

MPA Spring Seminar 2022 Agenda

April 22 – 23, 2022

Montana State University-Billings; Billings, MT University of Montana Skaggs School of Pharmacy; Missoula, MT

An offering from the MPA Health-Systems Academy and University of Montana

ACPE Approval: Attendance at all sessions will provide 7.5 contact hours for pharmacists and 6.5 contact hours for pharmacy technicians although learning objectives may vary on some presentations.



The overall learning objectives of the conference are:

1. To provide evidence-based information / education and emerging practices in the field of pharmacology that enhances professional knowledge, and
2. To provide up-to-date information in pharmaceutical health care that professionals can share with clients.

CE Info: Skaggs School of Pharmacy at the University of Montana is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. This knowledge & application-based program is targeted to pharmacists and pharmacy technicians. Presentations listed in this program have been approved for ACPE continuing education credit as indicated.

How do I receive my CE credits? You will receive a verification code at the end of every lecture you have attended, and the code will be needed to complete an online evaluation and verify your attendance. The MPA office will send registered attendees an email within a week from conference completion, that includes a website link to complete the evaluation and provide your NABP information. Upon successful completion of the online evaluation and CE lecture verification, the credits will be uploaded to CPE Monitor within 60 days from conference completion.

Disclosure of Potential Conflicts of Interest: Skaggs School of Pharmacy at the University of Montana did not receive payment or services from a third party for any aspect of this activity and has no relationships (financial or other) with entities or activities that could be perceived to influence or that give the appearance of potentially influencing any portion of this activity. CE contact info: 406-243-4137 or pharmacy.ce@umontana.edu.

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Today, criminals are selling opioids online without a prescription. The National Association of Boards of Pharmacy, the Partnership for Safe Medicines, and others are working to shut them down with new legislation called the DRUGS Act. Learn more from conference sponsor PSM at <https://safedr.org/DRUGS-Act>

Friday – April 22, 2022	
1:30 – 2:15 pm	Registration, Check In, Pre-Test Questions
2:15 – 2:30 pm	Welcome and Announcements
Pharmacy Resident Project Presentations – Part I	
<i>Module 1 (2:30 – 3:30 pm): Approved for 1 hour Pharmacists credit. Partial credit for the module is not available. UAN: 0035-9999-22-017-L01-P No technician credit available for this module</i>	
2:30 – 2:50 pm Missoula	Use of Phenobarbital in Setting of Acute Alcohol Withdrawal (AAW) Symptom Management Samantha Tracy, PharmD; PGY1 Pharmacy Resident; Providence St Patrick Hospital, Missoula Learning objectives: <ol style="list-style-type: none"> 1. Cite current literature supporting the use of phenobarbital for acute withdrawal 2. Describe the unique pharmacokinetics and pharmacodynamics of phenobarbital and why it may be preferred for patients who chronically consume alcohol.
2:50 – 3:10 pm Missoula	Assessment of Pharmacist Impact on time to Post-Intubation Sedation and Analgesia in the Emergency Department Alec Bohn, PharmD; PGY1 Pharmacy Resident; St. Patrick Hospital, Missoula

