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**2016 MPA Spring Seminar**  
**April 29 – 30, 2016**  
**An offering of the MPA Health-Systems Academy**

Billings Clinic Mary Alice Fortin Education Center – Billings  
Skaggs School of Pharmacy, University of Montana – Missoula



The University of Montana Skaggs School Of Pharmacy and the American Society of Health-System Pharmacists are accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This agenda has been approved for a total of 6.25 contact hours for pharmacists and 4.25 for pharmacy technicians.

**Friday, April 29, 2016**

3:00pm **Montana Pharmacist Patient Care Alliance Meeting**  
**Facilitator:** Carla Cobb, PharmD, BCPP – Riverstone Health, Billings  
*Open meeting; seminar registration not required.*

5:00 – 5:30pm **Registration**

5:30 – 5:40pm **Welcome, Announcements, Pre-Test Questions**

**5:40 – 7:00pm / Module 1 – Four pharmacy resident presentations, post-test questions and evaluation.**  
**UAN #0035-9999-16-018-L04-P&T 1.25 Contact Hours / 0.125 CEU**

5:40 – 6:00pm  
*Presented from Billings*  
**Pharmacist-Led Patient Education: The Impact of Managing Chemotherapy-Induced Nausea and Vomiting in Ambulatory Oncology Patients**  
–Kristyn Gutowski, PharmD, PGY1 Pharmacy Resident -- St. Vincent Healthcare

At the close of this presentation attendees will be able to:

1. Recognize the staffing difficulties that are associated with increased clinical responsibilities without supplementing distributive support in the ambulatory oncology setting.
2. Summarize the value pharmacist-led education is able provide to patient care outcomes.

6:00 – 6:20pm  
*Presented from Billings*  
**Pharmacist Impact in a Patient-Centered Medical Home (PCMH): Average Hemoglobin A1C and Co-morbidity Reduction in Patients with Type 2 Diabetes**  
–Hanna Delaney, PharmD, PGY1 Pharmacy Resident – St. Vincent Healthcare

At the close of this presentation attendees will be able to:

1. Evaluate the impact of pharmacist comprehensive medication management services in reducing hemoglobin A1C and improving disease state knowledge in individuals with type 2 diabetes.
2. Recognize the benefits, challenges, and outcomes associated with pharmacist comprehensive medication management services in patients with type 2 diabetes.

6:20 – 6:40pm  
Presented from Missoula

**Expansion of a Pharmacist-Driven Protocol in the Emergency Department to Optimize Treatment of Urinary Tract Infections**

–Jennifer Marshall, PharmD, PGY1 Pharmacy Resident – Providence St. Patrick Hospital

At the close of this presentation attendees will be able to:

1. Identify appropriate antimicrobial therapy for the treatment of uncomplicated urinary tract infections and complicated urinary tract infections in patients with diabetes.
2. Discuss the significance of over-prescribing antimicrobials in the setting of asymptomatic bacteriuria.

6:40 – 7:00pm  
Presented from Missoula

**Evaluation of Discharge Transition of Care from an Acute Care Setting**

–Lauren Stauffer, PharmD, PGY1 Pharmacy Resident – Providence St. Patrick Hospital

At the close of this presentation attendees will be able to:

1. Describe the impact transitions of care can have on both patient safety and healthcare costs.
2. Describe pharmacist's role in transitions of care.

7:00 – 7:15pm

**Post-Test Questions and Evaluations**

7:15pm

**Receptions**

**Saturday, April 30, 2016**

8:00am

**Registration and Continental Breakfast**

8:30am

**Welcome, Announcements and Pre-Test Questions**

**8:40 – 10:50am / Two ASHP Advantage Presentations**

**See instructions in registration packet regarding filing for continuing education.**

8:40 – 9:40am  
Presented from Missoula

**Improving Adult Immunization across the Continuum of Care: Making the Most of Opportunities in the Ambulatory Care Setting**

–Dennis Williams, PharmD, BCPS, AE-C, FASHP, FCCP, FAPhA – ASHP Advantage

At the close of this presentation attendees will be able to:

1. Outline current adult vaccination recommendations for the influenza, pneumococcal, tetanus toxoid, reduced diphtheria toxoid, acellular pertussis (Tdap), and herpes zoster vaccines.
2. Provide recommendations for vaccinations in adult immunocompromised patients.
3. Recommend vaccines for healthcare personnel and strategies to optimize coverage.
4. Outline approaches to improve adult vaccination rates across all populations in the ambulatory care setting.

*This session is sponsored by the American Society of Health-System Pharmacists (ASHP) and planned by ASHP Advantage, a division of ASHP. Supported by an educational grant from Merck.*

9:40 – 9:50am

**Break**

9:50 – 10:50am  
*Presented from Billings*

### **Improving Patient Outcomes with Effective Antimicrobial Stewardship Programs**

–Kevin Garey, PharmD, MS, FASHP – ASHP Advantage

At the close of this presentation attendees will be able to:

1. Select specific clinical areas that antimicrobial stewardship programs (ASPs) are useful for combating antimicrobial resistance and decreasing the spread of resistant infections.
2. Outline national initiatives that are directly influencing the role of ASPs.
3. Provide specific examples of the bundled approach to ASPs.
4. Recommend clinical interventions for ASPs that can be implemented in various pharmacy practice models.

