



**Continuing Professional Development**  
College of Pharmacy  
1924 Alcoa Highway, Box 117  
Knoxville, TN 37920  
t 865.974.6605  
f 865.974.2987

Memphis  
Knoxville  
Chattanooga  
Nashville

## **2026 Spring Update Seminar and Live Webinar**

### **Day 1 (CE Credit Day 1 = 8 hours)**

#### **Activity Overview, James Wheeler, PharmD, BCPS**

7:55 – 8:00 am

#### **Pharmacology and Therapeutics of Recently Introduced Drugs**

8:00 – 10:05 am (to include a five-minute break)

Kelsey Frederick, PharmD

#### **Break**

10:05-10:10

#### **Recent Pharmacotherapeutic Advancements: A Systems-Based Approach**

10:10 -12:15 (to include a five-minute break)

James Wheeler, PharmD, BPCS

#### **Lunch break**

12:15 – 1:00 pm

#### **Medication Safety Across the Continuum of Care**

1:00 – 2:00 pm

Taylor Walters, PharmD (Knoxville & Memphis)

Leslie Phillips, PharmD (Nashville & Last Call)

#### **Break**

2:00 – 2:05 pm

#### **2026 Spring Immunization Update**

2:05 – 3:05 pm

S. Justin Miser, PharmD (Knoxville & Nashville) Taylor Littlejohn, PharmD (Memphis & Last Call)

#### **Break**

3:05 – 3:10 pm

#### **From Pre-Conception to Post-Menopause: Updated in Women's Health**

3:10 – 5:15 (to include a five-minute break)

Hope Brandon, PharmD, MBA

#### **Dismissal**

5:15 pm

**Day 2 (CE Credit Day 2 = 7 hours)**

**Activity Overview, James Wheeler, PharmD, BCPS**

7:55 – 8:00 am

**Tennessee Board of Pharmacy: Legal and Regulatory Issues**

8:00 – 10:05 am (to include a five-minute break)

Lucy Shell, PharmD

**Break**

10:05 – 10:10 am

**Federal Pharmacy Law Update**

Rachel Barenie, PharmD

10:10 – 12:15 pm

**Lunch Break**

12:20 – 1:00 pm

**Advocacy in Action: What, Why, and How**

1:00 pm – 2:00 pm

Anthony Pudlo, PharmD, MBA, MSHIA

**Break**

2:00 – 2:05 pm

**The AI-Augmented Pharmacist: Navigating Generative AI in Clinical Decision Making**

2:05 – 3:05 pm

Karl Kodweis, PharmD

**Break**

3:05-3:10

**Empowering Pharmacists to Lead the Way in Deprescribing**

3:10 – 4:10 pm

Alina Cernasev, PharmD, PhD

**Adjournment**

4:10 pm

### **Target Audience**

These activities are primarily intended for pharmacists and technicians from all practice settings. No prerequisites required.

### **Educational Objectives**

Upon completion of these activities, the participant should be able to:

### **Pharmacology and Therapeutics of Recently Introduced Drugs**

Kelsey Frederick, PharmD  
0064-0000-26-001-L01-P/T  
CE credits: 2 hours

### **Pharmacist Objectives**

- Describe the pharmacological and therapeutic application(s) of drugs introduced in 2025.
- Identify the role of efficacy and cost of newly approved medication compared to existing agents.
- Discuss safety profile and potential adverse drug reactions of newly introduced drugs.

### **Pharmacy Technician Objectives**

- List the primary use of drugs introduced in 2025.
- Identify costs of newly approved medications compared to existing agents.

### **Recent Pharmacotherapeutic Advancements: A Systems-Based Approach**

James Wheeler, PharmD, BCPS  
0064-0000-26-001-L01-P/T  
CE credits: 2 hours

### **Pharmacist Objectives**

- Review of Basic Pharmacological Concepts; FDA Process; Adverse drug Effects, Drug Interactions, Boxed Warnings.
- Review updates to drugs Used in Cardiovascular Health, Diabetes, Dementia and Women's Health, and other key disease states.
- Discuss key counseling points on Recent Pharmacological Developments.

### **Pharmacy Technician Objectives**

- Review of Basic Pharmacological Concepts; FDA Process; Adverse drug Effects, Drug Interactions, Boxed Warnings.
- Review updates to drugs used in Cardiovascular Health, Diabetes, Dementia, and Women's Health, and other key disease states.