	<p>Learning objectives:</p> <ol style="list-style-type: none"> 1. List the reasons why appropriate analgesia/sedation is important for the duration of intubation 2. Identify the common medications for continuous analgesia and sedation used concomitantly with mechanical ventilation
3:10 – 3:30 pm Billings	<p>Implementation of a Layered Learning Model of Pharmacy Education Nathan Karlan, PharmD; PGY1 Pharmacy Resident; Bozeman Deaconess Hospital, Bozeman</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Discuss what the Layered Learning Model of pharmacy education is and how it can be used to further improve pharmacy education when implemented 2. Understand the workflows of the Layered Learning Model of pharmacy education and how technicians may fit into that workflow
3:30 – 3:45 pm	Break
<p>Pharmacy Resident Project Presentations – Part II <i>Module 2 (3:45 – 4:45 pm): Approved for 1 hour Pharmacist and Technician credit. Partial credit for the module is not available. UAN: 0035-9999-22-018-L01-P & 0035-9999-22-018-L01-T</i></p>	
3:45 – 4:05 pm Billings	<p>Practice of Intravenous to Oral Conversion of Antibiotics and Influence on Length of Hospital Stay in a Pediatric Population: A Retrospective Study Kayla Graf, PharmD; PGY1 Pharmacy Resident; SCL Health St. Vincent Healthcare, Billings</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Identify pediatric eligibility criteria for appropriate intravenous to oral antibiotic medication transition 2. List the risks of treating pediatric patients with intravenous antibiotics and technician’s role in preventing medication harm
4:05 – 4:25 pm Missoula	<p>Implementation of a Pharmacist-Led Hepatitis C Clinic Rachel Johnson, PharmD; PGY1 Pharmacy Resident; Providence St. Patrick Hospital, Missoula</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. List relevant patient-specific factors, comorbidities, laboratory values, follow-up parameters, and mainstay drug therapies for the treatment of patients with hepatitis C 2. Identify potential roles and opportunities pharmacists and pharmacy technicians can have in the management of hepatitis C patients
4:25 – 4:45 pm Missoula	<p>Assessment of Current Treatment Modalities and Outcomes in ICU-Associated Delirium Kayla Schapp, PharmD; PGY1 Pharmacy Resident; Providence St. Patrick Hospital, Missoula</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Describe the current literature regarding prevention and treatment of ICU associated delirium 2. Identify pharmacological options in the ICU
4:45 - 5:00 pm	Break
<p>Pharmacy Resident Project Presentations – Part III <i>Module 3 (5:00 – 6:00 pm): Approved for 1 hour Pharmacist and Technician credit. Partial credit for the module is not available. UAN: 0035-9999-22-019-L01-P & 0035-9999-22-019-L01-T</i></p>	
5:00 – 5:20 pm Billings	<p>Appropriateness of Cardiotoxicity Monitoring among Patients Newly Diagnosed with Breast Cancer Receiving Treatment with Anthracyclines or Intravenous HER-2 Targeted Agents Natalie Morgan, PharmD; PGY1 Pharmacy Resident; Billings Clinic, Billings</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Describe rates of appropriate cardiotoxicity monitoring in patients receiving intravenous anthracyclines or HER-2 targeted agents for newly diagnosed breast cancer. 2. Explain importance of cardiac monitoring for patients receiving anthracyclines or HER-2 targeted agents for cancer treatment.
5:20 – 5:40 pm Missoula	<p>Development and Utilization of a Comprehensive Patient Severity Prioritization Scoring Tool Utilizing Clinical Surveillance Software Ethan Meide, PharmD; PGY1 Pharmacy Resident; Benefis Health Systems, Great Falls</p> <p>Learning objectives:</p> <ol style="list-style-type: none"> 1. Identify multiple factors that are used to determine the severity of a patient. 2. Define clinical surveillance software.
5:40 – 6:00 pm Missoula	<p>Implementation of a Pharmacist-driven Oral Chemotherapy Clinic and its Impact on Patients with Cancer Jacob Link, PharmD; PGY1 Pharmacy Resident; St. Peter’s Health, Helena</p>

