

OHIO SOCIETY OF HEALTH-SYSTEM PHARMACY 83rd ANNUAL MEETING AND RESIDENCY SHOWCASE:

October 27th and 28th, 2023

Greater Columbus Convention Center

400 North High Street, Columbus, OH, 43215

Pharmacists, students, and technicians will not want to miss this meeting. This event will provide you with two days of quality continuing pharmacy education programming including ONE and a HALF hours of medication safety, ONE hour of Ohio jurisprudence, and ONE hour of preceptor development. There is separate programming for students, a residency showcase, clinical roundtables, exhibits, presentation of this year's awards for excellence in practice, and the opportunity to network with your colleagues and meet old and new friends in fun and friendly surroundings.

Practice Advancement Initiative (PAI) 2030

Contribute to the advancement of healthcare, patient outcomes, and pharmacy practice by completing the Practice Advancement Initiative 2030 Self-assessment Tool. Scan the QR code found to the right with your mobile device.



Continuing Pharmacy Education Credit



Pharmacists and technicians can receive up to 11 hours of continuing pharmacy education at the Annual Meeting. The University of Cincinnati James L. Winkle College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. To receive credit, you must participate and complete all the steps found in the "Complete Credit Requirements" link provided by the registration confirmation email. After following the link, these steps include: reviewing the course learning materials, confirming information provided on registration, claiming participation in applicable credits, and completing all listed evaluations and quizzes.

Credit requirements must be completed **within 60 days** of the program activity date (**by December 26, 2023**). Upon completion, credit will be transmitted electronically to ACPE. All transmitted credit will be viewable in your CPE Monitor profile within 24 hours. ***It is the participants' responsibility to ensure credit is properly populating on their individual NABP eProfile account.*** Please contact the James L. Winkle College of Pharmacy Continuing Pharmacy Education Office at (513) 558-4716 or RxCPD@uc.edu with questions or concerns.

The Office of Continuing Pharmacy Education has a formal grievance process to address any problems related to this activity or its administration. Comments and/or concerns about this activity should be sent to the University of Cincinnati James L. Winkle College of Pharmacy, 3255 Eden Ave., Cincinnati, OH 45229-0004, Attention: Dr. Karissa Kim. Questions about Continuing Pharmacy Education credit may be forwarded to this address. The CPE Office can be also reached at (513) 558-4716 or via email at RxCPD@UC.edu.

Need More Information?

For more information on this year's programming, contact Educational Affairs Director Chris Boreen at educational@ohioshp.org.



CONTINUING PHARMACY EDUCATION DETAILS

Friday, October 27th

10:00-11:00 AM

Characteristics to Remember: A Review of Dementia Treatment

1 Contact Hour UAN: 0050-9999-23-065-L01-P

Activity Type: Knowledge Audience: Pharmacists

Contact Hour UAN: 0050-9999-23-065-L01-T

Activity Type: Knowledge Audience: Pharmacy Technicians

Presented By:

Megan M. Adelman, PharmD, BCPS, BCGP, CDCES; Family Medicine Pharmacy Specialist, Cleveland Clinic Akron General

Learning Objectives:

1. Compare FDA approved therapy options for the treatment of dementia.
2. Identify treatment selection based on clinical pearls and patient-specific factors dementia care.
3. Discuss novel therapies recently approved for the use of dementia.

Learning Objectives:

1. Identify FDA generic and brand names of approved therapy options for the treatment of dementia.
2. List novel therapies recently approved for the use of dementia.

A Pharmacist's Role in Lifestyle Medicine

1 Contact Hour UAN: 0050-9999-23-060-L01-P

Activity Type: Knowledge Audience: Pharmacists

Presented By:

Beth Prier, PharmD, MS; Director, Pharmacy Operations, OhioHealth

Learning Objectives:

1. Summarize the six pillars of lifestyle medicine and proposed intersections with pharmacy practice.
2. Recall evidence-based examples of positive patient outcomes resulting from lifestyle medicine therapeutic intervention.
3. Discuss how to incorporate principles of lifestyle medicine in existing pharmacy practice roles.

11:15 AM – 12:15 PM

Clinical Cases in Inpatient Anticoagulation Management: Focus on Bridging

1 Contact Hour UAN: 0050-9999-23-066-L01-P

Activity type: Application Audience: Pharmacists

Presented By:

Sara Jordan Hyland, PharmD, BCCCP; Clinical Pharmacist - Perioperative and Emergency Medicine, OhioHealth Grant Medical Center

David Robinson, PharmD, BCPS; Clinical Pharmacist - Trauma Services, OhioHealth Grant Medical Center

Learning Objectives:

1. Discuss current strategies for perioperative antithrombotic management.
2. Compare bleeding and thrombotic event rates between available anticoagulants.
3. Synthesize anticoagulant treatment plans for complex inpatient scenario.

