### 14th Annual CE Symposium
**June 1-2, 2017**

**Schedule**

**Thursday, June 1, 2017**

All sessions are located in PHSB room 150

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<tr>
<th>Time</th>
<th>Title/Topic</th>
<th>Speaker</th>
<th>Activity Type/Hours</th>
<th>Objectives</th>
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<tr>
<td>7:15-7:45 am</td>
<td>Registration/Breakfast</td>
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<td>7:45-8:00 am</td>
<td>Welcome and Introductions</td>
<td>Carriann Richey Smith, BS, PharmD, Associate Professor of Pharmacy Practice at Butler University</td>
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| 8:00-10:00 am | New Drugs I: Drugs                      | Joe Jordan, PharmD, BCPS, Associate Professor of Pharmacy Practice at Butler University Drug Information Specialist, IU Health | Knowledge 2.0       | 1. Identify new drugs approved by the FDA in 2016 and early 2017, including their indications and potential off label uses  
2. Recognize the clinically relevant drug interactions, common adverse effects, monitoring parameters, contraindications and precautions of new drugs  
3. Compare and Contrast to other members of the therapeutic classes  
0017-0000-17-001-L01-P                                                                 |
| 10:00-10:15 am| Break                                   |                                                                        |                     |                                                                                                                                                                |
| 10:15-11:15 am| The HPV Vaccine: Questions and Answers  | Kevin Ault, MD FACOG FIDSA Professor of Obstetrics and Gynecology at the University of Kansas Medical Center | Knowledge 1.0       | 1. Outline details about the HPV Vaccine including dosing and administration  
2. Describe the efficacy and safety of the HPV Vaccine  
3. Identify special considerations and discussion points for parents and patients  
0017-0000-17-002-L01-P                                                                 |
| 11:15-12:15 pm| The Application of Pharmacogenomics in Mental Health | Laura Ruekert, PharmD, BCPP, CGP Associate Professor of Pharmacy Practice, Butler University | Knowledge 1.0       | 1. Describe pharmacogenomics and its clinical impact  
2. Explain the use of pharmacogenetics testing in mental health conditions  
3. Explain cases to apply pharmacogenomics information to mental health treatment  
0017-0000-17-003-L04-P                                                                 |
| 12:15-12:30 pm| Lunch                                   |                                                                        |                     |                                                                                                                                                                |
| 12:30-1:00 pm | Transgender Hormone Therapy             | Jeanne VanTyle, PharmD, MS Professor of Pharmacy Practice, Butler University | Knowledge 0.5       | 1. Define terminology used in the LGBTQ+ community  
2. Define and contrast sexual orientation and gender identity                                                                                                    |
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| 1:00-3:00 pm | Nuggets of GOLD: Updates on the 2017 COPD Guidelines | Meghan Bodenberg, PharmD, BCPS, Associate Professor of Pharmacy Practice, Butler University | 3. Improve cultural competency skills to enhance care for persons with varying sexual orientations and gender identities  
4. Identify pharmacologic options for transgender patients  
5. Describe the risks, benefits, and typical outcomes expected with the use of hormone therapy |
| 3:00-3:10 pm | Break                                            |                                                    |                                                                         |
| 3:10-4:10 pm | Music First!                                     | Tim Brimmer, BME, MA, DA Professor of Music at Butler University, Technologies for Teaching, Learning & Creating Art, Neuroscience of Music Researcher, Distinguished Educator | 1. Discuss new recommendations from the 2017 GOLD guidelines  
2. Summarize key findings from studies and literature that impacted the major recommendations for COPD management  
3. Describe pharmacologic and nonpharmacologic therapies for acute treatment and prevention of exacerbations  
4. Describe escalation and de-escalation strategies for patients with stable COPD and COPD exacerbations  
5. Develop appropriate treatment plans based on the GOLD guidelines and patient specific factors |
| 4:10-4:20 pm | End of Day Instructions  
Homework: Complete online survey to earn credit | Carriann Richey Smith, BS, PharmD, Associate Professor of Pharmacy Practice at Butler University | 1. Describe how listening to preferred music is being studied to improve the “quality of life” of nursing home residents with dementia  
2. Review published results on the effect of preferred music listening as a non-pharmacological intervention on the ABC’s of older adults with dementia  
3. Assess student learning outcomes of MUISC FIRST’s interdisciplinary/inter-professional/inter-institutional model of teaching, learning and applied research |
**Friday, June 2, 2017**

