



NABP
National Association of
Boards of Pharmacy

CPE Activity Information

Poster Presentations: Framing a New Practice Mindset

Activity Overview

Board of pharmacy and college of pharmacy representatives will share findings from projects and research related to their vision to advance pharmacy practice in furtherance of protecting the public health. Topics include addressing rising insulin prices; drug interactions associated with cannabis; analysis of medication errors in community pharmacy; perspectives on pharmacist-prescribed hormonal contraceptives in South Carolina; expanding team-based care in rural South Carolina; active learning in pharmaceutical calculations education; board-authorized protocols in Kentucky; and current pharmacy technician practice.

This home study webinar is a recording of the live activity that was held on August 31, 2023.

Activity Topic	Additional Topic Areas
Universal Activity Numbers	0205-0000-23-079-H99-P 0205-0000-23-079-H99-T
Activity Date	25-Oct-23 through 24-Aug-26
Activity Type	Knowledge-based
CE Credits	1.25 contact hours (0.125 CEU)
Activity Fee	\$20

Target Audience

This activity was designed to meet the educational needs of pharmacists and pharmacy technicians in all practice settings.

Poster Presentations

Pharmacist's Role in Addressing the Rising Insulin Prices

This poster presentation discusses the role pharmacists play in managing the increasing cost of insulin. The presenters will cover the current status of insulin prices, how this issue affects insulin-dependent individuals, and the tools health care providers can use to combat insulin cost.

Presenters:

- Katelyn Ewer, PharmD Candidate, Class of 2025, North Dakota State University School of Pharmacy
- Amy Drummond, PharmD, Lecturer, Department of Pharmacy Practice, North Dakota State University School of Pharmacy

Additional Author:

Rachel Grande, PharmD Candidate, Class of 2024, North Dakota State University School of Pharmacy

Learning Objectives:

At the conclusion of this webinar, participants will be able to:

1. Discuss the current status of insulin prices and how this issue affects pharmacy practice.
2. Identify unique opportunities for pharmacy professionals to educate the public about the causes and solutions of rising insulin costs.

Framing a New Mindset About Drug Interactions Associated With Cannabis

For this poster presentation, a guidance document was developed to aid pharmacists in evaluating drug interactions that are associated with cannabis. As medical and recreational cannabis are becoming legal in more and more states, it is important that pharmacists look at cannabis as any other prescription where drug interactions are assessed for their patients.

Presenters:

- Christina Tarasidis, PharmD Candidate, Class of 2026, East Tennessee State University Bill Gatton College of Pharmacy
- Sarah T. Thomason, PharmD, BCPP, BCACP, Professor of Pharmacy Practice, East Tennessee State University Bill Gatton College of Pharmacy; Member, Virginia Board of Pharmacy

Additional Author:

Samantha Taylor, PharmD Candidate, Class of 2024, East Tennessee State University Bill Gatton College of Pharmacy

Learning Objectives:

At the conclusion of this webinar, participants will be able to:

1. Discuss the role of the Virginia Board of Pharmacy as designated by legislation regarding medicinal cannabis.
2. Describe the purpose of the guidance document issued by the Virginia Board of Pharmacy regarding drug interactions with cannabis.
3. Identify key drug interactions with commonly dispensed medications and cannabis.

Student Observations and Analysis of Medication Errors in Community Pharmacy Settings

The goal of this research project was to gain insight into the number and types of medication errors that are reported by students within community pharmacy practice rotations. More than 400 filled prescriptions from 23 different pharmacies were evaluated by students, and a harm rating was assigned if there was an error found. This study helped identify where the least errors occurred and how much potential patient harm was caused by them.