Pharmacist Role in Addressing Health Equity

1 Contact Hour UAN: 0050-9999-23-067-L99-P

Activity Type: Knowledge Audience: Pharmacists

Presented By:

Rachel Chandra, PharmD, MPH, FASHP; Clinical Pharmacy Practitioner/PGY-1 Program Director, Dayton VA Medical Center

Learning Objectives:

1. Explain the difference amongst the terms health disparities, health equality and health equity.
2. Outline The Joint Commission Standards as it relates to health equity.
3. Discuss social determinants of health as it pertains to pharmaco-equity.
4. Examine some areas with health disparities where the pharmacy workforce can make an impact.

1 Contact Hour UAN: 0050-9999-23-067-L99-T

Activity Type: Knowledge Audience: Pharmacy Technicians

Learning Objectives:

1. Explain the difference amongst the terms health disparities, health equality and health equity.
2. Outline The Joint Commission Standards as it relates to health equity.
3. Discuss social determinants of health as it pertains to pharmaco-equity.
4. Examine some areas with health disparities where the pharmacy workforce can make an impact.



2:00 – 2:30 PM

Medication Dosing in Obese Pediatric Patients

0.5 Contact Hour UAN: 0050-9999-23-068-L01-P Activity Type: Knowledge Audience: Pharmacists

Presented By:

Colleen Cloyd, PharmD, BCPPS; Advanced Patient Care Pharmacist - Critical Care Medicine, Nationwide Children's Hospital

Learning Objectives:

1. Define pediatric obesity.
2. Describe pharmacokinetic differences in obese vs non-obese patients.
3. Recall pharmacokinetic differences in obese vs non-obese patients and apply to general medication dosing concepts.
4. Describe how expansion of EMR functionality could contribute to improvement in appropriate dosing in an obese patient.

Artificial Intelligence Application in Responding to Drug Information Inquiries (AI vs The OGs)

0.5 Contact Hour UAN: 0050-9999-23-069-L99-P Activity Type: Knowledge Audience: Pharmacists
0.5 Contact Hour UAN: 0050-9999-23-069-L99-T Activity Type: Knowledge Audience: Pharmacy Technicians

Presented By:

Mandy Leonard, Pharm.D., BCPS; Senior Director, Drug Use Policy and Formulary Management, Cleveland Clinic
Brian Hoffmaster, Pharm.D., BCPS; Pharmacy Student Coordinator/Drug Information Pharmacist, Cleveland Clinic

Learning Objectives:

1. Define artificial intelligence (AI) in the health care arena.
2. Describe AI interfaces and application to patient care.
3. Discuss the pros and cons of AI preparing responses to drug information questions.

Learning Objectives:

1. Define artificial intelligence (AI) in the health care arena.
2. Describe AI interfaces and application to patient care.

2:30 – 3:00 PM

Check Marks the Spot: Demystifying Chemotherapy Checking with Standard Work ****Patient Safety****

0.5 Contact Hour UAN: 0050-9999-23-070-L05-P Activity Type: Knowledge Audience: Pharmacists

Presented By:

Patricia Roberts, PharmD, MS, BCPS, BCSCP; Director of Pharmacy, Oncology Services, University Hospitals
Stephen (Sang Kit) Wat, PharmD, MPH; PGY2 Pharmacy Resident- HSPAL, University Hospitals
Bryan Wesolowski, PharmD, MBA; Pharmacy Manager, Infusion Operations, University Hospitals

Learning Objectives:

1. Describe use of standard work as a quality improvement tool.
2. Define the role of a pharmacist chemotherapy order verification checklist.
3. Discuss the impact of a standardized chemotherapy order verification checklist on medication safety.

Changing Paradigms - Type 2 Diabetes Management in 2023

0.5 Contact Hour UAN: 0050-9999-23-071-L01-P Activity Type: Knowledge Audience: Pharmacists
0.5 Contact Hour UAN: 0050-9999-23-071-L01-T Activity Type: Knowledge Audience: Pharmacy Technicians

Presented By:

Alexander Hoffman, PharmD, MEd, BCPS, CDCES; Ambulatory Care Clinical Pharmacist, The Cleveland Clinic
Diana Isaacs, PharmD, BCPS, BCACP, CDCES, BC-ADM, FADCES, FCCP; Endocrine Clinical Pharmacy Specialist, Cleveland Clinic

Learning Objectives:

1. Discuss the change in focus of type 2 diabetes management from euglycemia to cardiovascular and renal care.
2. Contrast commercially available therapies based on their metabolic, cardiovascular, and renal endpoints.
3. Given a patient case, discuss appropriate type 2 diabetes drug therapy based on metabolic, cardiovascular, and renal disease.

