1. Identify interventions to improve operational efficiency and contribute to positive patient outcomes.
2. Describe the impact of medication-related patient falls.
3. Identify the differences in heart failure readmission rates between groups that meet with an ambulatory pharmacist and those that do not and evaluate whether the significance between the outcomes.
4. Explain the difference between the Pharmacy Intensity Score (PIS) and Case Mix Index (CMI).

Program Objectives:
1. Evaluate ceftriaxone for treatment of MSSA infective endocarditis as compared to cefazolin or oxacillin.
2. Identify limitations of previous literature examining therapeutic drug monitoring of TMP/SMX.
3. Describe the clinical dilemma that exists in treatment of beta-lactam allergic patients with a gram negative bacilli bloodstream infection.
4. Explain laboratory methodologies for viral respiratory pathogen identification.

Session 1B

1. "Clinical and economic impacts of changing preferred stress ulcer prophylaxis in a medical intensive care unit"
   Jacqueline Lee (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA

2. "Preliminary Analysis Of Anticoagulation Outcomes After Implementation Of Therapeutic Unfractionated Heparin Dosing Guidelines In Morbidly Obese Patients"
   Ryan Thurm (PGY1), The University of Iowa Hospitals and Clinics - Iowa City, IA

3. "Evaluation of ACLS guideline adherence during in-hospital cardiac arrest in a large academic institution"
   Tim Peterson (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA

4. "Evaluating the effects of dexmedetomidine on lorazepam and haloperidol use in patients with alcohol withdrawal"
   Riley Lizzio (PGY1), Rapid City Regional Hospital - Rapid City, SD

Program Objectives:
1. Identify patients at risk of stress ulcers and indications for stress ulcer prophylaxis.
2. Explain why UFH dosing in obese patients vary and recall the general change in dosing required for therapeutic anticoagulation.
3. Identify the most common errors that occur during cardiac arrest response.
4. Describe the effects of dexmedetomidine on alcohol withdrawal.

Session 1C

1. "Impact of chronic opioid use on pain control and opioid utilization in surgical patients"
   Molly McConville (PGY1), St. Alexius Medical Center - Bismarck, ND

2. "Comparison of MTM Recommendations Written by Pharmacists with and without Access to Electronic Health Records in a Rural Healthcare System"
   Sarah Taylor (PGY1), Lake Region Healthcare/NDSU College of Pharmacy/CPI - Fergus Falls, MN

3. "Provider Satisfaction Of A Rural In-Home And Tele-Health Medication Therapy Management Service"
   Stephanie Hacker (PGY1), Lake Region Healthcare/NDSU College of Pharmacy/CPI - Fergus Falls, MN

4. "Clinical Value Associated With A Post-Operative Bariatric Surgery Pharmacy Consult"
   Scott Seaburg (PGY1), North Memorial Health System - Robbinsdale, MN

Program Objectives:
1. Explain differences in postoperative analgesic requirements between opioid-tolerant and opioid-naive patients.
2. Describe MTM recommendations made by pharmacists with/without EHR access.
3. Identify areas for pharmacy to be involved in the health of its rural, aging community.
4. Identify potential drug therapy problems relating to medications taken by bariatric surgery patients.

Session 1D

1. "Reducing Turn-Around Time for First-Dose Antibiotics"
   Patrick Birney (PGY2), Houston Methodist Hospital - Houston, TX

2. "Evaluating the impact and development of a communication strategy for clinical pharmacists on the number of medication-related patient falls."
   Sarah Lutz (PGY1), The University of Kansas Hospital - Kansas City, KS

3. "Impact of an Ambulatory Pharmacist on 30-day Heart Failure Readmission Rates"
   Taken Main (PGY2), The University of Kansas Hospital - Kansas City, KS

4. "Measuring pharmacist workload: identifying appropriate productivity metrics"
   Sarah Daniel (PGY2), The University of Kansas Hospital - Kansas City, KS

Program Objectives:
1. Identify interventions to improve operational efficiency and contribute to positive patient outcomes.
2. Describe the impact of medication-related patient falls.
3. Identify the differences in heart failure readmission rates between groups that meet with an ambulatory pharmacist and those that do not and evaluate whether the significance between the outcomes.
4. Explain the difference between the Pharmacy Intensity Score (PIS) and Case Mix Index (CMI).
Session 1E (7:30 To 9:30) Big Blue B Hematology/Oncology
ACPE UAN 0128-0000-037-L01-P

- **7:30 to 8:00**
  - "Potential Cost Savings Through Drug Vial Optimization (DVO) at a Community Hospital in an Oncology Outpatient Clinic Setting"
  - Fred Davids (PGY1), Stormont-Vail HealthCare - Topeka, KS

- **8:00 to 8:30**
  - "Oral Oncology Drug Utilization Review In An Academic Medical Facility"
  - Beth Gustafson (PGY1), University of Missouri Health Care - Columbia, MO

- **8:30 to 9:00**
  - "Evaluating Guideline Adherence For The Management Of Neutropenic Fever"
  - Beejal Ganti (PGY1), University of Missouri Health Care - Columbia, MO

- **9:00 to 9:30**
  - "Impact of pharmacists’ interventions on adherence and adverse effects in patients taking oral chemotherapeutic agents."
  - Lisa Narveson (PGY1), Sanford Medical Center Fargo - Fargo, ND

### Program Objectives:
1. Determine the viability of using DVO on select single dose agents as a cost containment strategy at our oncology outpatient clinic.
2. Identify potential consequences in the outpatient shift of cancer treatment.
3. Identify which bacteria are covered with guideline-based empiric antibiotic therapy.
4. Describe methods to improve adherence with oral chemotherapeutic agents.

Session 1F (7:30 To 9:30) Big Blue C Internal Medicine
ACPE UAN 0128-0000-038-L01-P

- **7:30 to 8:00**
  - "Cost analysis of pharmacist versus physician warfarin management in post total hip or knee arthroplasty patients"
  - Ivy Lovendahl (PGY1), Wesley Medical Center - Wichita, KS

- **8:00 to 8:30**
  - "Parenteral Nutrition Usage in a Community Hospital"
  - Lisa Miller (PGY1), Mayo Clinic Health System-Mankato - Mankato, MN

- **8:30 to 9:00**
  - "Use Of Interdisciplinary Huddles In The Prevention And Management Of Hypoglycemia In The Acute Care Setting"
  - Steve Larson (PGY1), Abbott Northwestern Hospital - Minneapolis, MN

- **9:00 to 9:30**
  - "Medication Dosing Protocol Specific To Obese Patients"
  - Chelsey Fitzgerald (PGY1), SSM St. Mary’s Health Center - Richmond Heights, MO

### Program Objectives:
1. Describe the benefits of pharmacist dosing of warfarin that have been described in the literature.
2. List when to appropriately initiate and the recommended duration of parenteral nutrition use in post-surgical patients on a general surgical floor as defined by the A.S.P.E.N. guidelines.
3. Identify risk factors predisposing patients to hypoglycemia.
4. Explain the influence of obesity on the pharmacokinetics and dosing regimens of medications.

Session 1G (7:30 To 9:30) Council Bluffs A Primary/Ambulatory Care
ACPE UAN 0128-0000-039-L01-P

- **7:30 to 8:00**
  - "Pilot Protocol for Quality Improvement Project: Integration of Pharmaceutical Care Services for Non-Cancerous Chronic Pain Patients in Primary Care"
  - Mike Eannelli (PGY1), FirstLight Health System, University of Minnesota College of Pharmacy - Mora, MN

- **8:00 to 8:30**
  - "Evaluation of pharmacist involvement in outpatient diabetes care.”
  - Ryan Baker (PGY2), CoxHealth System - Springfield, MO

- **8:30 to 9:00**
  - "Assessing Change In Heart Failure Knowledge At A Pilot, Interprofessional Transitions-Of-Care Clinic Using A Low-Literacy Assessment Tool"
  - Kevin Pluymers (PGY1), University of Arkansas for Medical Sciences Medical Center - Little Rock, AR

- **9:00 to 9:30**
  - "Adherence to Adjutant Neuropathic Pain Medications in Palliative Care"
  - Steve Larson (PGY1), Abbott Northwestern Hospital - Minneapolis, MN

### Program Objectives:
1. Explain how pharmaceutical care is a feasible component of an integrated chronic non-cancerous pain management protocol in primary care.
2. Describe the impact of pharmacy input on patients reaching their diabetes treatment goals.
3. Describe health literacy and the utility of heart failure knowledge assessment as it relates to self-care.
4. Describe medication adherence and the potential negative effects of non-adherence.