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| 8:00-10:00 am    | New Drugs 2: Biologics                           | Joe Jordan, PharmD, BCPS, Associate Professor of Pharmacy Practice, Butler University Drug Information Specialist, IU Health | Knowledge 2.0       | 1. Review the definition of biologics and factors related to biosimilarity  
2. Identify new biologics approved by the FDA in 2016 and early 2017, including their indications and potential off label uses  
3. Recognize the clinically relevant interactions, common adverse effects, monitoring parameters, contraindications and precautions of new biologics  
0017-0000-17-006-L01-P                                                                 |
| 10:00-10:15 am   | Break                                            |                                                                         |                     |                                                                                                                                          |
| 10:15-11:15 am   | Trends, updates, and future of diabetes management and education | Jessica S. Triboletti, PharmD, BCACP, BC-ADM, CDE  
Assistant Professor of Pharmacy Practice, Butler University  
Ambulatory Care Clinical Pharmacy Specialist, Eskenazi Health | Knowledge 1.0       | 1. Discuss updates in the 2017 American Diabetes Association Standards of Medical Care for patients with diabetes  
2. List characteristics of newly available diabetes medications including combination products  
3. Formulate medication recommendations to help prevent long-term complications of diabetes using the 2017 American Diabetes Association Standards of Medical Care  
0017-0000-17-007-L01-P                                                                 |
| 11:15-11:30 am   | Lunch- pick up boxed lunch                       |                                                                         |                     |                                                                                                                                          |
| 11:30-12:00 pm   | Marijuana...The Drug, The Myth, The Legend       | Annette McFarland, PharmD, Assistant Professor of Pharmacy Practice at Butler University | Knowledge 0.5       | 1. Describe the prevalence of marijuana use among adolescents and young adults  
2. Identify harmful effects reported in the literature from marijuana use by the younger population  
0017-0000-17-011-L04-P                                                                 |
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| 12:00-2:00 pm | Targeting the Opioid Epidemic      | Tracy Sprunger, PharmD, BCPS, Associate Professor of Pharmacy Practice, Butler University      | Knowledge 2.0  | 1. Describe the current opioid epidemic and identify key recommendations from the US Surgeon General and CDC Guideline for Prescribing Opioids  
2. Identify strategies to manage acute and chronic pain effectively while using opioids judiciously  
3. List available treatment options for opioid use disorder and available abuse-deterrent agents  
4. Describe appropriate laws regarding naloxone and outline key counseling points for patient’s and caregivers utilizing naloxone  

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| 2:15-4:15 pm  | DOACs for acute VTE treatment       | Alexander J. Ansara, PharmD, BCPS-AQ, Cardiology  
Clinical Specialist - Advanced Heart Care  
Program Director - PGY2 IM Residency  
Methodist Hospital - IU Health  
Associate Professor of Pharmacy Practice, Butler University | Knowledge 2.0  | 1. Outline the dosing regimen for the acute treatment of venous thromboembolism (VTE) for each direct-acting oral anticoagulant  
2. Compare the clinical trial safety and efficacy data of direct-acting oral anticoagulants to warfarin in patients with VTE  
3. Explain how to transition between direct-oral anticoagulants and indirect anticoagulants  

| 4:15-4:25 pm  | End of Day Instructions Homework: Complete online survey to earn credit | Carriann Richey Smith, BS, PharmD, Associate Professor of Pharmacy Practice at Butler University |                |                                                                      |