Learning Objectives:

1. Discuss the change in focus of type 2 diabetes management from euglycemia to cardiovascular and renal care.
2. List common side effects of drug therapies used in the treatment of type 2 diabetes.

3:15 – 4:15 PM

USP <797>: Sterile Compounding Updates

1 Contact Hour UAN: 0050-9999-23-072-L07-P Activity Type: Knowledge Audience: Pharmacists
1 Contact Hour UAN: 0050-9999-23-072-L07-T Activity Type: Knowledge Audience: Pharmacy Technicians

Presented By:

Samir B. Shah, PharmD, MBA, BCSCP; Director of Pharmacy, Mercy Health
Fouad Eid, PharmD, BCSCP; Lead Pharmacist, Mercy Health



Learning Objectives:

1. Describe the major changes in USP <797> going into effect November 2023.
2. Identify components of staff training and assessment that aligns with the updated chapter.
3. Compare and contrast beyond use dating criteria.
4. Define new terminologies stated in the new chapter.

Learning Objectives:

1. Describe the major changes in USP <797> going into effect November 2023.
2. Identify components of staff training and assessment that aligns with the updated chapter.
3. Compare and contrast beyond use dating criteria.
4. Define new terminologies stated in the new chapter.

Drug Diversion Management Pearls: Tools to Improve Hospital Processes ****Patient Safety****

1 Contact Hour UAN: 0050-9999-23-073-L05-P Activity Type: Application
Audience: Pharmacists

Presented By:

Lisa Brady, PharmD, MBA, RPh; Director of Pharmacy, Mercy Health St. Rita's Medical Center

Kevin Blair, PharmD, RPh; Director of Pharmacy, Mercy Health St. Joseph Warren Hospital

Char Newmister, RPh; Director of Pharmacy, Mercy Health St. Anne Hospital

Derek Bibler, PharmD, RPh; Director of Pharmacy, Mercy Health Anderson Hospital

Learning Objectives:

1. Utilize controlled substance override reports to track and trend user override rates and identify opportunities for improvement.
2. Describe how to minimize controlled substance diversion via the use of IV pole lock boxes.
3. Summarize institutional goals to build a visual dashboard to track drug diversion prevention progress.
4. Evaluate controlled substance documentation in your institution to assist with identification of possible diversion activity.

1 Contact Hour UAN: 0050-9999-23-073-L05-T Activity Type: Application
Audience: Pharmacy Technicians

Learning Objectives:

1. Utilize controlled substance override reports to track and trend user override rates and identify opportunities for improvement.
2. Describe how to minimize controlled substance diversion via the use of IV pole lock boxes.
3. Summarize institutional goals to build a visual dashboard to track drug diversion prevention progress.
4. Evaluate controlled substance documentation in your institution to assist with identification of possible diversion activity.

4:15 – 4:45 PM

Novel Biologics Handling and Operations in a Health-System Pharmacy

0.5 Contact Hour UAN: 0050-9999-23-074-L01-P Activity Type: Knowledge Audience: Pharmacists

Presented By:

Jill Blind, PharmD, CCRP; Pharmacy Manager, Nationwide Children's Hospital

Heather Gonce, PharmD; Clinical Research Pharmacist, Nationwide Children's Hospital

Learning Objectives:

1. Outline the safety, history, and outcomes of early gene and cell therapy trials in the United States.
2. Discuss the gene and cell therapy products that have gained FDA approval within the United States.
3. Identify the pharmaceutical storage and equipment necessary to support operations and safe handling.
4. Define future pathways for cell and gene therapies in health-system pharmacy practice.

Supply Chain Optimization: Cost Savings through Preferred Product Purchasing

0.5 Contact Hour UAN: 0050-9999-23-075-L04-P Activity Type: Application Audience: Pharmacists

Presented By:

Matthew McGuire, PharmD, MS, BCPS, Manager, Pharmacy Supply Chain and Automation, University Hospitals

Learning Objectives:

1. Explain factors related to assessing product costs, including true purchasing cost as a weighted factor across account types (GPO, 340B, WAC).
2. Apply cost assessment concepts to identify a preferred product swap.
3. Analyze factors related to product swaps including formulary, compliance, and revenue impact.
4. Evaluate value-based contract activities that can impact preferred product selection.