Session 1H (7:30 To 9:30) Council Bluffs B Pharmacy Practice
ACPE UAN 0128-0000-040-L04-P

- **7:30 to 8:00**
  - "Evaluation of the Multiple-Mini Interview Process as a Predictor of Academic Difficulty in the Pharm.D. Curriculum"
  - Bryan Bordelon (PGY1), University of Arkansas for Medical Sciences Medical Center - Little Rock, AR

- **8:00 to 8:30**
  - "Utilizing A Pharmacist Calculated 4T Score To Assess The Appropriateness Of Hepatitis-Induced Thrombocytopenia Antibody Testing"
  - Livia Mackley (PGY1), Rapid City Regional Hospital - Rapid City, SD

- **8:30 to 9:00**
  - "Evaluation of a Pharmacy-Designed Protocol for Managing Crotalidae Envenomation"
  - Ryan Sayler (PGY1), Saint Francis Hospital - Tulsa, OK

- **9:00 to 9:30**
  - "Evaluation of Intraluminal Volume Dose Alteplase for the Clearance of Occluded Peripherally Inserted Central Catheter (PICC) Lines at a Long-Term Acute Care Hospital."
  - Stephen Sapienza (PGY1), HealthEast - Bethesda Hospital - St. Paul, MN

### Program Objectives:
1.) Describe the Multi-Mini Interview process.
2.) Calculate a 4T score and place patient in appropriate risk category.
3.) Describe the recommended antivenin dosing for pit viper snakebites.
4.) Describe the mechanism of action and proper administration technique of alteplase.
### Session 2A (10:30 To 12:00) - Elkhorn A - Infectious Disease

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institutional Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 to 11:00</td>
<td>“Incidence of Serotonin Syndrome with Concomitant Use of Linezolid and Serotonergic Agents Compared to Linezolid Monotherapy”</td>
<td>Diana Karkow (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA</td>
<td></td>
</tr>
<tr>
<td>11:00 to 11:30</td>
<td>“Comparison of Outcomes Status Post External Ventricular Drain Antibiotic Prophylaxis”</td>
<td>Ashley Kral (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA</td>
<td></td>
</tr>
<tr>
<td>11:30 to 12:00</td>
<td>“An Evaluation of Tranexamic Acid for the Prevention of Blood Loss during Knee Surgery”</td>
<td>Adam Johnson (PGY1), St. Alexius Medical Center - Bismarck, ND</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Describe the interaction between linezolid and serotonergic agents and the risks associated with combination therapy.
2. List key issues surrounding antibiotic prophylaxis for external ventricular drain placement.
3. Identify the difference in estimated blood loss in patients that received tranexamic acid and those that did not.

### Session 2B (10:30 To 12:00) - Elkhorn B - Critical Care

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institutional Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 to 11:00</td>
<td>“Quantification of Systemic Metabolic Contribution from Continuous Venovenous Hemofiltration Utilizing Regional Citrate Anticoagulation”</td>
<td>Andrea New (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN</td>
<td></td>
</tr>
<tr>
<td>11:00 to 11:30</td>
<td>“Risk Factors For Dexmedetomidine-Associated Hemodynamic Instability”</td>
<td>Calvin Ice (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN</td>
<td></td>
</tr>
<tr>
<td>11:30 to 12:00</td>
<td>“Tranexamic Acid Versus Aminocaproic Acid Versus No Lysine Analog: Reducing Blood Transfusion In Orthopedic Knee And Hip Surgeries”</td>
<td>Michael Peters (PGY1), Via Christi Hospitals Wichita, Inc - Wichita, KS</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Explain how continuous venovenous hemofiltration may contribute to caloric gain in critically ill adults.
2. Define the incidence of dexmedetomidine-associated hemodynamic instability reported in previous literature.
3. Recall the mechanism of action by which lysine analogs exert their effects.

### Session 2C (10:30 To 12:00) - Elkhorn C - Pharmacy Practice

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institutional Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 to 11:00</td>
<td>“Potential Impact Of Implementing A Standardized Allergy Documentation System With A Tiered Allergy Component”</td>
<td>Ryan Birk (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
<td></td>
</tr>
<tr>
<td>11:00 to 11:30</td>
<td>“Implementation Of Lean Methodology To Reduce Missing Medications At A 600 Bed General Medical And Surgical Facility”</td>
<td>Sunaina Rao (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
<td></td>
</tr>
<tr>
<td>11:30 to 12:00</td>
<td>“Evaluation of Nurse Driven Medication Indication and Side Effect Teaching During Medication Administration”</td>
<td>Christina Luke (PGY1), North Memorial Medical Center - Robbinsdale, MN</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Describe the clinical and operational impact of allergy alerts on patient safety.
2. Describe the usage of Lean methodology.
3. Describe HCAHPS and how pharmacy and nursing can work collaboratively to improve scores.

### Session 2D (10:30 To 12:00) - Big Blue A - Primary/Ambulatory Care

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institutional Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 to 11:00</td>
<td>“Impact of a pharmacist run medication therapy management clinic on appropriate gastroesophageal reflux disease treatment.”</td>
<td>Kayla Hughes (PGY1), VA Black Hills Health Care System - Piedmont, SD</td>
<td></td>
</tr>
<tr>
<td>11:00 to 11:30</td>
<td>“Evaluation Of Male Patients At High Risk For Osteoporosis”</td>
<td>Andrew Konechne (PGY1), VA Black Hills Healthcare System - Fort Meade, SD</td>
<td></td>
</tr>
<tr>
<td>11:30 to 12:00</td>
<td>“Implementation of clinical pharmacy services in the emergency department at a rural Veterans Affairs healthcare system: A quality improvement project.”</td>
<td>Shawn Dalton (PGY2), VA Black Hills Healthcare System - Hot Springs, SD</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Identify the appropriate duration of initial proton pump inhibitor therapy for gastroesophageal reflux disease.
2. Identify which male patients are at highest risk for developing osteoporosis.
3. Describe the need for clinical pharmacists in the emergency department.

### Session 2E (10:30 To 12:00) - Big Blue B - Hematology/Oncology

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institutional Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 to 11:00</td>
<td>“Evans Syndrome: A Descriptive Analysis Of Treatment Options And The Corresponding Response Rates”</td>
<td>Edward McLean (PGY1), Houston Methodist Hospital - Houston, TX</td>
<td></td>
</tr>
<tr>
<td>11:00 to 11:30</td>
<td>“A Single-Center Retrospective Analysis of Carboplatin Dosing in Obesity and Renal Impairment”</td>
<td>Eleanor Hobaugh (PGY2), Houston Methodist Hospital - Houston, TX</td>
<td></td>
</tr>
<tr>
<td>11:30 to 12:00</td>
<td>“Evolution Of Pain Assessment Practices In Cancer Patients Admitted To The Oncology Floor.”</td>
<td>Cynthia El Rahi (PGY1), Houston Methodist Hospital - Houston, TX</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Identify treatment options utilized in the management of patients with Evans syndrome.
2. Explain carboplatin dosing strategies and implications with consideration for renal function and obesity.
3. Describe the National Comprehensive Cancer Network (NCCN) recommendations for cancer pain assessment.
THURSDAY, MAY 8, 2014

Session 2F (10:30 To 12:00) Big Blue C Critical Care

10:30 to 11:00  *Achievement of Appropriate Anti-XA Levels with Standard Prophylactic Dose Enoxaparin in a Trauma Population*
Rachel Williams (PGY2), Wesley Medical Center - Wichita, KS

11:00 to 11:30  *Impact Of Pharmacist Intervention On Inappropriate Stress-Ulcer Prophylaxis Prescribing Practices In A Community Hospital Setting*
Lisa Pham (PGY1), Salina Regional Health Center - Salina, KS

11:30 to 12:00  *Evaluation of Emergency Department Initial Antimicrobial Agents in Patients with Severe Sepsis and Septic Shock*
Sarah Minner (PGY1), Barnes-Jewish Hospital - St. Louis, MO

Program Objectives:
1.) Identify the risk of VTE in trauma patients.
2.) Describe the impact of pharmacy intervention on stress-ulcer prophylaxis prescribing practices.
3.) Identify deficits in guidelines and literature regarding the definition and practice of initial, appropriate antimicrobial use.

Session 2G (10:30 To 12:00) Council Bluffs A Clinical Services Management

10:30 to 11:00  *The Impact Of Pharmacy Liaison Services In A Large Community Hospital*
Nicole Rychlick (PGY1), Mercy Hospital - Springfield, MO

11:00 to 11:30  *Implementation Of A Clinical Scoring Tool At Abbott Northwestern Hospital: A Valuable Tool For Conducting Efficient And Effective Patient Profile Reviews *
Rana Shouman (PGY1), Abbott Northwestern Hospital - Minneapolis, MN

11:30 to 12:00  *Use of Multidisciplinary Education to Enhance Insulin Infusion Transition Adherence*
Kristen Backe (PGY1), CoxHealth System - Springfield, MO

Program Objectives:
1.) Describe current multimodal pain management strategies and guidelines.
2.) Explain the prevalence of health service deficits among US adults with at least one chronic illness 10 years prior to and 10 years after Medicare eligibility.
3.) Describe the effect of clinical decision support on computerized provider order entry.

Session 2H (10:30 To 12:00) Council Bluffs B Internal Medicine

10:30 to 11:00  *A comparison of bupivacaine liposome injectable suspension (BLIS) to a standard peri-articular injection for post-operative analgesia following major orthopedic surgery *
Susan Dynneson (PGY1), Trinity Health - Minot, ND

11:00 to 11:30  *Cross-sectional study examining the differences in the prevalence of health service deficits among US adults with at least one chronic illness of COPD, asthma, arthritis, and/or diabetes 10 years prior to and 10 years after Medicare eligibility.*
Catherine Kucharyski (PGY1), Essentia Health - St. Mary's Medical Center - Duluth, MN

11:30 to 12:00  *Using Clinical Decision Support (CDS) to Monitor for Risk of Drug Induced Torsades de Pointes (TDP) within a Computer Provider Order Entry (CPOE) System*
David Nguyen (PGY1), SSM St. Mary's Health Center - Richmond Heights, MO

Program Objectives:
1.) Describe current multimodal pain management strategies and guidelines.
2.) Explain the prevalence of health service deficits among US adults with at least one chronic illness 10 years prior to and 10 years after Medicare eligibility.
3.) Describe the effect of clinical decision support on computerized provider order entry.