### **Medication Safety Across the Continuum of Care**

Taylor Walters, PharmD  
Leslie Phillips, PharmD  
0064-0000-26-002-L05-P/T  
CE credits: 1 hour

### **Pharmacist Objectives**

- Identify common medication safety risks that affect older adults in outpatient and transitional care settings.
- Recognize system-level contributors to medication errors in older adults.
- Describe strategies and tools pharmacists can use to reduce medication-related harm in older adults.

### **Pharmacy Technician Objectives:**

- Identify common medication safety risks that affect older adults in outpatient and transitional care settings.
- Recognize system-level contributors to medication errors in older adults.
- Describe strategies and tools pharmacists can use to reduce medication-related harm in older adults.

### **2026 Spring Immunization Update**

Justin Miser, PharmD

Taylor Littlejohn, PharmD

0064-0000-26-003-L06-P/T

CE credits: 1 hour

### **Pharmacist Objectives**

- Review vaccine-preventable diseases.
- Review updates of recent changes to immunization recommendations.
- Explain indications and considerations for currently available or recently approved vaccines.
- Identify immunization-related resources for practice.

### **Pharmacy Technician Objectives**

- Review vaccine-preventable diseases.
- Review updates of recent changes to immunization recommendations.
- Explain indications and considerations for currently available or recently approved vaccines.
- Identify immunization-related resources for practice.

### **From Pre-Conception to Post-Menopause: Updated in Women's Health**

Hope Brandon, PharmD, MBA

0064-0000-26-004-L01-P/T

CE credits: 2 hours

Application-based

### **Pharmacist Objectives**

- Identify and assess foundational concepts related to medication safety in pregnancy and appropriate over the counter medication use in pregnancy.
- Discuss common contraceptive misconceptions and use evidence-based criteria to choose an appropriate option for a patient.

- Compare hormonal and non-hormonal therapies for menopause, including risks, benefits, contraindications and monitoring requirements, to support individualized treatment plans.

#### **Pharmacy Technician Objectives**

- Identify and assess foundational concepts related to medication safety in pregnancy and appropriate over-the-counter medication use in pregnancy.
- Discuss common contraceptive misconceptions and use evidence-based criteria to choose an appropriate option for a patient.
- Compare hormonal and non-hormonal therapies for menopause, including risks, benefits, contraindications and monitoring requirements, to support individualized treatment plans.

#### **Tennessee Board of Pharmacy: Legal and Regulatory Issues**

Lucy Shell, PharmD

0064-0000-26-005-L03-P/T

CE credit: 2 hours

#### **Pharmacist Objectives**

- List new and pending regulations of the Tennessee Board of Pharmacy.
- Explain how to practice safely and effectively under Board of Pharmacy and Department of Health guidelines.
- Describe the boundaries between pharmacist and pharmacy technician responsibilities.

#### **Pharmacy Technician Objectives**

- List new and pending regulations of the Tennessee Board of Pharmacy.
- Explain how to practice safely and effectively under Board of Pharmacy and Department of Health guidelines.
- Describe the boundaries between pharmacist and pharmacy technician responsibilities.

#### **Federal Pharmacy Law Update**

Rachel Barenie, PharmD, JD 0064-0000-26-006-L03-P/T

CE credit: 2 hours

#### **Pharmacist Objectives**

- Summarize key federal pharmacy law updates.
- Analyze how changes to federal pharmacy laws may impact pharmacy practice.
- Identify and mitigate common sources of non-compliance with federal pharmacy laws.
- Select one process in your pharmacy practice to evaluate based on recent changes to federal pharmacy laws.
- List federal pharmacy laws ripe for further reform.

#### **Pharmacy Technician Objectives**

- Summarize key federal pharmacy law updates.
- Analyze how changes to federal pharmacy laws may impact pharmacy practice.
- Identify and mitigate common sources of non-compliance with federal pharmacy laws.
- Select one process in your pharmacy practice to evaluate based on recent changes to federal pharmacy laws.

- List federal pharmacy laws ripe for further reform.

### **Advocacy in Action: What, Why, and How**

Anthony Pudlo, PharmD, MBA, MSHIA

0064-0000-26-007-L03-P/T

CE credit: 1 hour

#### **Pharmacist Objectives**

- Identify recent legislative changes affecting the 340B program and their implications for patient access.
- Explain the rationale behind PBM reform enhancements and their intended outcomes in Tennessee.
- Describe legislative updates from 2025 to pharmacist scope of practice and payment models for services.
- Summarize regulatory measures supporting healthcare professionals in recovery and their impact on practice.
- Discuss anticipated policy developments for 2026 and potential effects on pharmacy practice.