Learning Objectives:

1. Explain factors related to assessing product costs, including true purchasing cost as a weighted factor across account types (GPO, 340B, WAC).
2. Apply cost assessment concepts to identify a preferred product swap.
3. Analyze factors related to product swaps including formulary, compliance, and revenue impact.
4. Evaluate value-based contract activities that can impact preferred product selection.



Saturday, October 28th

8:00 – 9:00 AM

Evaluating Risk Factors and Unique Clinical Manifestations of Serotonin Syndrome: A Tale of Three Cases

1 Contact Hour UAN: 0050-9999-23-076-L01-P Activity Type: Application Audience: Pharmacists

Presented By:

Justin Reinert, Pharm.D., MBA, BCCCP; Assistant Professor of Clinical Pharmacy and Critical Care Pharmacy Specialist, The University of Toledo College of Pharmacy and Pharmaceutical Care

Loulwa Maktabi, PharmD, BCPS; Visiting Assistant Professor, The University of Toledo College of Pharmacy and Pharmaceutical Care

Learning Objectives:

1. Evaluate drug-drug and drug-disease interactions that may contribute to a diagnosis of serotonin syndrome.
2. Recognize the relevant pharmacokinetic and pharmacodynamic properties of select serotonergic medications as related to the development of serotonin syndrome.
3. Describe the potential for overlapping pathologies that may present concurrently with, or otherwise mimic, the symptomatology of serotonin syndrome.
4. Given a patient case scenario, provide optimal pharmaceutical care.

Navigating the Perfect Storm: New Approaches to Pharmacy Education in the Experiential Setting

****Preceptor Development****

1 Contact Hour UAN: 0050-9999-23-077-L99-P Activity Type: Knowledge Audience: Pharmacists

Presented By:

Brittany Bates, PharmD, BCPS; Associate Professor of Pharmacy Practice, Ohio Northern University

Kasie Landin, PharmD, BCIDP; Clinical Pharmacist/Clinical Assistant Professor, Lima Memorial Health System/Ohio Northern University

Learning Objectives:

1. Discuss the impact of the pandemic and declining enrollment numbers on pharmacy education.
2. Identify approaches to enhance student success in the experiential setting and beyond.

9:00 – 10:00 AM

2022 Ohio Pharmacist Workforce Study Results

1 Contact Hour UAN: 0050-9999-23-078-L04-P Activity Type: Knowledge Audience: Pharmacists
1 Contact Hour UAN: 050-9999-23-078-L04-T Activity Type: Knowledge Audience: Pharmacy Technicians

Presented By:

Jaclyn Boyle, PharmD, MS, MBA, BCACP, FASHP; Assistant Dean, Student Success; Associate Professor, Pharmacy Practice, Northeast Ohio Medical University

Daniel Arendt, PharmD, BCPS; Assistant Professor – Pain Stewardship, University of Cincinnati James L. Winkle College of Pharmacy

Timothy Ulbrich, PharmD; Co-Founder & CEO, Your Financial Pharmacist

Stefanie Lehmier, PharmD, BCPS; Assistant Professor, Pharmacy Practice; Lead Pharmacist, Family Medicine, Northeast Ohio Medical University; SUMMA Health

Learning Objectives:

1. Based on results of the Ohio Pharmacist Workforce Study of 2022, recall demographic and job characteristics of pharmacists in Ohio.
2. Describe trends identified in the Ohio's pharmacist workforce.
3. Discuss implications for Ohio pharmacists, businesses, and healthcare organizations.

Learning Objectives:

1. Based on results of the Ohio Pharmacist Workforce Study of 2022, recall demographic and job characteristics of pharmacists in Ohio.
2. Describe trends identified in the Ohio's pharmacist workforce.
3. Discuss implications for Ohio pharmacists, businesses, and healthcare organizations.

10:15 – 11:15 AM

Talking About Tenecteplase in Acute Ischemic Stroke

1 Contact Hour UAN: 0050-9999-23-079-L01-P Activity Type: Knowledge Audience: Pharmacists

Presented By:

Katie Jarrell, PharmD, BCCCP; Assistant Professor of Pharmacy Practice; Clinical Pharmacy Specialist (Neuro ICU), Ohio Northern University Raabe College of Pharmacy/Miami Valley Hospital

Erica Carlson, Doctor of Pharmacy Candidate 2024; Ohio Northern University College of Pharmacy/ Cleveland Clinic South Pointe Hospital

Learning Objectives:

1. Recall pathophysiology and presenting symptoms of ischemic stroke.
2. Identify appropriate indications for thrombolytic use in ischemic stroke.
3. Compare and contrast tenecteplase to alteplase.
4. Discuss the literature supporting the use of tenecteplase in ischemic stroke.
5. Describe considerations for tenecteplase driven treatment protocols.