Session 3A (1:00 To 3:00) Elkhorn A Infectious Disease

1:00 to 1:30  *Differences in the Prescribing Patterns of Antibiotics for the Empiric Treatment of Potential Staphylococcus aureus Infections in Rural Versus Non-Rural US Adults*
John Grygelko (PGY1), Essentia Health - St. Mary’s Medical Center - Duluth, MN

1:30 to 2:00  *Evaluation Of Physician And Pharmacy Vancomycin Management In Obese And Non-Obese Patients*
James Foster (PGY1), Saint Francis Hospital - Tulsa, OK

2:00 to 2:30  *The safety of inhaled tobramycin in non-cystic fibrosis pediatric patients*
Carolyn Pfeifer (PGY1), The Nebraska Medical Center - Omaha, NE

2:30 to 3:00  *Evaluation of airway cultures and empiric combination antibiotic regimens: a quality improvement study*
J.K. Sturgeon (PGY1), CoxHealth System - Springfield, MO

Program Objectives:
1.) Identify risk factors in specific patient populations for potential Staphylococcus aureus infections.
2.) List the 2009 IDSA/ASHP/SIDP vancomycin guideline as it relates to dosing of vancomycin in obese patients.
3.) Identify the risk of VTE in trauma patients.
4.) Describe the potential benefits from the utilization of combination antibiotics.

Session 3B (1:00 To 3:00) Elkhorn B Critical Care

1:00 to 1:30  *Measuring Outcomes Of Patients Receiving Liposomal Bupivacaine Versus Traditional Pain Control*
Maria Agunsoye (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN

1:30 to 2:00  *Evaluation of daptomycin use for hip, knee, and shoulder prosthetic joint infections*
Quang Cao (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN

2:00 to 2:30  *Evaluation And Optimization Of Appropriate Use Of Piperacillin-Tazobactam At An Academic Medical Center.*
Kristine Widboom (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN

2:30 to 3:00  *The incidence of fever During the Use of Dexmedetomidine Infusion for Greater than 48 Hours*
Meghan Lee (PGY1), Fairview Southdale Hospital - Edina, MN

Program Objectives:
1.) Describe the impact of multimodal approach to pain management.
2.) Describe the impact of prosthetic joint infections (PJI) on patient’s quality of life.
3.) List the objectives of antimicrobial stewardship programs.
4.) Explain fever as part of the side effect profile of dexmedetomidine.
### Session 3C (1:00 To 3:00) - Pediatrics/Neonatology

**ACPE UAN 0128-0000-051-L01-P**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 to 1:30</td>
<td>&quot;Creation and implementation of policy and procedure for intranasal medication administration&quot; Amanda Vander Tuig (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
</tr>
<tr>
<td>1:30 to 2:00</td>
<td>&quot;Use of fluconazole as prophylaxis for invasive Candida infections in preterm infants: a retrospective chart review&quot; Stephanie Le (PGY1), Crohn's &amp; Colitis Foundation of America - Saint Louis, MO</td>
</tr>
<tr>
<td>2:00 to 2:30</td>
<td>&quot;Evaluation of a creatinine-based vancomycin dosing regimen in the neonatal intensive care unit.&quot; Emily Sass (PGY1), Avera McKennan Hospital &amp; University Health Center - Sioux Falls, SD</td>
</tr>
<tr>
<td>2:30 to 3:00</td>
<td>&quot;Comparison of Treatment Outcomes for Adolescent Patients Completing an Interdisciplinary Pain Rehabilitation Program Based on Opioid Use Status at Admission&quot; Heather Standorf (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Identify a policy and procedure for an alternative route of administration.
2. Identify the complications associated with invasive fungal infections in preterm infants.
3. Describe patient characteristics to consider when dosing vancomycin in the neonatal population.
4. Describe the role of pain rehabilitation programs in managing chronic noncancer pain in adolescents.

### Session 3D (1:00 To 3:00) - Primary/Ambulatory Care

**ACPE UAN 0128-0000-052-L04-P**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 to 1:30</td>
<td>&quot;Implementation of a Pediatric Asthma Service: Impact, Challenges and Future Plans&quot; Ryan Pett (PGY1), Rapid City PHS Indian Hospital - Rapid City, SD</td>
</tr>
<tr>
<td>1:30 to 2:00</td>
<td>&quot;Discharge Counseling and Medication Review: An evaluation of 30-day Re-admittance and Patient Satisfaction with a Pharmacist Run Discharge Counseling and Medication Review Service&quot; Laurel Aasberg (PGY1), CoxHealth System - Springfield, MO</td>
</tr>
<tr>
<td>2:00 to 2:30</td>
<td>&quot;Enoxaparin Prophylaxis In Trauma Patients&quot; Katie Norton (PGY1), Via Christi Hospitals Wichita, Inc. - Wichita, KS</td>
</tr>
<tr>
<td>2:30 to 3:00</td>
<td>&quot;Characteristics of a 30-day readmission population using adverse drug event&quot; Meghan Haftman (PGY1), Via Christi Hospitals Wichita, Inc. - Wichita, KS</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Describe the implementation of a pharmacist-led pediatric asthma service.
2. Describe the benefits of a pharmacist run discharge counseling service within an inpatient health system.
3. Describe deep venous thromboembolism (DVT) prophylaxis with enoxaparin.

### Session 3E (1:00 To 3:00) - Internal Medicine

**ACPE UAN 0128-0000-053-L01-P**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 to 1:30</td>
<td>&quot;Retrospective Evaluation of a Standardized Order Set for the Treatment of Diabetic Ketoacidosis in the Medical Intensive Care Unit&quot; Adam Baird (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA</td>
</tr>
<tr>
<td>1:30 to 2:00</td>
<td>&quot;Incidence of Gastrointestinal Bleeds in Patients with Continuous-flow Left Ventricular Assist Devices Prescribed Serotonergic Agents&quot; Jordan Schultz (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA</td>
</tr>
<tr>
<td>2:00 to 2:30</td>
<td>&quot;Comparison of Enoxaparin with Unfractionated Heparin (UFH) for Venous Thromboembolism (VTE) Prophylaxis in Medically Ill Dialysis Patients&quot; Amanda Buckallew (PGY1), Missouri Baptist Medical Center - Saint Louis, MO</td>
</tr>
<tr>
<td>2:30 to 3:00</td>
<td>&quot;Assessment Of Blood Glucose Control In General Medicine Patients Treated With Subcutaneous Insulin In A Community Hospital.&quot; Catherine Mattli (PGY1), Alegent Creighton Health Bergan Mercy Medical Center - Omaha, NE</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. List the criteria for resolution of diabetic ketoacidosis.
2. Explain the mechanism by which serotonergic agents may predispose patients to an increased risk of gastrointestinal bleeding.
3. Explain the concerns associated with enoxaparin use for VTE prophylaxis in dialysis patients.
4. Describe the preferred insulin regimen for the management of hyperglycemia in non-critically ill patients according to the AACE and ADA.

### Session 3F (1:00 To 3:00) - Pharmacy Practice

**ACPE UAN 0128-0000-054-L04-P**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 to 1:30</td>
<td>&quot;Impact of Hospital Pharmacy on Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) Survey Results&quot; Namhee Kwak (PGY1), Houston Methodist Hospital - Houston, TX</td>
</tr>
<tr>
<td>1:30 to 2:00</td>
<td>&quot;Drug-Related Rehospitalizations Within Seven Days: A Retrospective Study To Identify Areas For Pharmacist Involvement In Readmission Reduction&quot; Nada Abou-Karam (PGY1), United Hospital - St. Paul, MN</td>
</tr>
<tr>
<td>2:00 to 2:30</td>
<td>&quot;Implementation of a Medication Reconciliation Program Utilizing Pharmacists and Pharmacy Interns&quot; Erik Stromberg (PGY1), United Hospital - St. Paul, MN</td>
</tr>
<tr>
<td>2:30 to 3:00</td>
<td>&quot;Quality Improvement Analysis Of The Drug Shortage Process At Wesley Medical Center&quot; Caleb Dunn (PGY1), Wesley Medical Center - Wichita, KS</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Describe the impact of Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) survey results on hospital reimbursements.
2. Explain the importance of characterizing and measuring hospital readmissions.
3. Describe the impact of admission medication reconciliation on patient safety.
4. Review the causes of drug shortages.
### Session 3G (1:00 To 3:00)  
**Council Bluffs A** 
**Cardiology**  
ACPE UAN 0128-0000-055-L01-P

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 to 1:30</td>
<td>Impact Of A Pharmacist-Run Interdisciplinary Hypertension Shared Medical Appointment At A Rural Veterans Affairs (VA) Health Care System*</td>
<td>Jennifer O’Day (PGY1), VA Black Hills Health Care System - Hot Springs, SD</td>
</tr>
<tr>
<td>1:30 to 2:00</td>
<td>Optimization of Evidence-Based Heart Failure Therapy and Resource Utilization in an Outpatient Specialty Clinic</td>
<td>Karen McElver (PGY1), Park Nicollet Methodist Hospital - St. Louis Park, MN</td>
</tr>
<tr>
<td>2:00 to 2:30</td>
<td>Effect of Body Habitus and other Risk Factors on Achievement of Therapeutic Anti-XA Levels in Dose Capped ACS Patients*</td>
<td>Jena Torpin (PGY2), University of Missouri Health Care - Columbia, MO</td>
</tr>
<tr>
<td>2:30 to 3:00</td>
<td>Pharmacist-managed enoxaparin dosing and anti-Xa level monitoring for therapeutic anticoagulation*</td>
<td>Rebecca Lange (PGY1), Abbott Northwestern Hospital - Minneapolis, MN</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Explain the importance of an interdisciplinary approach to treating hypertension.
2. Identify medications shown to reduce mortality in patients with heart failure.
3. Identify variables that may affect blood volume.
4. Describe CHEST guideline recommendations on monitoring anti-Xa levels for therapeutic enoxaparin dosing.