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10:50 – 11:00am

### **Break**

**11:00am – 12noon / Module 2 – Three pharmacy resident presentations, post-test questions and evaluation.  
UAN #0035-9999-16-019-L04-P&T 1.0 Contact Hours / 0.1 CEU**

11:00 – 11:20am  
*Presented from Missoula*

### **Development of a Pharmacist Driven Medication Review Process to Address Polypharmacy within a Neurology Clinic**

–Lindsey Firman, PharmD, PGY1 Pharmacy Resident – Bozeman Health Deaconess Hospital

At the close of this presentation attendees will be able to:

1. Identify patients at risk for polypharmacy mediated adverse effects.
2. Integrate medication review into the daily process and employ different methods of communication with other healthcare providers.

11:20 – 11:40am  
*Presented from Missoula*

### **Low-dose Ketamine for Prehospital Analgesia**

–Stephanie Wuerffel, PharmD, PGY1 Pharmacy Resident – Bozeman Health Deaconess Hospital

At the close of this presentation attendees will be able to:

1. Describe the advantages and disadvantages of using ketamine for prehospital analgesia.
2. Outline appropriate dosing, administration, and patient monitoring of prehospital ketamine for analgesia.

11:40am – 12noon  
*Presented from Missoula*

### **Pharmacist Run Oral Anti-Cancer Clinic**

–Alanna Causebrook, PharmD, PGY1 Pharmacy Resident -- Benefis Health System

At the close of this presentation attendees will be able to:

1. Describe the importance of an oral anticancer clinic.
2. List the fundamental aspects of a pharmacist run clinic.

12noon – 12:15pm

### **Post-Test Questions and Evaluations**

12:15 – 12:30pm

### **Lunch**

**12:30 – 1:30pm / Module 3 -- Three pharmacy resident presentations, post-test questions and evaluation.  
UAN #0035-9999-16-021-L04-P&T 1.0 Contact Hours / 0.1 CEU**

12:30 – 12:50pm  
*Presented from Missoula*

### **Point-of-Care Testing for Pharmacy-Run Hepatitis C Screening Service**

–Jessi Cahoon, PharmD, PGY1 Pharmacy Resident – Community Medical Center

At the close of this presentation attendees will be able to:

1. Recognize the appropriateness of Hepatitis C screening for patients based on current CDC guidelines.
2. Explain the testing process for diagnosing patients with Hepatitis C in the ambulatory care setting.

12:50 – 1:10pm  
*Presented from Missoula*

**Impact of the Ambulatory Care Pharmacist on the Management of Comorbid Disease States in Pregnant Women**

–Cassidy Lloyd, PharmD, PGY1 Pharmacy Resident – Community Medical Center

At the close of this presentation attendees will be able to:

1. Identify women who are pregnant and who would benefit from pharmacist intervention in the management of asthma, smoking cessation, diabetes, thyroid disorders, or anticoagulation.
2. Identify barriers to implementing ambulatory care services in this patient population.

1:10 – 1:30pm  
*Presented from Missoula*

**Serious Gaming in Pharmacy Education: Zombie Pharmacy**

–Micah Miller, PharmD, Drug Information/Academia Resident – University of Montana

At the close of this presentation attendees will be able to:

1. Describe the core concepts of serious gaming as it applies to the academic setting.
2. Discuss the potential pharmacy-related skills that zombie pharmacy may impart.

1:30 – 1:45pm

**Post-Test Questions and Evaluations**

1:45 – 2:00pm

**Break**

**2:00 – 3:00pm / Module 4 -- Three pharmacy resident presentations, post-test questions and evaluation.  
UAN #0035-9999-16-022-L04-P&T 1.0 Contact Hours / 0.1 CEU**

2:00 – 2:20pm  
*Presented from Billings*

**Implementation of a Customized Electronic Alert for QTc Prolonging Medications: An Evaluation of Prescribing Habits in the Inpatient Environment**

–Kayla Nordhus, PharmD, PGY1 Pharmacy Resident – Billings Clinic

At the close of this presentation attendees will be able to:

1. Identify components important in developing a Clinical Decision Support System alert.
2. Discuss the role of the pharmacist when verifying a Clinical Decision Support System alert.

2:20 – 2:40pm  
*Presented from Billings*

**Growth Changes in Premature Neonates: A Retrospective Analysis of Human Versus Bovine Milk Fortifiers**

–Kelsie Ophus, PharmD, PGY1 Pharmacy Resident – Billings Clinic

At the close of this presentation attendees will be able to:

1. Distinguish the significance for using human milk fortifiers versus bovine milk fortifiers.
2. Describe nutrition methods used in the neonatal population to achieve adequate growth.

2:40 – 3:00pm  
*Presented from Billings*

**Implementation of Education Plus Provider-Specific Prescribing Reports and the Effects on Antipsychotic Polypharmacy in Children and Adolescents with Mental Illness in an Outpatient Behavioral Health Center**

–Lesley Rogers, PharmD, MPH, PGY1 Pharmacy Resident – Billings Clinic

At the close of this presentation attendees will be able to:

1. Discuss the impact of education and psychiatric provider-specific prescribing reports on antipsychotic polypharmacy in children and adolescents with mental illness.
2. Describe the challenges of implementing a multi-interventional project design to impact provider prescribing habits.

3:00 – 3:15pm

**Post-Test Questions and Evaluations**

3:15 – 3:30pm

**Closing Remarks / Adjourn**