

# THE 9<sup>th</sup> REGIONAL PHARMACY FACULTY DEVELOPMENT WORKSHOP ARTIFICIAL INTELLIGENCE IN PHARMACY EDUCATION

16-17 JANUARY, 2026

Ajman University College of Pharmacy and Health Sciences  
Ajman, United Arab Emirates

SPONSORED BY



UNITED ARAB EMIRATES  
MINISTRY OF HIGHER EDUCATION  
& SCIENTIFIC RESEARCH



IN PARTNERSHIP WITH

American Association of  
Colleges of Pharmacy AACP

HOSTED BY



جامعة عجمان  
AJMAN UNIVERSITY

IN COLLABORATION WITH



ACCREDITATION  
COUNCIL FOR  
PHARMACY  
EDUCATION

## Registration Form Link:

<https://forms.office.com/r/HeMxd8cqCc>

## Speakers

### **Sara Trovinger, PharmD, MEd**

Associate Professor of Pharmacy Practice and Director of Clinical Education for Pharmacy  
Manchester University College of Pharmacy, Indiana, USA

Sara Trovinger, PharmD, MEd, is Associate Professor of Pharmacy Practice and Director of Clinical Education at Manchester University. After five years in practice, she joined Purdue University as co-funded faculty, where she developed an emergency department pharmacy service and specialized in cardiac critical care. She transitioned to academia in 2015 at Manchester, advancing to Director of Experiential Education in 2018. She also served as Chair of Experiential Education at Palm Beach Atlantic University before returning to Manchester in 2021. Her scholarship spans experiential and competency-based education, leadership development, and AI in pharmacy training. Honors include the AACP Award for Excellence and the Bowl of Hygiea.

### **Daniel R. Malcom, PharmD, BCPS**

Professor and Chair, Department of Pharmacy Practice  
Sullivan University College of Pharmacy and Health Sciences, Kentucky, USA

Dr. Malcom obtained his Doctor of Pharmacy degree from the University of Georgia College of Pharmacy in 2008, then completed a PGY-1 Pharmacy Practice Residency and a PGY-2 Residency in Critical Care at the University of Tennessee Medical Center in Knoxville, TN (affiliated with the University of Tennessee Health Science Center College of Pharmacy). Following residency training, Dr. Malcom joined the faculty at Sullivan University, working his way up to the Pharmacy Practice Department Vice-Chair in 2016 and Department Chair in 2020.

### **Logan Murry, PharmD, PhD**

Assistant Director of Continuing Pharmacy Education (CPE) and Continuing Professional Development (CPD)  
Accreditation Council for Pharmacy Education, Illinois, USA

Dr. Murry supports the evaluative processes in continuing pharmacy education and contributes to the development and evaluation of educational activities and educational research. Prior to joining ACPE, Dr. Murry was a postdoctoral researcher at RCSI in Dublin, Ireland and Adjunct Assistant Professor at The University of Iowa College of Pharmacy.

# AGENDA

## DAY 1 – January 16, 2026

**08:30-9:00**

**Arrival and Registration**

**09:00-9:15**

**Welcome, Introductions and Opening Remarks**

ACPE and Ajman University Officials

---

**9:15-9:45**

**Session 1: Ethical Principles Around the Use of Artificial Intelligence**

**Speaker:** Dr. Logan Murry, PharmD, PhD, Assistant Director of Continuing Pharmacy Education and Continuing Professional Development

**Description:** This session will describe basic principles that should be considered when utilizing artificial intelligence platforms.

**Session Objectives:**

- Identify ethical challenges surrounding the use of AI
  - Review ethical implications on the use of AI
  - Discuss real-world ethical dilemmas related to the use of AI
- 

**9:45-10:30**

**Session 2: The Artificial Intelligence (AI) Era of Pharmacy Education**

**Speaker:** Prof. Daniel R. Malcolm, PharmD, BCPS, Professor and Chair, Department of Pharmacy Practice, Sullivan University, College of Pharmacy and Health Sciences, USA

**Description:** This session will explore the influence of AI on pharmacy education and provide insights on how AI can personalize learning, enhance student engagement, and assist in administrative processes.

**Session objectives:**

- Describe the key categories of artificial intelligence (e.g., generative, predictive) and their principal applications within the landscape of pharmacy education.
  - Differentiate between various AI-powered tools that can be used to personalize student learning versus those designed to enhance classroom engagement.
  - Evaluate the potential benefits and limitations of incorporating AI into a pharmacy curriculum, considering pedagogical and resource implications.
- 

**10:30-10:45**

**Coffee Break**

---

---

**10:45-12:00**

**Session 3: Individualizing the Educational Experience Using Artificial Intelligence**

**Speaker:** Dr. Sara Trovinger, PharmD, MEd, Associate Professor of Pharmacy Practice, Director of Clinical Education for Pharmacy, Manchester University, College of Pharmacy, USA

**Description:** This session will provide an overview of platforms available to assist students in the identification of strengths and weaknesses to support customized learning including practice exercises and study tools. Available AI systems to support student tutoring will also be reviewed. Hands-on activities will be incorporated.