### Session 3H (1:00 To 3:00)  
**Council Bluffs B** 
**Clinical Services Management**  
ACPE UAN 0128-0000-056-L04-P

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 to 1:30</td>
<td>Expanding The Role Of A Hospital Pharmacist: Medication Reconciliation In Physician Clinics: Implementing A Service In 3 Phases</td>
<td></td>
</tr>
<tr>
<td>1:30 to 2:00</td>
<td>Retrospective Review Of Concomitant Zosyn/Vancomycin Related Acute Kidney Injury.</td>
<td>Michael Koraleski (PGY1), Nebraska Methodist Hospital - Omaha, NE</td>
</tr>
<tr>
<td>2:00 to 2:30</td>
<td>MTM in Medicaid: A Case Study</td>
<td>Alex Hoopes (PGY1), OutcomesMTM - West Des Moines, IA</td>
</tr>
<tr>
<td>2:30 to 3:00</td>
<td>Assessing Patient Interest In A Bedside Discharge Medication Delivery Service At A Community Hospital</td>
<td>Abby Switzer (PGY1), Lawrence Memorial Hospital - Lawrence, KS</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Explain the impact pharmacist-led medication reconciliation can have on patient care.
2. Review the incidence of acute kidney injury in patients with concomitant use of Zosyn and vancomycin.
3. Describe the MTM program implemented by the managed Medicaid health plan.
4. Identify the potential impact of a bedside discharge medication delivery service on patient satisfaction in a community hospital.

### Session 3I (2:00 TO 3:00)  
**Missouri**  
**Transplant**  
ACPE UAN 0128-0000-057-L01-P

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 to 2:30</td>
<td>Peri-Operative Prophylactic Anticoagulation Strategies In Kidney And Kidney-Pancreas Transplant Patients</td>
<td>Melody Mao (PGY1), Houston Methodist Hospital - Houston, TX</td>
</tr>
<tr>
<td>2:30 to 3:00</td>
<td>Predictors of Renal Graft Dysfunction After Antibody-Mediated Rejection in Renal Transplantation</td>
<td>Samantha Kuten (PGY2), Houston Methodist Hospital - Houston, TX</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Explain the utility of using prophylactic anticoagulation regimens in post-kidney and kidney-pancreas transplant patients.
2. Describe the course of antibody-mediated rejection and its impact on renal transplantation.

### Session 3J (2:00 To 3:00)  
**Platte**  
**Critical Care**  
ACPE UAN 0128-0000-058-L01-P

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 to 2:30</td>
<td>Adherence to Early Goal-directed Therapy in the Treatment of Severe Sepsis and Septic Shock at a Community Hospital</td>
<td>Matt Mayer (PGY1), Stormont-Vail HealthCare - Topeka, KS</td>
</tr>
<tr>
<td>2:30 to 3:00</td>
<td>Evaluation of Medication-Induced Delirium in Critical Care Patients at an Academic Medical Center</td>
<td>Edric Wong (PGY2), The University of Kansas Hospital - Kansas City, KS</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Identify goals for initial resuscitation in the management of severe sepsis.
2. Determine if medications used in sedation, pain, and agitation contribute to delirium in medical ICU patients.

### Session 4A (3:15 To 5:15)  
**Elkhorn A**  
**Infectious Disease**  
ACPE UAN 0128-0000-059-L01-P

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15 to 3:45</td>
<td>Implementation of procalcitonin testing and the effects on antibacterial prescribing patters in medical intensive care unit (MICU) patients*</td>
<td>Samantha Bartusek (PGY1), Minneapolis VA Health Care System - Minneapolis, MN</td>
</tr>
<tr>
<td>3:45 to 4:15</td>
<td>Evaluation of antimicrobial stewardship in an academic medical center emergency department</td>
<td>Barry Nakaoka (PGY1), Creighton University Medical Center - Omaha, NE</td>
</tr>
<tr>
<td>4:15 to 4:45</td>
<td>Frequency of weight-based initial vancomycin doses ordered by pharmacy dosing service providers versus non-pharmacy dosing service providers in an acute care hospital</td>
<td>Olivia Unruh (PGY1), Via Christi Hospitals Wichita, Inc - Wichita, KS</td>
</tr>
<tr>
<td>4:45 to 5:15</td>
<td>Tolerability of cephalosporins and carbapenem in patients with reported penicillin allergies in a real world setting</td>
<td>Heather Hansen (PGY1), Wesley Medical Center - Wichita, KS</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Evaluate the potential for utilization of procalcitonin labs to reduce antimicrobial usage.
2. Explain the potential impact of a pharmacy driven antimicrobial stewardship program in an Emergency Department.
3. Describe vancomycin pharmacokinetic parameters.
4. Describe the impact of avoiding beta-lactams in patients labeled penicillin allergic.
### Program Objectives:
1. Describe the key aspects of the medication synchronization program used in this study.
2. Identify the need for lifestyle modifications in the control of chronic disease.
3. Describe how language barriers can impact pharmacist-led DSM programs.
4. Describe the most common obstacles pharmacists in the community setting may encounter when making clinical interventions during the traditional dispensing process.

### Program Objectives:
1. Identify possible responsibilities which can expand a pharmacists’ role and reduce hospital readmissions.
2. Describe a model for improving post-surgical patient satisfaction through pharmacist-driven pain education.
3. Describe the importance of pharmacy-driven medication reconciliation in aligning with the Joint Commission National Patient Safety Goal (NPSG.03.06.01).
4. Identify possible responsibilities which can expand a pharmacists’ role and reduce hospital readmissions.

### Program Objectives:
1. Identify the advantages and disadvantages of using the face-to-face point-of-care method of warfarin management vs. lab draw with telephone follow up.
2. Outline a feasible process for pharmacist involvement in pre-visit planning.
3. Identify how patient perceptions could impact pharmacist-led DSM programs.
4. Describe the availability of patient-assistance programs in the outpatient infusion population.

### Program Objectives:
1. Evaluate Antimicrobial Supportive Care in Patients with Acute Leukemia Undergoing Induction Chemotherapy.
2. Effect of linezolid on hematologic recovery following induction chemotherapy for acute leukemia.
4. Survey To Determine Pharmacists’ Capabilities and Perceived Value Of Clinical Interventions During The Dispensing Process.

---

### Session 4B (3:15 To 5:15) Elkhorn B

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15</td>
<td>&quot;Effects of a Medication Synchronization Program on Medication Adherence in a Small Community Pharmacy.&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Implementation and Efficacy of a Pharmacist Based Lifestyle Coaching Program&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;The impact of translational services in a community pharmacy setting on patient satisfaction of pharmacy services and medication adherence&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Survey To Determine Pharmacists’ Capabilities and Perceived Value Of Clinical Interventions During The Dispensing Process&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Session 4C (3:15 To 5:15) Elkhorn C

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15</td>
<td>&quot;Optimization of medication distribution processes and workflow in an urban, acute care hospital.&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Improving Post-Surgical Patient Satisfaction Through Pre-Surgical, Pharmacist-Led Pain Management Education&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Development of a Pharmacy-Driven Medication Reconciliation Program&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Expansion of Pharmacist Responsibilities at Discharge for Readmitted Patients with COPD&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Session 4D (3:15 To 5:15) Big Blue A

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15</td>
<td>&quot;Comparison of the Management of Warfarin Patients Followed by Face-to-Face Point-of-Care vs. Lab Draw with Telephone Follow-Up&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Prospective Pharmacists Identification of Drug Therapy Problems in the Medical Home&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Patient Satisfaction with Pharmacist-Led Chronic Disease State Management Programs&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Benefits Of Utilizing Patient-Assistance Programs To Reduce Medical Costs To Patients And Healthcare Systems&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Session 4E (3:15 To 5:15) Big Blue B

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15</td>
<td>&quot;Evaluation of Antimicrobial Supportive Care in Patients with Acute Leukemia Undergoing Induction Chemotherapy.&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Moxifloxacin Prophylaxis in Neutropenic Patients Undergoing Induction Therapy for Acute Leukemia&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Effect of linezolid on hematologic recovery following induction chemotherapy for acute leukemia&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:15</td>
<td>&quot;Evolution Of Antimicrobial Resistance In Acute Leukemia Patients Receiving Levofloxacin Prophylaxis&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Session 4B (3:15 To 5:15) Community Practice

ACPE UAN 0128-0000-060-L04-P

### Session 4C (3:15 To 5:15) Pharmacy Practice

ACPE UAN 0128-0000-061-L04-P

### Session 4D (3:15 To 5:15) Primary/Ambulatory Care

ACPE UAN 0128-0000-062-L04-P

### Session 4E (3:15 To 5:15) Hematology/Oncology

ACPE UAN 0128-0000-063-L04-P
### Program Objectives:

1. Describe the components that define specialty pharmaceuticals.
2. Describe the risks associated with transitions of care and explain potential ways transitions of care can be improved.
3. Describe a tool and process for increasing the MTM referral volume of high risk patients at a large, academic medical center.
4. Describe how pharmacists and the Quality and Safety Investigators are working together to develop a continuous quality improvement process for smart pump utilization.