#### **Pharmacy Technician Objectives**

- Identify recent legislative changes affecting the 340B program and their implications for patient access.
- Explain the rationale behind PBM reform enhancements and their intended outcomes in Tennessee.
- Describe legislative updates from 2025 to pharmacist scope of practice and payment models for services.
- Summarize regulatory measures supporting healthcare professionals in recovery and their impact on practice.
- Discuss anticipated policy developments for 2026 and potential effects on pharmacy practice.

### **The AI-Augmented Pharmacist: Navigating Generative AI in Clinical Decision Making**

Karl Kodweis, PharmD

0064-0000-26-008-L99-P/T

CE credit: 1 hour

#### **Pharmacist Objectives**

- Define fundamental AI and machine learning terminology relevant to pharmacy practice, including Large Language Models (LLMs), Generative AI, and predictive clinical decision support.
- Identify specific failure points within an AI-assisted clinical workflow—such as algorithmic bias, model drift, and data quality—that require pharmacist intervention to prevent medication errors.
- Compare the capabilities, limitations, and verification requirements of open-access versus subscription-based AI tools (e.g., OpenEvidence vs. proprietary database extensions) when resolving drug information inquiries.

### **Pharmacy Technician Objectives**

- Define fundamental AI and machine learning terminology relevant to pharmacy practice, including Large Language Models (LLMs), Generative AI, and predictive clinical decision support.
- Identify specific failure points within an AI-assisted clinical workflow—such as algorithmic bias, model drift, and data quality—that require pharmacist intervention to prevent medication errors.
- Compare the capabilities, limitations, and verification requirements of open-access versus subscription-based AI tools (e.g., OpenEvidence vs. proprietary database extensions) when resolving drug information inquiries.

### **Empowering Pharmacists to Lead the Way in Deprescribing**

Alina Cernasev, PharmD, PhD

0064-0000-26-009-L04-P/T

CE credit: 1 hour

### **Pharmacist Objectives**

- Describe the rationale and evidence supporting deprescribing as part of safe, patient-centered medication.
- Recognize polypharmacy and discuss different frameworks to enhance pharmacist's visibility in the healthcare system and patient outcomes.
- Review the established guidelines (e.g. Beers Criteria; opioid) to assess patients' medication regimens and evaluate opportunities to discuss deprescribing with the healthcare team.
- Explain communication techniques that support effective collaboration with the healthcare team to ensure patients' therapeutics goals are achieved.

### **Pharmacy Technician Objectives**

- Define deprescribing and its purpose in optimizing medication therapy when supporting pharmacists in the workflow.
- Describe how deprescribing fits into patient-centered care and safety initiatives.
- Explain communication skills that enable pharmacy technicians to effectively support pharmacists during the deprescribing process.



### **Continuing Education Information**

The University of Tennessee College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. Successful completion of these knowledge-based activities will provide a statement for up to 15 hours of CPE credit: 8 contact hours of credit (0.8 CEU) on day #1 and 7 contact hours of credit (0.7 CEU) on day #2. Successfully completing the activity and receiving credit includes: 1) reading the learning objectives and faculty disclosures; 2) participating in the educational activity; 3) evaluating the activity; and 4) completing all self-assessment instruments and CE credit submission form. CE credit will be submitted to the NABP CPE monitor within 30 days. *It is recommended that you check your NABP CPE Monitor e-profile database 30 days after the completion of any CE activity to ensure that your credits are posted.*

NABP e-PROFILE ID NUMBER: Pharmacists with questions regarding their NABP e-Profile or CPE Monitor should refer to the FAQ section on the NABP website: <https://nabp.pharmacy/cpe-monitor-service/cpe-monitor-faqs/>. To receive credit for your participation in this activity, all pharmacists must include their **CORRECT** NABP e-Profile ID number, along with their month and date of birth. If incorrect information is provided, this will result in “rejected” status from the CPE Monitor. *It is the responsibility of the participant to notify The University of Tennessee (within the 60-day submission timeframe) of their corrected information. Otherwise, the completed CE will not be accepted by the CPE Monitor.*