Presenter:

- Mary Douglass Smith, PharmD, Director of Experiential Education, Presbyterian College School of Pharmacy

Additional Authors:

Martine Abouchabki, PharmD Candidate; Kyli Latimer, PharmD Candidate; and Kathryn Ware, PharmD Candidate, Presbyterian College School of Pharmacy

Learning Objectives:

At the conclusion of this webinar, participants will be able to:

1. Describe the regulation related to error reporting in community pharmacy settings.
2. Explain student observations of error reporting.
3. Discuss how to evaluate the potential patient harm and error percentages relevant to the community pharmacy setting.

Evaluation of Pharmacist and Patient Perspectives on Pharmacist-Prescribed Hormonal Contraceptives in South Carolina

While previous research on pharmacist-prescribing hormonal contraception has been completed, this study offers a unique perspective after an increase in health care professional burnout due to the COVID-19 pandemic and the overturning of *Roe v. Wade*. This project determines both the pharmacist and patient perspectives of pharmacist-prescribing hormonal contraception after the passing of the Pharmacy Access Act in South Carolina in May 2022. Pharmacists' interest/comfort in prescribing birth control and potential barriers to implementation will be identified, and patients' interest/comfort in their pharmacist prescribing birth control, willingness to pay for this service, and reasons they would see a pharmacist for a prescription are assessed.

Presenter:

- Tate Owens, PharmD, PGY1 Community-Based Pharmacy Resident, Hawthorne Pharmacy, University of South Carolina College of Pharmacy

Additional Authors:

Patricia Fabel, PharmD, BCPS, Clinical Associate Professor; Tessa Hastings, PhD; Abby Davies, PhD Candidate; and Gene Reeder, PhD, Kennedy Pharmacy Innovation Center, University of South Carolina College of Pharmacy

Learning Objectives:

At the conclusion of this webinar, participants will be able to:

1. Identify potential barriers to implementing pharmacist prescribing of hormonal contraceptives into practice in South Carolina from the pharmacists' perspective.
2. Describe processes related to hormonal contraceptive prescribing that pharmacists may feel uncomfortable with performing.
3. Discuss potential barriers that patients in South Carolina believe they may encounter when accessing their health care related to hormonal contraceptives

Partnering Together to Expand Team-Based Care in Rural South Carolina

The presenter will discuss how integrating pharmacists into primary care may close gaps in care. Policy changes are needed regarding payment for pharmacist services within primary care for these models to be sustainable and expand beyond the Medicare population.

Presenter:

- Kayce M. Shealy, PharmD, BCPS, CDCES, Associate Dean, Presbyterian College School of Pharmacy

Additional Authors:

Patricia H. Fabel, PharmD; Gene Reeder, PhD, University of South Carolina College of Pharmacy; Cecily V. DiPiro, PharmD, South Carolina Pharmacy Association; Michelle James, MSW; Courtney Brightharp, DHSc; and Kristian Myers, MPH, South Carolina Department of Health and Environmental Control

Learning Objectives:

At the conclusion of this webinar, participants will be able to:

1. Identify services that a pharmacist may provide within primary care settings.
2. Describe the clinical impact of integrating pharmacists into rural South Carolina primary care practices.
3. Describe the value of integrating pharmacists into rural South Carolina primary care practices.

Impacts of Active Learning in a Pharmaceutical Calculations Course

Evidence-based strategies, like Process Oriented Guided Inquiry Learning, require learners to construct knowledge and meaning, resulting in long-term retention as opposed to short-term memorization and superficial understanding. Working in this learning environment allows students to be exposed to multiple perspectives and confront commonly held misconceptions, which results in a higher likelihood of understanding and retention. This presentation will discuss how several student-centered learning activities were developed for select topics in a P1 Pharmaceutical Calculations course and implemented during the 2022 fall semester.