### Session 4G (3:15 To 5:15) Council Bluffs A

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45 to 4:15</td>
<td>“Safety and Efficacy of the New Oral Anticoagulants Compared to a Historical Warfarin Control: An Evaluation of Current Dosing Practices and Creatinine Clearance Calculation”</td>
<td>Andrew Wehrhan (PGY1), Heartland Regional Medical Center - St. Joseph, MO</td>
<td></td>
</tr>
<tr>
<td>4:15 to 4:45</td>
<td>“Pharmacist Monitoring of Amiodarone”</td>
<td>Emily Carr (PGY1), VA Nebraska-Western Iowa - Lincoln, NE</td>
<td></td>
</tr>
<tr>
<td>4:45 to 5:15</td>
<td>“Evaluation of the safety and efficacy of prophylactic amiodarone therapy for prevention of postoperative atrial fibrillation (POAF) in cardiothoracic surgery patients”</td>
<td>Danny Ephraim (PGY1), Missouri Baptist Medical Center - St. Louis, MO</td>
<td></td>
</tr>
</tbody>
</table>

### Program Objectives:

1. Define therapeutic drug duplication.
2. Identify the best method of calculating creatinine clearance for dosing the new oral anticoagulants.
3. List ongoing monitoring recommendations for amiodarone.
4. Explain pertinent literature that supports the use of prophylactic amiodarone in the prevention of POAF.

### Session 4H (3:15 To 5:15) Council Bluffs B

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15 to 3:45</td>
<td>Validation Of A Vancomycin Dosing Protocol For 13 To 18 Year Old Patients</td>
<td>Emily Gulley (PGY1), Mercy Hospital - Springfield, MO</td>
<td></td>
</tr>
<tr>
<td>3:45 to 4:15</td>
<td>“Assessment of Pertussis Immunization Patterns in Postpartum Patients At A Large Community Hospital”</td>
<td>Kristin McNaughton (PGY1), Saint Elizabeth Regional Medical Center - Lincoln, NE</td>
<td></td>
</tr>
<tr>
<td>4:15 to 4:45</td>
<td>“Dosing of Recombinant Antithrombin III in Neonatal and Pediatric Patients Undergoing Extracorporeal Membrane Oxygenation”</td>
<td>Bethany Lazer (PGY1), Children’s Hospital &amp; Medical Center - Omaha, NE</td>
<td></td>
</tr>
<tr>
<td>4:45 to 5:15</td>
<td>“Evaluation of clinical response to adjunctive rifampin in treatment of Staphylococcus aureus osteomyelitis in pediatric patients.”</td>
<td>Krista Torrey (PGY1), The Children’s Hospital at Saint Francis - Tulsa, OK</td>
<td></td>
</tr>
</tbody>
</table>

### Session 4I (3:15 To 5:15) Missouri

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15 to 3:45</td>
<td>“Evaluation of Potentially Avoidable 30-day Hospital Readmissions in Veterans”</td>
<td>Niral Patel (PGY1), Kansas City VA Medical Center - Kansas City, MO</td>
<td></td>
</tr>
<tr>
<td>3:45 to 4:15</td>
<td>“Impact Of High Fidelity Simulation Experience On Pharmacists And Pharmacy Students’ Comfort Level In Responding To An Acute Arrhythmia Scenario In The Hospital”</td>
<td>Betsy Karl (PGY1), Avera McKennan Hospital &amp; University Health Center - Sioux Falls, SD</td>
<td></td>
</tr>
<tr>
<td>4:15 to 4:45</td>
<td>“Assessment of health literacy in medical inpatients at high-risk for readmission”</td>
<td>Kathryn Carlson (PGY1), Avera McKennan Hospital &amp; University Health Center - Sioux Falls, SD</td>
<td></td>
</tr>
<tr>
<td>4:45 to 5:15</td>
<td>“Assessment Of The Availability Of Drug-Supplement Interaction Data In U.S. Prescribing Information”</td>
<td>Bob Andersen (PGY2), Creighton University, Center for Drug Information &amp; Evidence-Based Practice - Omaha, NE</td>
<td></td>
</tr>
</tbody>
</table>

### Program Objectives:

1. Identify causes and risk factors for potentially avoidable 30-day hospital readmissions in the veteran population based on chart reviewed and administrative data.
2. Evaluate the role of high fidelity simulation experience in improving pharmacists and pharmacy students’ comfort level in acute arrhythmia scenario.
3. Evaluate the utility of health literacy assessments in the inpatient setting.
4. Explain how prescribing information provides information and warnings about potential drug-supplement interactions.
Program Objectives:
1.) Identify the different methods for assessing glycemic control.
2.) Review the pathophysiology of pulmonary hypertension to better understand the mechanisms of actions of various treatment options.
3.) Review indications for intracranial stenting and associated complications.
4.) Identify clinical outcomes associated with digoxin use in patients with systolic heart failure versus those with diastolic heart failure.

Session 5D (7:30 TO 9:00)  
Big Blue A  
Primary/Ambulatory Care  
ACPE UAN 0128-0000-072-L01-P

7:30 to 8:00  
"Fibrate use in an ambulatory care setting: A patient-centric approach to deprescribing of potentially inappropriate fibrate therapy."
   Rachelle Kunde (PGY1), Minneapolis VA Health Care System - Minneapolis, MN

8:00 to 8:30  
"Effectiveness of a pharmacist-led hypnotic medication taper in conjunction with Cognitive Behavioral Therapy for Insomnia (CBTI) in Primary Care patients."
   Nicholas O'Rourke (PGY1), Minneapolis VA Health Care System - Minneapolis, MN

8:30 to 9:00  
"Effects of Antibiotic Therapy on International Normalized Ratios in Adults on Stable Warfarin Therapy at the University of Iowa Hospitals and Clinics."
   Tony Huynh (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA

Program Objectives:
1.) Explain appropriate fibrate use.
2.) Identify the risks of hypnotic use.
3.) Identify antibiotics that are likely to cause alterations in International Normalized Ratios of patients on stable warfarin therapy.
### Session 5E (7:30 TO 9:00) - Internal Medicine

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 to 8:00</td>
<td>Evaluation of a Multimodal Pain Order Set Implemented for Gynecologic Surgical Patients</td>
<td>Heidi Oakland (PGY1), Avera McKennan Hospital &amp; University Health Center - Sioux Falls, SD</td>
</tr>
<tr>
<td>8:00 to 8:30</td>
<td>Impact Of Pharmacist Presence On Adherence To Advanced Cardiac Life Support Guidelines During In-Hospital Adult Cardiac Arrest</td>
<td>Nichole Turner (PGY1), Avera McKennan Hospital &amp; University Health Center - Sioux Falls, SD</td>
</tr>
<tr>
<td>8:30 to 9:00</td>
<td>Determining the Values of a Standardized Venous Thromboembolism Prophylaxis Protocol for Post Orthopedic Surgical Patients at a Teaching Hospital through Nursing Perspectives and Patient Experience</td>
<td>Shik-Ki Li (PGY1), Avera McKennan Hospital &amp; University Health Center - Sioux Falls, SD</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Identify the value of using a multimodal pain management approach in gynecologic surgical patients.
2. Describe the advanced cardiac life support (ACLS) guidelines used during a cardiac arrest event.
3. Describe consensus on the gold standard VTE prophylaxis for orthopedic patients among orthopedic surgeons.

### Session 5F (7:30 TO 9:00) - Pediatrics/Neonatology

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 to 8:00</td>
<td>Safety And Efficacy Of Ketorolac Administered To Infants And Children Following Cardiac Surgery.</td>
<td>Ashlee Randklev (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN</td>
</tr>
<tr>
<td>8:00 to 8:30</td>
<td>Assessment of Targeted Mycophenolate Mofetil Therapy on Clinical Outcomes in Pediatric Hematopoietic Stem Cell Transplant (HSCT) Patients*</td>
<td>Jessica Pohlit (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN</td>
</tr>
<tr>
<td>8:30 to 9:00</td>
<td>Evaluation of Neonatal Total Parenteral Nutrition (TPN) Contents*</td>
<td>Robert Harding (PGY1), Wesley Medical Center - Wichita, KS</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Describe the potential benefits and risks of using ketorolac in pediatric patients following cardiac surgery.
2. Describe the variability and complexities associated with targeted mycophenolate mofetil dosing.
3. Describe the benefits of standardized TPNs.