*Please allow up to 30 days for your credit to appear on CPE Monitor.*

### **Type of Activity: Knowledge**

Full Disclosure Policy Affecting CPE Activities – As an accredited provider by the Accreditation Council for Pharmacy Education (ACPE), it is the policy of The University of Tennessee College of Pharmacy to require the disclosure of the existence of any significant financial interest or any other relationship a faculty member or a sponsor has with the manufacturer(s) of any commercial product(s) discussed in an educational presentation. The Course Director and Participating Faculty reported the following:

#### **Participating Faculty:**

Kelsey Frederick, PharmD  
James Wheeler, PharmD, BPCS  
Taylor Walters, PharmD  
Leslie Phillips, PharmD  
S. Justin Miser, PharmD  
Taylor Littlejohn, PharmD  
Hope Brannon, PharmD

Lucy Shell, PharmD  
Rachel Barenie, PharmD, JD, MPH  
Anthony Pudlo, PharmD, MBA  
Karl Kodweis, PharmD  
Alina Cernasev, PharmD,

### **Financial disclosures**

No financial disclosures to report from any faculty, speakers, or organizers.

### **How to earn credit**

Participants must complete the activity as described above in the Credit Designation Statement.

In accordance with ACPE Criteria for Quality, the audience is advised that authors in this CPE activity may include reference(s) to unlabeled, unapproved, or investigational uses of therapeutic agents or biomedical devices. The presenters will inform the learner when they discuss or reference an unapproved, unlabeled, or investigational use of a therapeutic agent or biomedical device.

### **Disclaimer Statement**

The opinions and recommendations expressed by faculty and other experts whose input is included in this activity are their own. This activity is produced for educational purposes only. Use of The University of Tennessee College of Pharmacy name implies review of educational format, design, and approach. Please review the complete prescribing information of specific drugs or

combinations of drugs, including indications, contraindications, warnings, and adverse effects, before administering pharmacologic therapy to patients.

### **Questions?**

If you have questions regarding this CPE activity, please call the Office of Continuing Education at (865) 974-6605, e-mail: [jwheele4@uthsc.edu](mailto:jwheele4@uthsc.edu), or refer to our website: [www.uthsc.edu/pharmacy/ce](http://www.uthsc.edu/pharmacy/ce). Please contact the office of continuing education if you need special accommodations such as sight, hearing or access at this seminar.

### **Tuition**

#### **Online**

##### *Pharmacist*

- Day 1 Only: \$160
- Day 2 Only: \$150
- Both Days: \$285

##### *Pharmacy Technician*

- Day 1 Only: \$90
- Day 2 Only: \$70
- Both Days: \$160

#### **In-Person**

##### *Pharmacist*

- Day 1 Only: \$175
- Day 2 Only: \$165
- Both Days: \$315

##### *Pharmacy Technician*

- Day 1 Only: \$99
- Day 2 Only: \$77 Both Days: \$ 175

### **Payment**

There is a \$30 fee for any returned check. Refunds, less a \$20 administrative fee, will be given only if the College of Pharmacy receives notification of cancellation prior to 10 a.m. (EST) on the Wednesday prior to the scheduled seminar.

*In compliance with a new UT policy, the College can no longer accept credit cards via phone, fax, or mail. Credit cards are acceptable for online registration only.*

### **How to Register**

We encourage all participants to **pre-register** to ensure space to accommodate your participation. **Provide the information requested on the registration form and pre-register via our online portal:** [www.uthsc.edu/pharmacy/ce](http://www.uthsc.edu/pharmacy/ce), click on "Online Seminar Enrollment"

### **Grievance Policy**

A participant, sponsor, faculty member or other individual wanting to file a grievance with respect to any aspect of an activity provided or co-provided by the UTCOP may contact the Associate Dean for Continuing Education in writing, by email [jwheele4@uthsc.edu](mailto:jwheele4@uthsc.edu) by phone (865) 974-6605. The grievance will be reviewed and a response will be returned within 45 days of receiving the written

statement. If not satisfied, you may appeal your grievance to the Dean of the College of Pharmacy for a second level of review.

**Required Computer Hardware/Software**

Please ensure the computer you plan to use meets the following requirements:

- Operating System: Windows or Macintosh
- Supported Browsers: Microsoft Internet Explorer, Firefox, Google Chrome, Safari and Opera
- Most importantly, an Internet connection