

## **44<sup>th</sup> Annual Pharmacy Update 2021**

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

7:55 – 8:00 am CST / 8:55 – 9:00 EST

Activity Overview, James Wheeler, PharmD, BCPS

8:00 – 9:00 am CST

***Year In Review of COVID-19 Therapeutics: Where We've Come, and Where We're Going***

Michael P. Veve, PharmD, MPH

9:00 – 9:55 am CST

***OTC Update: A focus on products transitioning to over the counter***

Hayley Pitt, PharmD

9:55 – 10:00 am CST

Break

10:00 – 11:00 am CST

***Cases in Medication Safety: Preventing and Managing Errors in Practice***

James Wheeler, PharmD, BCPS

11:00 am – 12:00 pm CST

***Implicit Bias***

Tyler Marie Kiles, PharmD, BC-ADM

12:00 – 12:10 pm CST

Self-Assessment Quiz for Morning Session

12:10 – 1:00 pm

Lunch break

1:00 – 2:55 pm CST

***Recent Pharmacological and Therapeutic Developments: New Drug Approvals***

Kelsey Frederick, PharmD

2:55 – 3:00 pm CST

Break

3:00 – 5:00 pm

***Recent Pharmacological and Therapeutic Developments: Therapeutic Updates***

James Wheeler, PharmD, BCPS

5:00 – 5:10 pm CST  
Self-Assessment Quiz for Afternoon Session and Adjournment

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

7:55 – 8:00 am CST  
Activity Overview, James Wheeler, PharmD, BCPS

8:00 – 9:55 am CST  
***Tennessee Legislative and Advocacy Update***  
Lucy Adkins Shell, PharmD

9:55 – 10:00 am CST  
Break

10:00 – 11:00 am CST  
***Tennessee Board of Pharmacy Update***  
Reginald Dilliard, D.Ph.

11:00 am – 12:00 pm CST  
***Case Studies in Managing Legal Risk in Pharmacy Practice***  
Carol Schwab, JD, LLM  
Rachel Barenie, PharmD, JD, MPH

12:00 – 12:10 pm CST  
Self-Assessment Quiz for Morning Session

12:10 – 1:00 pm CST  
Lunch break

1:00 – 2:00 pm CST  
***Stop, collaborate, and listen: A "how-to" presentation on collaborative practice agreements***  
Gregory Sneed, PharmD

2:00 – 3:00 pm CST  
***Buprenorphine Prescribing for OUD in Tennessee: An Update***  
Wesley Geminn, PharmD, BCPP

3:00 – 4:00 pm CST  
***Wait, how much? Five Common Reasons for High Drug Prices***  
Rachel Barenie, PharmD, JD, MPH

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:

**Year In Review of COVID-19 Therapeutics: Where We've Come, and Where We're Going**

Michael P. Veve, PharmD, MPH

Clinical Assistant Professor, College of Pharmacy

Wayne State University

Clinical Pharmacy Specialist, Infectious Diseases

Henry Ford Hospital

0064-0000-21-001-L01-PT

CE credits: 1 hour

**Pharmacist Objectives:**

- Discuss literature supporting and refuting current COVID-19 therapies and their potential place in practice.
- Describe the pharmacist's role in distributing and management of COVID-19 therapies
- Discuss future strategies regarding COVID-19 therapeutics

**Pharmacy Technician Objectives:**

- Discuss literature supporting and refuting current COVID-19 therapies and their potential place in practice.
- Describe the pharmacy technician's role in distributing and management of COVID-19 therapies
- Discuss future strategies regarding COVID-19 therapeutics

**OTC Update: A focus on products transitioning to over the counter**

Hayley Pitt, PharmD

Pharmacy Resident

Mac's Pharmacy

0064-0000-21-002-L01-PT

CE credits: 1 hour

**Pharmacist Objectives:**

- Identify medications switched from prescription to OTC classification in 2020
- Review recent literature concerning non-prescription medication
- Review available drug information resources for OTC products
- Recall the process of how medications are evaluated to make the switch