### Session 5G (7:30 TO 9:00) - Clinical Services Management

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 to 8:00</td>
<td>Implementation And Evaluation Of A Pain Management Educational Program For Community Hospital Pharmacists*</td>
<td>Assel Thoresen (PGY1), United Hospital - St. Paul, MN</td>
</tr>
<tr>
<td>8:00 to 8:30</td>
<td>Medication Alert Overrides In A Hospital Setting: The Impact On Pharmacist Interventions And Alert Fatigue*</td>
<td>Emily Kirkwood (PGY1), United Hospital - St. Paul, MN</td>
</tr>
<tr>
<td>8:30 to 9:00</td>
<td>Development And Implementation Of A Bedside Medication Delivery Service*</td>
<td>Mariah Hollabaugh (PGY1), University of Missouri Health Care - Columbia, MO</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Describe the impact of an educational program for pharmacists.
2. Identify pharmacist expressions of alert fatigue.
3. Outline the steps taken to design a bedside medication delivery service.

### Session 5H (7:30 TO 9:00) - Psych

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 to 8:00</td>
<td>Assessment of benzodiazepine utilization in post-traumatic stress disorder patients before and after pharmacist education in a rural veterans affairs mental health residential treatment program.</td>
<td>Chelsea Schmidt (PGY1), VA Black Hills Health Care System - Hot Springs, SD</td>
</tr>
<tr>
<td>8:00 to 8:30</td>
<td>A Population-Based Cross-Sectional Study Comparing Depression and Health Service Deficits Between Rural and Non-Rural US Military Veterans.*</td>
<td>Kristina Dittrich (PGY1), Essentia Health - St. Mary's Medical Center - Duluth, MN</td>
</tr>
<tr>
<td>8:30 to 9:00</td>
<td>Evaluation of relapse and recurrence of major depressive disorder in relation to duration of combination therapy consisting of an atypical antipsychotic and an antidepressant*</td>
<td>Stephanie Kling (PGY1), Sanford Medical Center Fargo - Fargo, ND</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Explain three reasons why benzodiazepines are not recommended in patients with PTSD.
2. Identify major risk factors for depression among rural US military veterans.
3. List the 3 atypical antipsychotics that have a FDA-approved indication for augmentation of major depressive disorder.

### Session 5I (7:30 TO 9:00) - Transplant

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 to 8:00</td>
<td>Minimized dosing of rabbit anti-thymocyte globulin induction for prevention of acute renal transplant rejection</td>
<td>Tania Kapoor (PGY1), Sanford USD Medical Center - Sioux Falls, SD</td>
</tr>
<tr>
<td>8:00 to 8:30</td>
<td>Efficacy and durability of response utilizing intravenous immunoglobulin and rituximab for the development of DSA after lung transplantation*</td>
<td>Elizabeth Nothdurft (PGY2), Barnes-Jewish Hospital - St. Louis, MO</td>
</tr>
<tr>
<td>8:30 to 9:00</td>
<td>Hepatitis B Immune Globulin in Combination with an Oral Nucleos(t)ide to Prevent Hepatitis B Recurrence After Liver Transplantation at an Academic Medical Center*</td>
<td>Laura Glessan (PGY1), The Nebraska Medical Center - Omaha, NE</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Report the efficacy of using minimized dosing of rabbit anti-thymocyte globulin guided by CD3+ counts in renal transplant patients.
2. Evaluate the effect of intravenous immunoglobulin and rituximab on the mean fluorescent intensity of DSA after lung transplantation.
3. Explain the use of hepatitis B immune globulin and oral nucleos(t)ide antiviral therapy for patients receiving liver transplants due hepatitis B virus.
1.) Describe the prescribing information for Kcentra™ to help guide when it should be used to manage non-hemophilic hemorrhage.

Program Objectives:
5.) Define PIHI utilizing objective patient data.
3.) Evaluate the available literature for empiric antibiotic recommendations in community onset urinary tract infections.
2.) Identify patient characteristics in critical care patients that have inadequate response to dexmedetomidine compared to patients with adequate response to help guide appropriate therapy.
1.) Explain why it is important to be able to identify pain in mechanically ventilated patients.

Session 6C (9:15 TO 11:45) Elkhorn C Pharmacy Practice

9:15 to 9:45 "Prothrombin Complex Concentrates in the Management of Non-Hemophilic Hemorrhage: a Retrospective Review" Jared Larson (PGY1), University of Minnesota Medical Center - Fairview - Minneapolis, MN

9:45 to 10:15 "Management of Inpatient Hyperglycemia: A Pharmacist Driven Approach" Brady Blackorbay (PGY1), Fairview Southdale Hospital - Edina, MN

10:15 to 10:45 "Impact Of A Multidisciplinary Approach On Glycemic Control In Non-Critical Care Patients" Morgan Sandell (PGY1), Lawrence Memorial Hospital - Lawrence, KS

10:45 to 11:15 "Initiation Of A Pharmacy Medication Therapy Management Consultation For Patients With Hemoglobin A1C >9%." Stephanie Meisinger (PGY1), Veterans Affairs NWIHCS, Omaha Division - Omaha, NE

11:15 to 11:45 "Evaluation Of Tobacco Cessation Results with Short-Acting Nicotine Replacement Monotherapy (Gum/Lozenge) in Patients Followed by Clinical Pharmacists Compared to Other Providers." Jennifer Rother (PGY1), Veteran Affairs Nebraska-Western Iowa HCS - Omaha, NE

Program Objectives:
1.) Describe the prescribing information for Kcentra™ to help guide when it should be used to manage non-hemophilic hemorrhage.
2.) Describe the potential role pharmacists have in managing inpatient hyperglycemia.
3.) Describe various measurements used to evaluate glycemic control.
4.) Describe the impact of pharmacist intervention on diabetes care management.
5.) Identify specific timeframes in which beneficial effects on the body are seen after quitting tobacco.
Program Objectives:

2. Evaluate effect of community pharmacist-managed transitions of care on 30-day hospital readmission rates for patients identified as high-risk for readmission according to BOOST risk assessment tool.
3. Describe the purpose of the PhARMD Clinical Reminder Tool.
4. Identify patients who may be good candidates for insulin administration with a V-Go.
5. Determine the efficacy of outpatient vitamin D replacement strategies in adults for vitamin D insufficiency.

Program Objectives:

1.) Describe medication related readmissions using the Pharmaceutical Care Network Europe (PCNE) Classification.
2.) Describe the impact of the effects of a newly developed comprehensive DKA and HHS protocol set.
3.) Describe the Comprehensive Severity Index (CSI) and its use for measuring disease severity.
4.) Describe opioid tolerance and its effect on opioid requirements post-operatively.
5.) Describe patient populations who may be at risk of glyburide induced hypoglycemia and provide appropriate recommendations in clinical practice.

Program Objectives:

1.) Identify prescribing patterns of dual anti-platelet therapy post drug eluting-stent placement and resulting incidence rate of complications (cardiovascular & bleeding) at Kansas City VA Medical Center.
2.) Describe the importance of using weight-based nomograms to achieve aPTT.
3.) Select appropriate monitoring parameters for a suspected heparin resistant patient.
4.) Describe why continuous-flow left ventricular assist devices are associated with more gastrointestinal bleeding than pulsatile models.
5.) Explain the effects of induced hypothermia on hematologic parameters.
### Session 6G (9:15 TO 11:45)

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:15 to 9:45</td>
<td>Implementation And Evaluation Of Pharmacy Services In Prevention And Management Of Postoperative Delirium In The Elderly</td>
</tr>
<tr>
<td></td>
<td>Jaime Thiry (PGY1), HealthEast-St. John’s Hospital - Maplewood, MN</td>
</tr>
<tr>
<td>9:45 to 10:15</td>
<td>Evaluation of an Updated Order Set to Promote Analgesia-first Sedation, Minimize Benzodiazepine Use, and Target Lighter Sedation in Mechanically Ventilated ICU Patients</td>
</tr>
<tr>
<td></td>
<td>Alexander Bolser (PGY1), HealthEast-St. Joseph’s Hospital - St. Paul, MN</td>
</tr>
<tr>
<td>10:15 to 10:45</td>
<td>Diabetes Management In A Veteran Population With Severe Mental Illness Requiring An Atypical Antipsychotic</td>
</tr>
<tr>
<td></td>
<td>Allison Schmitz (PGY1), Fargo VA Health Care System - Fargo, ND</td>
</tr>
<tr>
<td>10:45 to 11:15</td>
<td>Pharmacists’s Role in Reducing Psychiatric Readmission by Performing Medication Cost-Saving Interventions</td>
</tr>
<tr>
<td></td>
<td>Sara Shuster (PGY1), St. Luke’s Hospital - Duluth, MN</td>
</tr>
<tr>
<td>11:15 to 11:45</td>
<td>Impact of a pharmacist run metabolic clinic in patients with serious mental illness</td>
</tr>
<tr>
<td></td>
<td>Lindsey Hall (PGY1), Minneapolis VA Health Care System - Minneapolis, MN</td>
</tr>
</tbody>
</table>

**Program Objectives:**

1.) Explain the etiology and pathophysiology of delirium as it relates to medication use.
3.) Describe the relationship of atypical antipsychotics and diabetes and the importance of formulating a treatment plan to appropriately manage diabetes in patients on atypical antipsychotic therapy.
4.) List potential medication cost-saving interventions.
5.) List recommendations for monitoring and treatment of metabolic abnormalities commonly associated with second generation antipsychotic use.