11:15 – 11:45AM

Creative Scheduling and Advancement Opportunities: A Focus on Pharmacy Technician Retention and Recruitment

0.5 Contact Hour UAN: 0050-9999-23-080-L04-P Activity Type: Knowledge
Audience: Pharmacists

Presented By:

Samantha Hopton, PharmD, MS; Pharmacy Site Manager, OhioHealth Pickerington Methodist Hospital

Learning Objectives:

1. Outline creative scheduling methods utilized to positively impact pharmacy retention and recruitment.
2. Discuss opportunities to expand roles for pharmacy technician advancement.

0.5 Contact Hour UAN: 0050-9999-23-080-L04-T Activity Type: Knowledge
Audience: Pharmacy Technicians

Learning Objectives:

1. Outline creative scheduling methods utilized to positively impact pharmacy retention and recruitment.
2. Discuss opportunities to expand roles for pharmacy technician advancement.

12:45 – 1:45 PM

Overview of the Treatment of Antimicrobial-Resistant Gram-Negative Infections

1 Contact Hour UAN: 0050-9999-23-081-L01-P Activity Type: Knowledge Audience: Pharmacists

Presented By:

Tiffany Chan, PharmD; PGY1 Pharmacy Resident, Summa Health

Learning Objectives:

1. Identify factors that contribute to the choice of antimicrobial agent.
2. Recall appropriate treatment options for urinary tract infections of Extended spectrum beta-lactamase-producing Enterobacterales (ESBL-E) and Carbapenem-resistant Enterobacterales (CRE).
3. Define appropriate treatment options for systemic infections of ESBL-E, CRE, Carbapenem-resistant Acinetobacter baumannii (CRAB), and Stenotrophomonas maltophilia.
4. Discuss primary literature to the new 2023 IDSA guidelines on resistant gram negative infections

2:00 – 3:00 PM

Standing out Starts with YOU: A Personal Branding and Career Development Workshop

1 Contact Hour UAN: 0050-9999-23-082-L99-P Activity Type: Application
Audience: Pharmacists

Presented By:

Indrani Kar, PharmD; DPLA, System Pharmacy Manager, Formulary and Drug Policy, University Hospitals Health System
Jacalyn Rogers; PharmD, MS, BCPS, CPEL, Senior Director of Pharmacy - Academic Market, University Hospitals Health System

Learning Objectives:

1. Develop a personal and professional brand.
2. Apply ikigai principles and SWOT analysis to an individual development plan.
3. Implement a career portfolio to showcase your unique strengths and plan for an VUCA (volatility, uncertainty, complexity, and ambiguity) future.

1 Contact Hour UAN: 0050-9999-23-082-L99-T Activity Type: Application
Audience: Pharmacy Technicians

Learning Objectives:

1. Develop a personal and professional brand.
2. Apply ikigai principles and SWOT analysis to an individual development plan.
3. Implement a career portfolio to showcase your unique strengths and plan for an VUCA (volatility, uncertainty, complexity, and ambiguity) future.

3:00 – 4:00 PM

State of Ohio Board of Pharmacy Law Review

1 Contact Hour UAN: 0050-9999-23-083-L03-P Activity Type: Knowledge
Audience: Pharmacists

Presented By:

Jenni Wai, RPH, MBA; Chief Pharmacist, Ohio Board of Pharmacy

Learning Objectives:

1. Discuss changes to consult agreements and state rules.
2. Identify the impact of DATA waiver elimination to pharmacy practices.
3. Summarize what a dispenser needs to know about the Drug Supply Chain Security Act (DSCSA).
4. Identify common pitfalls and drug trends.

****Ohio Jurisprudence****

1 Contact Hour UAN: 0050-9999-23-083-L03-T Activity Type: Knowledge
Audience: Pharmacy Technicians

Learning Objectives:

1. Discuss changes to consult agreements and state rules.
2. Identify the impact of DATA waiver elimination to pharmacy practices.
3. Summarize what a dispenser needs to know about the Drug Supply Chain Security Act (DSCSA).
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