**Pharmacy Technician Objectives:**

- Identify medications switched from prescription to OTC classification in 2020
- Review recent literature concerning non-prescription medication
- Review available drug information resources for OTC products
- Recall the process of how medications are evaluated to make the switch

**Cases in Medication Safety: Preventing and Managing Errors in Practice**

James Wheeler, PharmD, BCPS

Director of Continuing Professional Development

Assistant Professor, Department of Clinical Pharmacy and Translational Science

UTHSC College of Pharmacy

0064-0000-21-003-L05-PT

CE Credits: 1 hour

Pharmacist Objectives:

- Review case studies of medication errors from the literature
- Identify methods and data sources to detect medication errors and adverse drug events

Pharmacy Technician Objectives:

- Review case studies of medication errors from the literature
- Identify methods and data sources to detect medication errors and adverse drug events

**Implicit Bias**

Tyler Marie Kiles, PharmD, BC-ADM

Assistant Professor, Department of Clinical Pharmacy and Translational Science

Clinical Coordinator, PGY-1 Community-Based Pharmacy Residency Program

UTHSC College of Pharmacy

0064-0000-21-004-L04-PT

CE Credits: 1 hour

Pharmacist Objectives:

- Define implicit bias
- Discuss how implicit bias impacts healthcare and pharmacy practice
- Recognize strategies to challenge and overcome implicit biases

Pharmacy Technician Objectives:

- Define implicit bias
- Discuss how implicit bias impacts healthcare and pharmacy practice
- Recognize strategies to challenge and overcome implicit biases

**Recent Pharmacological and Therapeutic Developments: New Drugs and Therapeutic Update**

Kelsey Frederick, PharmD

Assistant Professor, Department of Clinical Pharmacy and Translational Science

UTHSC College of Pharmacy

James Wheeler, PharmD, BCPS

Director of Continuing Professional Development

Assistant Professor, Department of Clinical Pharmacy and Translational Science

UTHSC College of Pharmacy

0064-0000-21-005-L01-PT

CE credits: 4 hours

Pharmacist Objectives:

- Inform patients and prescribers of the pharmacological and therapeutic application(s) of drugs introduced in 2020.
- Identify the role of efficacy and cost of newly approved medications to existing agents.
- Discuss safety profiles and potential adverse drug reactions of newly introduced drugs.
- Identify essential information for counseling patients on changes in the therapeutic application(s) of existing drugs and alternative therapies.

Pharmacy Technician Objectives:

- List the primary use of drugs introduced in 2020.
- Identify the role of newly approved medications compared to existing agents.
- Identify essential information to assist pharmacists in counseling patients on changes in the therapeutic application(s) of existing drugs and alternative therapies.

**Legal Update:**

0064-0000-21-006-L03-PT

**CE credits: 4 hours**

**Tennessee Legislative and Advocacy Update**

Lucy Adkins Shell, PharmD

Interim Executive Director

Tennessee Pharmacists Association

Pharmacist Objectives:

- Discuss trending pharmacy policy issues at the legislative, regulatory and policy-making levels.
- Review legislative pharmacy practice changes affecting patient care in Tennessee.
- Provide an overview of important advocacy initiatives for members of the pharmacy team.
- Recall relevant proposed legislation and potential impact on pharmacy practice.
- Describe relevant current state and federal litigation and potential impact on pharmacy practice

Pharmacy Technician Objectives:

- Discuss trending pharmacy policy issues at the legislative, regulatory and policy-making levels.
- Review legislative pharmacy practice changes affecting patient care in Tennessee.
- Provide an overview of important advocacy initiatives for members of the pharmacy team.
- Recall relevant proposed legislation and potential impact on pharmacy practice.
- Describe relevant current state and federal litigation and potential impact on pharmacy practice.

**Tennessee Board of Pharmacy Update**

Reginald Dilliard, D.Ph.