### Session 6H (9:15 TO 11:45)

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:15 to 9:45</td>
<td>Assessment of Outcomes in VA Patients with Poorly Controlled Diabetes Mellitus: A Retrospective Study of the Impact of a Pharmacist-Run Chronic Disease Management Clinic</td>
</tr>
<tr>
<td></td>
<td>Elizabeth Berland (PGY1), VA Eastern Kansas Healthcare System - Topeka, KS</td>
</tr>
<tr>
<td>9:45 to 10:15</td>
<td>Hyperlipidemia Outcomes in a VA Pharmacist-Run Chronic Disease Management (CDM) Clinic</td>
</tr>
<tr>
<td></td>
<td>Danielle Backus (PGY1), VA Eastern Kansas Healthcare System - Topeka, KS</td>
</tr>
<tr>
<td>10:15 to 10:45</td>
<td>Comparative Effects of FDA-Approved Dose vs. High-Dose Niacin in Controlling Blood Lipoprotein(a) Levels</td>
</tr>
<tr>
<td></td>
<td>Megan Ohrlund (PGY1), Sioux Falls VA Health Care System - Sioux Falls, SD</td>
</tr>
<tr>
<td>10:45 to 11:15</td>
<td>Evaluation And Implementation Of A Standardized Approach To Supportive Care Management For Veterans Receiving Chemotherapy</td>
</tr>
<tr>
<td></td>
<td>Linley Mild (PGY1), VA Central Iowa Health Care System - Des Moines, IA</td>
</tr>
<tr>
<td>11:15 to 11:45</td>
<td>Metformin Use And Vitamin B12 Screening For Peripheral Neuropathy</td>
</tr>
<tr>
<td></td>
<td>Anne Stegeman (PGY1), Kansas City VA Medical Center - Kansas City, MO</td>
</tr>
</tbody>
</table>

**Program Objectives:**

1.) Describe the role of pharmacist-run CDM clinics in diabetes management.
2.) Describe the impact of utilizing pharmacists as a team member for chronic disease management.
3.) Explain the role of niacin in the treatment of elevated lipoprotein(a) levels.
4.) Identify patients undergoing intravenous chemotherapy who are appropriate for oral supportive care medications.
5.) Identify the estimated risk of developing decreased vitamin B12 levels associated with metformin use.

### Session 6I (9:15 TO 10:45)

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:15 to 9:45</td>
<td>Improving Point Of Care Lactate Test Utilization In Septic Patients Presenting To The Emergency Department</td>
</tr>
<tr>
<td></td>
<td>David Huhtelin (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
</tr>
<tr>
<td>9:45 to 10:15</td>
<td>A Retrospective Review of High-Dose Ertapenem at an Academic Medical Center</td>
</tr>
<tr>
<td></td>
<td>Jareb Stallbaumer (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
</tr>
<tr>
<td>10:15 to 10:45</td>
<td>Analysis Of Subjective Procalcitonin Testing In A Tertiary Health Care System</td>
</tr>
<tr>
<td></td>
<td>Vivian Nguyen (PGY1), Saint Luke's Hospital of Kansas City - Kansas City, MO</td>
</tr>
</tbody>
</table>

**Program Objectives:**

1.) Explain the analysis of the implementation of POC lactate testing in the ED and any correlation in achievement of sepsis benchmarks.
2.) Describe ertapenem pharmacokinetic changes in the obese population.
3.) Explain false positives that can affect procalcitonin testing.
Program Objectives:
1. Describe steps necessary to implement a pharmacist-managed inpatient educational class for patients and families.
2. Identify benefits of therapeutic hypothermia for neonates with moderate to severe HIE.
3. Identify potential benefits of the use of dexmedetomidine for sedation in pediatric cardiac surgery patients.

Session 7A (12:15 TO 3:15)  Elkhorn A  Infectious Disease  ACPE UAN 0128-0000-14-089-L01-P

12:15 to 12:45  "A Retrospective Assessment Of Vancomycin Dosing In Patients With Morbid Obesity"
Sarah Thomas (PGY1), Barnes-Jewish Hospital - St. Louis, MO

12:45 to 1:15  "Risk Factors and Outcomes Associated with Vancomycin-induced Nephrotoxicity"
Matthew Crotty (PGY1), Barnes-Jewish Hospital - St. Louis, MO

1:15 to 1:45  "Evaluation of Antimicrobial Utilization on Bacterial Susceptibility Patterns within Saint Luke's Health System"
Tinh Nguyen (PGY1), Saint Luke’s Hospital of Kansas City - Kansas City, MO

1:45 to 2:15  "Preoperative Antibiotic Orders: Protocol-initiated Pharmacist Order Entry"
Ben Hyde (PGY1), Children’s Mercy Hospital & Clinics - Kansas City, MO

2:15 to 2:45  "Safety Comparison of Off-Label Ertapenem Dosing vs Standard Once Daily Dosing in Renally Impaired Patients"
Samuel Arends (PGY1), Saint Louis VA Medical Center - Kansas City, MO

2:45 to 3:15  "Incidence and Severity of Acute Kidney Injury Seen with Meropenem Versus Piperacillin-Tazobactam with Concurrent Vancomycin Therapy"
Rachel Walker (PGY1), Heartland Regional Medical Center - St. Joseph, MO

Program Objectives:
1. Identify unique pharmacokinetic properties associated with morbid obesity that may complicate dosing.
2. List potential risk factors for vancomycin-induced nephrotoxicity (VIN).
3. Describe the potential impact of inappropriate antimicrobial use on the emergence of bacterial resistance.
4. Identify the key factors for determination of appropriate surgical antimicrobial prophylaxis.
5. Describe the proper dosing for ertapenem in patients with renal impairment.
6. Define acute kidney injury (AKI) as defined by the drug-induced nephrotoxicity criteria.

Session 7B (12:15 TO 3:15)  Elkhorn B  Critical Care  ACPE UAN 0128-0000-14-090-L01-P

12:15 to 12:45  "Evaluation of four-factor prothrombin complex concentrate in the management of warfarin-related intracranial hemorrhage."
Carolyn Huninghamke (PGY1), Saint Luke’s Hospital - Shawnee, KS

12:45 to 1:15  "Intravenous acetaminophen as adjunctive treatment for post-operative pain after cardiac surgery: a retrospective review"
Melanie Smith (PGY1), Shawnee Mission Medical Center - Shawnee, KS

1:15 to 1:45  "Evaluation of the treatment of acute major bleeding in a community hospital system" 
Erin Uhlmeyer (PGY1), Alegent Creighton Health Bergan Mercy Medical Center - Omaha, NE

1:45 to 2:15  "Evaluation of Procalcitonin in a University Hospital Intensive Care Unit"
Megan Austin (PGY1), The Nebraska Medical Center - Omaha, NE

2:15 to 2:45  "Impact of deep sedation upon ICU arrival"
Michael Samarin (PGY2), The Nebraska Medical Center - Omaha, NE

2:45 to 3:15  "Efficacy, Safety, and Timing of 5% NaCl versus 23.4% NaCl for Osmotic Therapy"
Christopher Carter (PGY1), Barnes-Jewish Hospital - Saint Louis, MO

Program Objectives:
1. Describe potential clinical benefits of using a 4F-PCC product compared to FFP or 3F-PCC with rFVIIa.
2. Describe the role of intravenous acetaminophen in post-operative cardiac surgery pain management.
3. List the therapeutic options used to treat patients who present with acute major bleeding on concurrent warfarin therapy.
4. Describe the impact adherence to a procalcitonin-guided antibiotic algorithm has on septic patient outcomes.
5. Describe the impact that deep sedation initiated in the emergency department has on ICU outcomes.
6. Describe the utility of 5% NaCl as compared to 23.4% NaCl for the treatment of intracranial hypertension.
**Program Objectives:**
1.) Describe the description and breadth of the teaching experiences afforded to PGY-1 pharmacy practice residents.
2.) Describe the impact of a pharmacist-managed inpatient anticoagulation monitoring service on efficacy and safety outcomes related to anticoagulation therapy.
3.) Describe the impact of pharmacist-reviewed medication histories on the medication reconciliation process.
4.) Describe opportunities in which a pharmacist can improve the quality of pain management in an acute care setting.
5.) List recommendations by the ADA for admitted patients.
6.) Identify pre-workout supplement ingredients which are potentially unsafe and those which are potentially effective.