	Learning objectives: <ol style="list-style-type: none"> 1. Design materials necessary to educate, counsel, and monitor patients receiving oral chemotherapy agents. 2. Explain ways that pharmacy technicians can assist in patient attainment of their prescribed oral chemotherapy agents.
6:00 – 6:15 pm	Post-Test Questions and Evaluations
6:30 – 8:00 pm	Reception/Social Gathering Groups will gather locally in Billings and Missoula for a social gathering off-site (Please join in! Location details will be shared at the conference.)
Saturday – April 23, 2022	
7:30 – 8:00 am	Registration, Check In, and Pre-Test Questions
8:00 – 8:10 am	Welcome and Announcements
Pharmacy Resident Project Presentations – Part IV Module 4 (8:10 – 9:50 am): <i>Approved for 1.5 hours Pharmacist and Technician credit. Partial credit for the module is not available. UAN: 0035-9999-22-020-L01-P & 0035-9999-22-020-L01-T</i>	
8:10 – 8:30 am Missoula	Establishing the Role of Medically-Integrated Specialty Pharmacy Services and its Impact on Patients McKenzie Smith, PharmD; PGY1 Pharmacy Resident; St. Peter’s Health, Helena Learning objectives: <ol style="list-style-type: none"> 1. Identify areas for patient impact in a medically-integrated specialty pharmacy service 2. List the steps involved when implementing a health-system specialty pharmacy 3. List three responsibilities of a specialty pharmacist
8:30 – 8:50 am Missoula	Implementation of a Pharmacist/Physician Collaborative Medication-Assisted Therapy (MAT) Clinic for Treatment of Opioid Use Disorder and Chronic Pain Zach Haskins, PharmD; PGY1 Pharmacy Resident; Montana VA Health Care System, Fort Harrison Learning objectives: <ol style="list-style-type: none"> 1. Identify if availability to MAT results in an increase in access to care, especially amongst rural veterans 2. Describe the role of the pharmacist in MAT for treatment of opioid use disorder and chronic pain
8:50 – 9:10 am Billings	Impact of an Updated Hospital-Wide CIWA-Ar Protocol for Alcohol Withdrawal Syndrome Management Pari Iverson, PharmD; PGY1 Pharmacy Resident; Billings Clinic, Billings Learning objectives: <ol style="list-style-type: none"> 1. Explain the impact of symptom-triggered and front-loaded dosing strategies on hospital length of stay in patients with alcohol withdrawal 2. List medications commonly used for the management of alcohol withdrawal syndrome in adults
9:10 – 9:30 am Billings	Emergency Department Pharmacist Impact on Time to Administration of Heparin in Patients Presenting with DVT, PE, NSTEMI or ACS Taylor Brisben, PharmD; PGY1 Pharmacy Resident; SCL Health St. Vincent Healthcare, Billings Learning objectives: <ol style="list-style-type: none"> 1. Explain the importance of timely administration of heparin to patients presenting with a DVT, PE, NSTEMI, or ACS. 2. Identify areas where pharmacy personnel can help improve time to administration of heparin.
9:30 – 9:50 am Missoula	Transitioning from Activated Partial Thromboplastin Time to Anti-Xa Monitoring for Unfractionated Heparin Anticoagulation Brett Lehman, PharmD; PGY1 Pharmacy Resident; Benefis Health System, Great Falls Learning objectives: <ol style="list-style-type: none"> 1. Identify at least two benefits to using anti-Xa compared to aPTT for heparin monitoring 2. Identify at least two indications for heparin
9:50 – 10:00 am	Break
Pharmacy Resident Project Presentations – Part V Module 5 (10:00 – 11:40 am): <i>Approved for 1.5 hours Pharmacist and Technician credit. Partial credit for the module is not available. UAN: 0035-9999-22-021-L01-P & 0035-9999-22-021-L01-T</i>	
10:00 – 10:20 am Billings	Effects of a Naltrexone Standing Order on Access to Treatment for Substance Use Disorder at Crow/Northern Cheyenne Hospital: A Single-Center Quality Improvement Study Clarissa-Cecile Wu, PharmD; PGY1 Pharmacy Resident; Crow/Northern Cheyenne Hospital, Crow Agency Learning objectives:

