

CPE Activity Information

HOME STUDY

Poster Presentations: Engaging With Pharmacy Technology to Protect Public Health

Activity Overview

College of pharmacy and organization representatives will share findings from projects and research related to engaging with pharmacy technology in furtherance of protecting public health. Topics include a pharmacy residency program to improve medication safety, reviewing findings from a survey on drug diversion prevention efforts, highlighting the role of pharmacy informatics in addressing social determinants of health, discussing the benefits and challenges of implementing artificial intelligence in health care, and the role of pharmacy technicians in protecting public health.

This home study webinar is a recording of the live activity that was held on June 12, 2025.

Activity Topic	Additional Topic Areas
Activity Format	Home Study
Universal Activity Numbers	0205-0000-25-047-H99-P 0205-0000-25-047-H99-T
Activity Date	27-Aug-25 through 26-Jun-28
Activity Type	Knowledge-based
CE Credits	1.5 contact hours (0.15 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

Enhancing Public Health: Tackling Controlled Substance Diversion With Pharmacy Technology

This poster presentation discusses findings from a study on drug diversion practices within hospital pharmacies in the United States. The study aimed to gain insights into current practices and identify gaps in drug diversion surveillance, and it highlights the increasing awareness of controlled substance diversion and the need for effective management processes in hospital pharmacies. The study also reveals gaps in current practices and suggests strategies for strengthening diversion prevention efforts.

Presenters:

- **Samantha Bastow, PharmD, MBA**, Associate Director, Medical Affairs, Becton, Dickinson and Company
- **Amanda Hays, PharmD, MHA, BCPS, CPHQ, FASHP**, Director Medical Affairs, Becton, Dickinson and Company

Additional Authors: **Julia Lucaci, PharmD, MS**, Director Health Economics and Outcomes Research, Becton, Dickinson and Company; **Heather Nelkin, PharmD, MBA, BCOP, DPLA**, Associate Director Medical Affairs, Becton, Dickinson and Company; **Eric Borrelli, PharmD, PhD, MBA**, Manager Health Economics and Outcomes Research, Becton, Dickinson and Company; **April Graves, PharmD, CPHQ**, Manager, Medical Affairs, Becton, Dickinson and Company

Learning Objectives:

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

1. Describe the impact of controlled substance diversion on public health in the United States.
2. Explain the current practices and gaps in controlled substance diversion surveillance.
3. Review effective strategies for preventing controlled substance diversion within hospital pharmacies.
4. Discuss the role of technology in enhancing controlled substance diversion risk mitigation strategies.

Leveraging Clinical Data Warehouses to Assess the Impact of Pharmacy Data on Social Determinants of Health and Medication Adherence

This poster presentation highlights the role of pharmacy informatics in addressing social determinants of health (SDOH) and improving medication adherence. By leveraging electronic health records, predictive analytics, and automated referral systems, pharmacists were able to identify at-risk cardiovascular patients and connect them with supportive resources. Results showed higher adherence in patients who received SDOH referrals, though persistent barriers remained. Health care costs were higher in the referral group, which may reflect greater health care needs and emphasizes the importance of further research to evaluate long-term cost-effectiveness.

Presenter:

- **Cristina Colon, PharmD**, PGY1 Managed Care Resident, Community Care Plan

Additional Authors: **Jazz-Lynn Butler, PharmD**, Clinical Pharmacist, Community Care Plan; **Tricia Gangoo-Dookhan, PharmD, CPh**, Clinical Assistant Professor, Nova Southeastern University Barry and Judy Silverman College of Pharmacy; **Latrice Roebuck, PharmD, CPh**, Pharmacy Director, Community Care Plan

Learning Objectives:

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

1. Explain how clinical data warehouses can be leveraged to assess the relationship between pharmacy data and social determinants of health (SDOH) that influence medication adherence.
2. Describe the impact of SDOH-related pharmacy interventions on medication adherence outcomes using data-driven insights from clinical data warehouses.

