treatment and course of major depression  
21. Distinguish clinically significant differences among SSRIs with regard to dosing, tolerability, and drug interactions  
22. Appraise a medication regimen to determine if a patient has received optimal pharmacotherapy for depression  
23. Distinguish the core pathophysiologic features between asthma and COPD  
24. Develop a strategy for avoidance and management of asthma exacerbation triggers  
25. Collect components necessary to develop a personalized action plan for asthma or COPD  
26. Interpret subjective and objective information from a patient with obstructive airway disease to classify level of disease control  
27. Construct a patient-specific asthma or COPD action plan that includes collaboration with multiple providers  
28. Discuss specific ways to incorporate the spirit of motivational interviewing into patient care  
29. Interview a patient using motivational interviewing strategies and techniques  
30. Perform individualized medication counseling for a complex patient utilizing the spirit of motivational interviewing
Seminar Agenda

• Check-in/Registration/Breakfast
• Framing the day/CMM
• Metabolic Syndrome
• Question and Answer Session
• Depression
• Asthma
• Lunch (boxed lunch provided)
• Motivational Interviewing/Patient Cases
• Question and Answer Session
• OSCE – Skills Assessment: Physical Assessment/Heart Lung
• OSCE – Skills Assessment: Mental Status Exam – PHQ-9
• OSCE – Skills Assessment: Spirometer/Devices
• OSCE – Standardized Patient Assessment-CMM

Presented by:

Michelle Lee Chu, Pharm.D., BCACP, APh
Assistant Professor of Clinical Pharmacy
Ambulatory Care Pharmacist
USC School of Pharmacy

Julie A. Dopheide, Pharm.D., BCPP, FASHP
Professor of Clinical Pharmacy, Psychiatry and Behavioral Sciences
USC School of Pharmacy

Katherine Johnson, Pharm.D.
Clinical Staff Pharmacist
USC School of Pharmacy

Activity Fee: $1,000 general tuition / $800 for USC School of Pharmacy alumni and preceptors with discount code.
*For more information and to register contact: Diane Yoon at 323.442.2403/ pharmce@usc.edu

Disclosure Statement: The speakers have indicated no financial conflicts of interest.

The University of Southern California School of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The USC Advanced Practice Pharmacist (APP) Certificate Program: Optimizing Health Outcomes through Comprehensive Medication Management is a practice-based program for pharmacists developed by the USC School of Pharmacy’s faculty and office of Continuing Professional Development.

Release Date home study: 9/05/2017; expiration date: 9/05/2020. Successful completion of the live seminar component, which is 8/3/19, involves passing the final exam with a grade of 75% or higher and demonstrating competency in 4 OSCE stations (metabolic syndrome, mental status exam, asthma/COPD and patient evaluation with progress note). Successful completion of the self-study component involves passing each module’s assessment questions with a grade of 75% or higher and will result in 20.0 contact hours of continuing pharmacy education credits (2.0 CEUs). Successful completion of the live component will result in 8.0 contact hours of continuing pharmacy education credit (0.80 CEUs). ACPE UAN: 0007-0000-17-018-B01-P

Following verification of  1) completion of online modules, 2) live program participation, 3) successful OSCE passing the comprehensive final examination, and 4) submission of online program evaluation form, an ACPE statement of credit will be uploaded to the CPE Monitor and a certificate of advanced practice training in comprehensive medication management will be emailed to participants (allow 4 to 6 weeks for upload and email certificate delivery). If you have questions, please email Diane Yoon at pharmce@usc.edu or call 323-442-2403.