Presenters:

- Olgaaurora Rodriguez, PharmD and MPH Candidate, Class of 2025, University of Arkansas for Medical Sciences (UAMS)
- Marty Perry, PhD, Associate Professor, Pharmaceutical Sciences, UAMS College of Pharmacy

Additional Author:

Jeff Davis, UAMS and Melanie Reinhardt, PharmD, UAMS

Learning Objectives:

At the conclusion of this webinar, participants will be able to:

1. Describe the types of questions and the order of these questions in an activity that follows the learning cycle.
2. Describe the benefits students experience when engaged in active learning during class.
3. Discuss the statistical data collected from students who were engaged in active learning and from those who received traditional lecture.

Board Authorized Protocols: Framing a New Practice Mindset in Kentucky

This presentation will discuss survey results for the utilization of population-specific collaborative practice agreements, aka board authorized protocols, in Kentucky, looking at implementation based on conditions treated under the protocols and geographic distribution of protocols. An analysis of implementation in medically underserved areas across the state is also provided to measure if protocols are being utilized in areas where they have greater potential to increase equitable access to safe and effective health care services by pharmacists.

Presenters:

- Eric Mackin, PharmD Candidate, Class of 2025, University of Kentucky College of Pharmacy
- Kyle Bryan, PharmD, Adjunct Assistant Professor/Practice Implementation Pharmacist, University of Kentucky College of Pharmacy

Additional Authors:

Bailey Conley, PharmD; Brooke Hudspeth, PharmD, CDCES; Adrienne Matson, PharmD, BCPS; and Patricia R. Freeman, RPh, PhD, FAPhA, FNAP, University of Kentucky College of Pharmacy

Learning Objectives:

At the conclusion of this webinar, participants will be able to:

1. Describe the current state of board authorized protocol implementation in Kentucky.
2. Identify the most widespread board authorized protocols in Kentucky.
3. Identify the practice settings in which board authorized protocols are most commonly implemented in Kentucky.

Snapshot of Current Pharmacy Technician Practice

Various programs and services are currently being utilized to create standardized career paths for pharmacists. The potential exists to use the same uniformity for pharmacy technicians, with the common goal of protecting public health. By looking at a current snapshot of pharmacy technician practice, opportunities are discussed to reframe the future state.

Presenter:

- Kristen Snair, CPhT, MSJ, Member, Arizona State Board of Pharmacy

Additional Author:

Cyndi Vipperman, CPhT, Member, Oregon Board of Pharmacy

Learning Objectives:

At the conclusion of this webinar, participants will be able to:

1. Identify opportunities to “reframe” a new practice mindset for pharmacy technician representation on boards of pharmacy, standardizing minimum competency, licensure transfers, and job titles.
2. Summarize state-to-state variances of pharmacy technician standards.
3. Describe how the COVID-19 pandemic provided opportunity to expand pharmacy technician scope of practice.

CPE Requirements

To earn ACPE-accredited CPE for this activity, participants must:

- be registered as an attendee,
- submit the activity code online using the NABP CPE submission site located at <https://nabp.pharmacy/claimcpe>,
- complete the activity in its entirety,
- answer the self-assessment questions at the beginning of the webinar, and
- review the activity handouts.

To obtain CPE credit, participants must also complete activity and speaker evaluations as well as pass the post-test with a score of 70% or higher.

All home study CPE submissions must be completed online within 60 days from the date the activity code is submitted online.

Home Study

Log in to [NABP e-Profile](#) to purchase the home study activity. Instructions on how to complete the home study for this webinar will be sent via email.

Additional CPE Information

Contact NABP Professional Affairs staff at cpe@nabp.pharmacy for information about CPE activities and instructions.



NABP and the NABP Foundation are accredited by the Accreditation Council for Pharmacy Education (ACPE) as providers of continuing pharmacy education (CPE).

ACPE Provider Number: 0205.

System Requirements

You will need a computer with high-speed internet access to view our screens and audio capabilities, via computer or phone, to hear the webinar. Browser requirements are as follows: Firefox (9.0+), Adobe Flash Player (10.3+), Google Chrome, and Safari (5.0+).

Read more about the [policy on privacy and confidentiality](#).