Regulating the Future: Exploring AI's Role in Shaping Health Care

As technology advances, the health care industry is gravitating toward integrating artificial intelligence (AI) into medical devices to make them more accessible to the wider population. This emerging technology promises significant benefits, including improvement of accuracy, personal treatment plans, and ultimately enhancing patient outcomes. However, with the transition to this industrial evolution, there are still hesitations and valid concerns about patient safety, ethical implications, and the need for robust regulatory frameworks, as this poster presentation will discuss.

Presenters:

- **Vipul Patel**, PharmD Candidate, Class of 2026, MCPHS University
- **Prem Patel**, PharmD Candidate, Class of 2026, MCPHS University

Additional Authors: **Riya Patel**, PharmD Candidate, Class of 2026, MCPHS University; **Frederick Frankhauser, JD, MBA, RPh**, Department Chair, Pharmaceutical Business & Administrative Sciences; Program Director, Regulatory Affairs and Health Policy, MCPHS University School of Pharmacy

Learning Objectives:

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

1. Summarize the regulatory scope concerning the use of artificial intelligence (AI) in medical device development and deployment within the United States.
2. Identify concerns of AI in health care.
3. Discuss the use of AI in clinical practice.

Utilization of Pharmacy Technicians: Key Component of the Pharmacy Frontier

This poster presentation will focus on the Northland Association of Pharmacy Technicians' (NAPT's) response to assist its members in defining the levels of pharmacy technicians in North Dakota, gain valuable information on the importance of the pharmacy technicians' education and certification relating to regulatory standards, and focus on the growth within the profession. Additionally, NAPT demonstrates through regulatory standards that the role of the pharmacy technician is to meet the technical needs within the pharmacy allowing the pharmacist to focus on clinical roles.

Presenters:

- **Amanda “Mandy” Chase, RPhTech, CPhT**, Lead Pharmacy Technician, CHI Mercy Health
- **Josie Quick, RPhTech, CPhT-Adv, CSPT**, Senior Pharmacy Technician, Sanford Medical Center

Additional Author: **Diane Halvorson, RPhTech, CPhT-Adv, CSPT**, Senior Pharmacy Technician, Inventory Control Specialist, Sanford Medical Center, Fargo; Member, North Dakota State Board of Pharmacy

Learning Objectives:

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

1. Define the mission and goals of the Northland Association of Pharmacy Technicians (NAPT).
2. Review the current requirements to practice as a pharmacy technician in North Dakota.
3. Review the pharmacy technician definitions created by NAPT on behalf of pharmacy technicians in North Dakota.
4. Discuss the value of education, national certification, and continuing education as it relates to maintaining patient safety.

Bridging the Gap Between Medication Safety and Technology: The PGY2 MUSP Program

This poster presentation highlights a unique residency program developed by City of Hope and Becton, Dickinson and Company that prepares pharmacists to improve medication safety through innovation and technology. Projects include evaluating IV compounding robotics, addressing barcode scanning limitations to prevent medication errors, and many more. These initiatives support safer medication practices and demonstrate how

pharmacists can drive public health improvements by enhancing safety across the medication-use process.

Presenters:

- **Sara Kurd-Misto, PharmD**, PGY2 Resident, City of Hope-Becton, Dickinson and Company
- **Craig Greszler, PharmD, MBA, BCSCP**, Associate Director, Medical Affairs, Becton, Dickinson and Company

Additional Author: **Wyndie Tse, PharmD, MHA**, Director, Medication Safety and Quality; and Residency Program Director, PGY2 Medication-Use Safety and Policy Program, City of Hope

Learning Objectives:

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

1. Describe the structure and purpose of the PGY2 Medication-Use Safety and Policy (MUSP) Residency Program.
2. Discuss how the partnership between City of Hope and Becton, Dickinson and Company (BD) improves pharmacist involvement in leveraging technology to advance medication management, patient safety, and technological innovation.
3. Identify key residency rotations and projects that demonstrate local and global impact on public health.

CPE Requirements

To earn Accreditation Council for Pharmacy Education (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 you opened the activity.

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 staff at CPE@nabp.pharmacy for information about CPE activities and instructions.



NABP and the NABP Foundation are accredited by the 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+).

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