**Session objectives:**

- Explain the capabilities of artificial intelligence platforms that support individualized learning through customized practice exercises, study tools, and tutoring applications.
- Apply AI tools to demonstrate strategies for enhancing student engagement and addressing diverse learning needs.
- Design AI-driven learning activities that enable students to identify strengths, address weaknesses, and improve academic performance in pharmacy education.

---

**12:00-12:30**

**Poster Displays**

---

**12:30-14:00**

**Lunch and Prayer**

---

**14:00-15:15**

**Session 4: Using AI in Clinical Pharmacy Education – Simulation to Pharmacy Practice Experiences**

**Speaker:** Dr. Sara Trovinger, PharmD, MEd, Associate Professor of Pharmacy Practice, Director of Clinical Education for Pharmacy, Manchester University, College of Pharmacy, USA

**Description:** This session will provide an overview of the use of AI to support clinical aspects of pharmacy education including development of patient cases, simulating practice activities, Objective Structured Examinations, and Pharmacy Practice Experiences. Hands-on activities will be incorporated.

**Session Objectives:**

- Discuss the applications of artificial intelligence in clinical pharmacy education, including case development, simulation of practice activities, OSCEs, and practice experiences.
- Demonstrate the use of AI tools such as language translators, generative text for counseling practice, and simulation creators to enhance clinical teaching and assessment.
- Develop AI-enhanced simulation and standardized patient activities that prepare pharmacy students for real-world patient care experiences.

---

**15:15-16:00**

**Regional Mini-Presentations**

*Three selected proposals will each provide a 10-minute presentation (and 5 minutes of Q&A).*

**15:15-15:30**

AI-Driven CQI Intelligence Hub: A Model for Transforming Assessment Analytics”. Presented by Dr. Naglaa Saad.

**15:30-15:45**

From Zero to Mastery: Leveraging AI Tools to Build an Online Standard Setting Suite for Assessment in Pharmacy Education. Presented by Prof. Muhammad AlShorbagy.

**15:45-16:00**

Exploring Pharmacy Students' Use and Perceptions of Generative AI in a Self-Care Case-Based Learning Activity”. Corresponding author: Dr. Ghada Bawazeer and presented by Dr. Rihaf.

---

**16:00-16:30**

**Day’s Wrap-Up and Questions**

**DAY 2 – January 17, 2026**

**09:00-09:30**

**Arrival and coffee break**

---

**09:30-11:00**

**Session 5: Streamlining Administrative and Assessment Tasks**

**Speaker:** Dr. Daniel R. Malcolm, PharmD, BCPS, Professor and Chair, Department of Pharmacy Practice, Sullivan University, College of Pharmacy and Health Sciences

**Description:** This session will review how staff can use AI for administrative tasks including course development, assessment, and reporting. Hands-on activities will be incorporated.

**Session Objectives:**

- Utilize AI-powered tools to generate and refine course materials, such as syllabi, learning objectives, and lecture outlines.
- Construct and perform quality assurance/refine a variety of valid assessment items, including multiple-choice questions and case-based scenarios, using generative AI platforms.
- Employ AI to analyze student performance data and generate summary reports to inform curricular improvements.

---

**11:00-11:45**

**Regional Mini-Presentations**

*Three selected proposals will each provide a 10-minute presentation (and 5 minutes of Q&A).*

**11:00-11:15**

Integrating AI into Pharmacy Education and Practice: LargeLanguage Models in Drug-Drug Interactions. Presented by Dr. Diana Malaeb.

**11:15-11:30**

Artificial Intelligence Revolution in Scientific Research: Transforming Pharmacy Education Through Advanced Digital Technologies and Large Language Models. Presented by Dr. Sally Abdelmomen.

**11:30-11:45**

Designing AI-Integrated Assessments that Strengthen Clinical Judgment in Pharmacy Education. Presented by Dr. Mahinour Amin.

---

**11:45-13:00**

**Lunch and Prayer**

---

**13:00-13:45**

**Session 6 - Legal and Ethical Considerations when Using Artificial Intelligence**

**Speakers:**

Dr. Logan Murry, PharmD, PhD, Assistant Director of Continuing Pharmacy Education and Continuing Professional Development, Accreditation Council for Pharmacy Education

**Description:** This session will discuss guardrails that should be in place to ensure the appropriate use of AI in pharmacy education.

**Session objectives:**

- Recognize data privacy and security concerns when using AI in pharmacy education
- Describe global frameworks and approaches for using AI in pharmacy education and assessment.
- Consider who should be using AI and how they should be using it in organization-specific contexts.
- Initiate the development of AI policy or guidance for faculty and learners at your institution.

---

**13:45-15:15**

**Hands on learning Activities**

---

**15:15-15:45**

**Wrap-up and Closing Remarks**