	<ol style="list-style-type: none"> 1. Identify the utilities of a naltrexone standing order in the inpatient setting 2. Identify counseling points to educate patients on injectable naltrexone therapy 3. Identify proper storage and handling of naltrexone
10:20 – 10:40 am Missoula	Pharmacist Integration into Oral Chemotherapy at a Community Cancer Center Jennifer Baker, PharmD; PGY1 Pharmacy Resident; Community Medical Center, Missoula Learning objectives: <ol style="list-style-type: none"> 1. Identify the interventions that a pharmacist can contribute to oral chemotherapy management to increase adherence and patient safety 2. Explain methods for developing an integrated pharmacist led oral chemotherapy program 3. Identify interventions to increase adherence in patients on oral chemotherapy
10:40 – 11:00 am Missoula	The Impact of Pharmacist-led Transitions of Care on Medication Adherence in Behavioral Health Hayden Fields, PharmD; PGY1 Pharmacy Resident; St. Peter’s Health, Helena Learning objectives: <ol style="list-style-type: none"> 1. Identify the positive impacts that pharmacist-lead transitions of care services have on patient outcomes in the setting of the behavioral health unit. 2. Explain the importance of accurate medication reconciliations.
11:00 – 11:20 am Billings	Pharmacist Role in the Implementation of a Continuous Renal Replacement Program in a Community Hospital Chelsea Childs, PharmD; PGY1 Pharmacy Resident; Bozeman Health Deaconess Hospital, Bozeman Learning objectives: <ol style="list-style-type: none"> 1. Explain what properties impact the dosing and clearance of medications in continuous renal replacement therapy (CRRT) 2. Identify different strategies for anticoagulation in CRRT
11:20 – 11:40 am Missoula	Implementation of an Outpatient Provider Medication Ordering Menu within the Current EHR Ian FitzGerald, PharmD; PGY1 Pharmacy Resident; Montana VA Healthcare System, Fort Harrison Learning objectives: <ol style="list-style-type: none"> 1. Explain how non formulary medication requests within the VA delay patient care 2. Describe how a guided ordering menu can help reduce medication errors and further emphasize evidence-based medicine
11:40 am – 12:00 pm	Grab and Go Lunch
Non-Resident Session Module 6 (12:00 – 1:00 pm): <i>Approved for 1 hour Pharmacist and Technician credit. Partial credit for the module is not available. UAN: 0035-9999-22-022-L04-P & 0035-9999-22-022-L04-T</i>	
12:00 – 1:00 pm Billings Missoula Missoula Missoula	Montana Pearls Montana Pharmacist Patient Care Alliance Updates Shannon Puckett May, PharmD, BCACP, CPP; Clinical Pharmacist, RiverStone Health, Billings Learning objectives: <ol style="list-style-type: none"> 1. Outline the role of MPPCA in expanding patient access to clinical pharmacy services across the state of Montana 2. Describe the role of clinical pharmacy technicians in clinical pharmacy services Montana ASHP House of Delegate Updates Starla Blank, PharmD; Director of Pharmacy, St. Peter’s Health, Helena Learning objectives: <ol style="list-style-type: none"> 1. List one policy being considered at the ASHP House of Delegates that affects health system pharmacy practice. 2. List one policy being considered at the ASHP House of Delegates that affects pharmacy technicians practicing in a health system. Montana Antimicrobial Stewardship Updates Jenner Minto, PharmD; Faculty, University of Montana, Missoula Learning objectives: <ol style="list-style-type: none"> 1. Identify resistant pathogens that have been isolated in Montana in the last 5 years. Montana Legislative or Board of Pharmacy Updates

	Marcie Baugh, PharmD, Director, Montana Board of Pharmacy, Missoula Learning objectives: 1. Identify recent rule changes to the technician ratio implemented by the Montana Board of Pharmacy.
1:00 – 1:15 pm	Break
Pharmacy Resident Project Presentations – Part VI <i>Module 7 (1:15 – 2:15 pm): Approved for .5 hour Pharmacist credit and Technician credit. Partial credit for the module is not available.</i> UAN: 0035-9999-22-023-L01-P UAN 0035-9999-22-023-L01-T	
1:15 – 1:35 pm Billings	Blood Glucose Out of Range Events Associated with Subcutaneous Insulin Administration in Hospitalized Adults Emma Murter, PharmD, MPH; PGY1 Pharmacy Resident; Billings Clinic, Billings Learning objectives: 1. Describe factors associated with out-of-range blood glucose values in adults receiving subcutaneous insulin 2. List the frequency of out-of-range blood glucose values in adults receiving subcutaneous insulin
1:35 – 1:55 pm Missoula	Identification of areas for intervention by a transitions of care pharmacy service to increase patient safety and satisfaction Megan Nelson, PharmD; PGY1 Pharmacy Resident; Benefis Health System, Great Falls Learning objectives: 1. List potential services which can be offered by a transitions of care pharmacist. 2. Describe benefits of a transitions of care pharmacy service.
1:55 – 2:00 pm	Closing Remarks, Post-Test Questions, and Evaluations
2:00 pm	Adjourn

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