Executive Director

Tennessee Board of Pharmacy

Pharmacist Objectives:

- Identify recently enacted state and federal legislation affecting pharmacy practice
- Describe recent updates from the Tennessee Board of Pharmacy
- Discuss daily pharmacy responsibilities in compliance with new federal and state law

Pharmacy Technician Objectives:

- Identify recently enacted state and federal legislation affecting pharmacy practice.
- Describe recent updates from the Tennessee Board of Pharmacy.
- Discuss daily pharmacy responsibilities in compliance with new federal and state law.

**Case Studies in Managing Legal Risk in Pharmacy Practice**

Carol Schwab, JD, LLM

Professor

UTHSC College of Pharmacy

UTHSC College of Graduate Health Sciences

Rachel Barenie, PharmD, JD, MPH

Assistant Director of Continuing Professional Development

Assistant Professor, Department of Clinical Pharmacy and Translational Science

UTHSC College of Pharmacy

Pharmacist Objectives:

- Describe the elements of risk management and how they pertain to pharmacy practice.
- Identify common legal issues in pharmacy practice.
- List tips to stay up-to-date on changing pharmacy practice rules and regulations.

Pharmacy Technician Objectives:

- Describe the elements of risk management and how they pertain to pharmacy practice.
- Identify common legal issues in pharmacy practice.
- List tips to stay up-to-date on changing pharmacy practice rules and regulations.

**Stop, collaborate, and listen: A "how-to" presentation on collaborative practice agreements**

Gregory Sneed, PharmD

Assistant Professor, Department of Clinical Pharmacy and Translational Science

UTHSC College of Pharmacy

0064-0000-21-007-L03-PT

CE Credits: 1 hour

Pharmacist Objectives:

- Outline the key components of a collaborative practice agreement (CPA)
- Describe various pharmacist-provided services performed under a CPA
- Identify key barriers and facilitators to implementation of a CPA

Pharmacy Technician Objectives:

- Outline the key components of a collaborative practice agreement (CPA)
- Describe various pharmacist-provided services performed under a CPA and how pharmacy technicians can support those services.

- Identify key barriers and facilitators to implementation of a CPA

**Buprenorphine Prescribing for OUD in Tennessee: An Update**

Wesley Geminn, PharmD, BCPP

Chief Pharmacist, State Opioid Treatment Authority

Tennessee Department of Mental Health and Substance Abuse Services

0064-0000-21-008-L01-PT

CE Credits: 1 hour

**Pharmacist Objectives:**

- Describe the scope and epidemiology of the state and nationwide opioid crisis
- Discuss the basic pathophysiology of opioid use disorder (OUD)
- Recognize recent trends in state and national legislation related to the opioid crisis
- Compare and contrast the different medications used to treat OUD
- Evaluate opportunities available for pharmacist involvement in OUD treatment

**Pharmacy Technician Objectives:**

- Describe the scope and epidemiology of the state and nationwide opioid crisis
- Discuss the basic pathophysiology of opioid use disorder (OUD)
- Recognize recent trends in state and national legislation related to the opioid crisis
- Evaluate opportunities available for pharmacy technician involvement in OUD treatment

**Wait, how much? 5 Common Reasons for High Drug Prices**

Rachel Barenie, PharmD, JD, MPH

Assistant Director of Continuing Professional Development

Assistant Professor, Department of Clinical Pharmacy and Translational Science

UTHSC College of Pharmacy

0064-0000-21-009-L04-PT

CE Credits: 1 hour

**Pharmacist Objectives:**

- List 5 common causes of high drug prices in the United States.
- Discuss possible solutions to high drug prices in the United States.
- Identify at least one resource to help patients better afford their medication.

**Pharmacy Technician Objectives:**

- List 5 common causes of high drug prices in the United States.
- Discuss possible solutions to high drug prices in the United States.
- Identify at least one resource to help patients better afford their medication.



**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:**

**Financial disclosures:** None

**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 web site: [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**

Pharmacist:

Day 1 Only: \$120

Day 2 Only: \$100

Both Days: \$220

Pharmacy Technician

Day 1 Only: \$60

Day 2 Only: \$50

Both Days: \$110

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. Day-of registrants will be charged an additional fee.

*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