**Session 7D (12:15 TO 3:15)  Big Blue A**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15 to 12:45</td>
<td>Implementation of Bedside Prescription Delivery at an Academic Medical Center*</td>
<td>Jerry James (PGY2), The University of Kansas Hospital - Kansas City, KS</td>
<td></td>
</tr>
<tr>
<td>12:45 to 1:15</td>
<td>Quality Improvement Of Current Injection Prescription Process*</td>
<td>Deborah Dahlke (PGY1), VA Nebraska-Western Iowa, Grand Island Division - Grand Island, NE</td>
<td></td>
</tr>
<tr>
<td>1:15 to 1:45</td>
<td>Prescribing Patterns Of Benzodiazepines To Veterans With Post-Traumatic Stress Disorder In A Veterans Affairs Medical Center *</td>
<td>Andrea Baker (PGY1), VA Nebraska-Western Iowa, Grand Island Division - Grand Island, NE</td>
<td></td>
</tr>
<tr>
<td>1:45 to 2:15</td>
<td>Establishment of a Clinical Pharmacist in a Veteran's Affairs Mental Health Clinic*</td>
<td>Jessica Luethje (PGY1), VA Nebraska-Western Iowa, Grand Island Division - Grand Island, NE</td>
<td></td>
</tr>
<tr>
<td>2:15 to 2:45</td>
<td>Relationship Between Gout Patients’ Activation, Self-Efficacy And Knowledge And Their Medication Adherence. *</td>
<td>Kayli Bendlin (PGY1), Veterans Affairs Nebraska Western Iowa Health Care System - Omaha, NE</td>
<td></td>
</tr>
<tr>
<td>2:45 to 3:15</td>
<td>Effect of High Dose Vitamin D Supplementation and Vitamin D Formulation in a Long Term Care Facility*</td>
<td>Alissa Bearly (PGY1), Truman Medical Center Lakewood - Kansas City, MO</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**
1.) Describe the impact of bedside prescription delivery in an academic medical center.
2.) Recall the goal met in improving the injection prescription processing.
3.) Describe how benzodiazepines are being prescribed to the veteran population in the VA Nebraska-Western Iowa Healthcare System.
4.) Recall the main categories of possible encounters identified through a survey of mental health providers.
5.) Identify the appropriate dose of allopurinol used for prophylactic therapy in gout patients.
6.) Explain the effect on 25-OH vitamin D and corrected calcium levels after changing vitamin D formulation from ergocalciferol to cholecalciferol in geriatric long-term care residents.

**Session 7E (12:15 TO 3:15)  Big Blue B**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15 to 12:45</td>
<td>Evaluation of Target Busulfan Dosing at an Academic Institution*</td>
<td>Devon Greer (PGY2), The Nebraska Medical Center - Omaha, NE</td>
<td></td>
</tr>
<tr>
<td>12:45 to 1:15</td>
<td>Assessment and Implementation of ASCO/ONS Standards for Safe Administration and Management of Oral Chemotherapy</td>
<td>Tina Melancon (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
<td></td>
</tr>
<tr>
<td>1:15 to 1:45</td>
<td>Assessment of Weight Gain and Hypertension in Early Stage Breast Cancer Patients*</td>
<td>Jamie Lee (PGY2), The University of Kansas Hospital - Kansas City, KS</td>
<td></td>
</tr>
<tr>
<td>1:45 to 2:15</td>
<td>Evaluation Of Percent Dosing Of Actual Body Weight And Outcomes For Patients Receiving 7+3 Induction For Acute Myeloid Leukemia.*</td>
<td>Whitney Bray (PGY2), The University of Kansas Hospital and Cancer Center - Westwood, KS</td>
<td></td>
</tr>
<tr>
<td>2:45 to 3:15</td>
<td>Evaluation of low molecular heparin for the prevention of venous thromboembolism in thrombocytopenic bone marrow transplant patients*</td>
<td>Beth Brenner (PGY2), University of Kansas Hospital - Westwood, KS</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**
1.) Describe the potential consequences of busulfan exposures outside the suggested therapeutic range.
2.) Report the current compliance rate of obtaining a hepatitis B virus panel prior to initiation of rituximab therapy for patients with non-Hodgkin’s lymphoma.
3.) Describe the impact of changing from intravenous to oral chemotherapy on patients and providers.
4.) Describe the impact of adjunct endocrine therapy on hypertension and weight gain in breast cancer patients.
5.) Describe the outcomes of chemotherapy dosage reduction in newly diagnosed AML patients receiving 7+3 induction.
6.) Describe the risk factors versus benefits of the use of low molecular weight heparins for venous thromboembolism prophylaxis in hematopoietic stem cell transplant patients.
### Program Objectives:

1. Describe the potential for impact of clinical pharmacy services.
2. Identify relationship between depression and heart failure.
3. Identify appropriate justifications for antipsychotic polypharmacy use.
4. Describe the associations between vitamin B12 and folate deficiencies and cognition.
5. Identify the proposed mechanism of action by which topiramate lowers serum bicarbonate.
6. Describe potential medication-related risk factors for readmission of psychiatric inpatients.

### Session 7G (12:15 TO 3:15)

**Council Bluffs A**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15 to 12:45</td>
<td>&quot;Patient Satisfaction With A Community-Based Medication Synchronization Program&quot;&lt;br&gt;Kendra Butler (PGY1), Price Chopper Pharmacy / University of Kansas - Overland Park, KS</td>
</tr>
</tbody>
</table>
| 12:45 to 1:10 | "Physicians' Preferences For Communication Regarding Pharmacist-Provided Medication Therapy Management In The Community Pharmacy Setting."
|             | Kendall Shackles (PGY1), Red Cross Pharmacy/UMKC School of Pharmacy - Excelsior Springs, MO |
| 1:10 to 1:45 | "Identification of Medication Discrepancies by Community Pharmacists during a Comprehensive Medication Review in Patients 1 Week Post Hospitalization"<br>Roxane Took (PGY1), UMKC/Balis Food Stores - Gladstone, MN |
| 1:45 to 2:15 | "Cost-Analysis And Evaluation Of Patient And Provider Satisfaction Of Pharmacist-Delivered Travel Health Services In A Community Pharmacy."
|             | Megan Ford (PGY1), University of Iowa College of Pharmacy - Iowa City, IA |
| 2:15 to 2:45 | "Evaluating the effect of the Appointment Based Model on increasing Medication Therapy Management interventions and immunization rates in a community pharmacy"
|             | Alex Martin (PGY1), The University of Iowa College of Pharmacy - Iowa City, IA |
| 2:45 to 3:15 | "Healthy People 2020: Impact of screening and immunization services on diabetes patients in the community pharmacy setting"
|             | Janis Rood (PGY1), University of Iowa College of Pharmacy - Iowa City, IA |

**Community Practice**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
</table>
| 12:15 to 12:45 | "Evaluating the use of nitroglycerin ointment as a treatment for acute hypertension"
|             | Andrew Zawack (PGY2), Avera McKennan Hospital - Sioux Falls, SD |

### Program Objectives:

1. Describe what has previously been done to improve medication adherence in a community pharmacy setting.
2. Describe the five core elements of an MTM service model established by the American Pharmacists Association and the National Association of Chain Drug Stores Foundation.
3. Identify types of medication-related problems that occur after discharge.
4. Describe the significance of pharmacist’s ability to bill for clinical services.
5. Describe the role that the appointment based model synchronization program plays in identification of MTM interventions.
6. Identify which vaccinations recommended by ACIP guidelines for diabetes patients aged 65 years and older are covered by Medicare Part B and Part D.

### Session 7H (12:15 TO 3:15)

**Council Bluffs B**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
</table>
| 12:15 to 12:45 | "Standardization of Care in Pharmacist Management of QTc-Prolonging Drug Interaction Alerts and Risk Assessment of QTc Prolongation in Critical Care"
|             | Robin Wingate (PGY1), Sanford USD Medical Center - Sioux Falls, SD |
| 12:45 to 1:10 | "Comparing An Existing Admission Medication History Process With Best Practices: Identifying Medication Discrepancies In A Quality Improvement Study"
|             | Lauren McCauley (PGY1), Mercy Medical Center - Des Moines, IA |
| 1:10 to 1:45 | "Disease Severity Comparison Between Rural Critical Access Hospitals and an Urban Academic Medical Center for Patients with Chronic Obstructive Pulmonary Disease and Community Acquired Pneumonia."
|             | Elizabeth Grippentrog (PGY1), The Nebraska Medical Center - Omaha, NE |
| 1:45 to 2:15 | "Pharmacist-managed anemia in an inpatient setting and the use of erythropoetin-stimulating agents"
|             | Ashley Ausmus (PGY1), Truman Medical Center - Hospital Hill - Kansas City, MO |
| 2:15 to 2:45 | "Evaluation of positive fungal cultures drawn from sterile sites"
|             | Christopher Brabeck (PGY1), Iowa Methodist Medical Center - Des Moines, IA |
| 2:45 to 3:15 | "Evaluating the use of nitroglycerin ointment as a treatment for acute hypertension"
|             | Kathryn Brower (PGY1), Iowa Methodist Medical Center - Des Moines, IA |

**Internal Medicine**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
</table>
| 12:15 to 12:45 | "Defining medication-related predictors for high risk of readmission in an inpatient psychiatric setting"
|             | Andrew Zawack (PGY2), Avera McKennan Hospital - Sioux Falls, SD |

### Program Objectives:

1. Explain the feasibility and utility of standardizing a process for assessing QTc prolongation risk.
2. Identify the key components of medication history best practices and describe how they can impact a health system.
3. Describe the differences in care between critical access hospitals and non-critical access hospitals.
4. Describe why regulation of erythropoetin-stimulating agent use is needed.
5. Explain the negative impact of invasive fungal infections on individual patients and the healthcare system.
6. Report the results of nitroglycerin ointment as a treatment choice for acute hypertension in the hospital setting.