2019 – 2020

- Impact of a Pharmacist-Implemented Protocol on Appropriate Calcium Monitoring and Safety Outcomes with Denosumab Use in Ambulatory Care
  Rachel Kiehne, Pharm.D. 1,2, Erica Crannage, Pharm.D., BCACP 1,2 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy

- Effect of Sepsis Alert on Empiric Antibiotics
  Alex Stumphauzer, Pharm.D. 1,2, Alex Bryant, Pharm.D. 1 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy

- Effect of SBS and CAPD scores on sedation and delirium in the PICU
  Sarah Mooney, Pharm.D. 1,2, Kayla Vecera, Pharm.D. 1 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy

- Evaluation of hypoglycemic events and complications associated with treatment of diabetic ketoacidosis and hyperosmolar hyperglycemic syndrome for patients with impaired renal function
  Shannon Jones, Pharm.D. 1,2, Andrew J. Crannage, Pharm.D., BCPS 1,2 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy

2018 – 2019

- Validated drug resistance in pneumonia (DRIP) scoring system for risk of drug resistant pathogens in sepsis
  Lindsay K. Harris, Pharm.D. 1,2; Matthew J. Korobey, Pharm.D., BCCCP 1 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy

- Evaluation of COPD metric for internal medicine clinic patients
  Emily Henningsen, Pharm.D. 1,2; Laura Challen, Pharm.D., MBA, BCPS, BCACP 1,2; Theresa Prosser, Pharm.D., FCCP, BCPS, AE-C 1,2 1. St. Louis College of Pharmacy; 2. Mercy Hospital St. Louis JFK Clinic

- Evaluating discharge diuretic regimens and all-cause thirty-day readmission rates in heart failure exacerbation
  Lauren E. Jacobsmeyer, Pharm.D. 1,2; Catherine A. Saint, Pharm.D. 2; Carmen B. Smith, Pharm.D 1 1. St. Louis College of Pharmacy. 2. Mercy Hospital St. Louis

- Evaluating a Pharmacist-Driven Protocol for the Treatment of Opioid-Induced Constipation
  Alexander Tryson, Pharm.D. 1,2; Erin Hennessey, Pharm.D., BCPS 1,2; Andrew Crannage, Pharm.D., FCCP, BCPS 1,2 1. St. Louis College of Pharmacy, 2. Mercy Hospital St. Louis
Evaluation of the Impact of an Inpatient Hyperglycemia Protocol on Glycemic Control
Haley N. Ilcewicz, Pharm.D.1,2; Erin K. Hennessey, Pharm.D., BCPS1,2; Carmen B. Smith, Pharm.D., BCPS1,2 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy

Evaluation of full-dose anticoagulation in chronic liver disease
Shelby E. Meyers, Pharm.D.1,2; Carmen B. Smith, Pharm.D, BCPS.1,2; 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy

Evaluation of Vasopressor Discontinuation
Jennifer Voong, Pharm.D.1,2; Matthew J. Korobey, Pharm.D., BCCCP2 1. St. Louis College of Pharmacy; 2. Mercy Hospital St. Louis

Evaluation of choice of second therapy phase anti-epileptic drug and resolution of status epilepticus
Yasmine Zeid, Pharm.D.1,2; Erin K. Hennessey, Pharm.D., BCPS1,2; Matthew J. Korobey, Pharm.D., BCCCP2. 1. St. Louis College of Pharmacy; 2. Mercy Hospital St. Louis

Evaluating the Impact of Pharmacist Intervention in Osteoporosis Management
Brandi L. Bowers, Pharm.D. 1,2; Shefali Barot, Pharm.D. Candidate 1; Amy M. Drew, Pharm.D., BCPS1,3; 1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis; 3 Mercy Clinic Family Medicine

A Single-Institution Comparison of 4-Factor Prothrombin Complex Concentrate versus Fresh Frozen Plasma
Teri McElheny, Pharm.D.1,2, Matthew J. Korobey, Pharm.D., BCCCP2, Carmen B. Smith, Pharm.D., BCPS1,2. 1St. Louis College of Pharmacy, 2Mercy Hospital

Evaluation of Appropriate Sodium Polystyrene Sulfonate Use with a Hyperkalemia Order Set: A Pilot Study
Zachary T. Mueller, Pharm.D.1,2, Andrew J. Crannage, Pharm.D., BCPS1,2. 1St. Louis College of Pharmacy, 2Mercy Hospital St. Louis

The Impact of an Interdisciplinary Pharmacist-Driven Weight Loss Service: A Pilot Study
Sara E. Twillmann, Pharm.D.1,2; Jamie M. Pitlick, Pharm.D., BCPS1,2. 1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis
St. Louis College of Pharmacy & Mercy Hospital – St. Louis
PGY1 Pharmacy Resident Research

2015 – 2016

- Prospective Randomized Controlled Trial to Evaluate the Effect of a Rivaroxaban Patient Assistance Kit (R-PAK) for Patients Discharged with Rivaroxaban for Treatment of Venous Thromboembolism
  Michelle R. Castelli, Pharm.D.1,2, Catherine A. Dinkins, Pharm.D.1,2; Andrew J. Crannage, Pharm.D., BCPS1,2; Zachary A. Stacy, Pharm.D., BCPS1,2; Jamie M. Pitlick, Pharm.D., BCPS1,2
  1. St. Louis College of Pharmacy 2. Mercy Hospital St. Louis, Missouri

- Impact of pharmacy driven insulin titration protocol in type 2 diabetes mellitus in an underserved population
  Margaret Ladlie, Pharm.D.1,2, Jamie Pitlick, Pharm.D.1,2 1. St. Louis College of Pharmacy 2. Mercy Hospital St. Louis

- A comparison of hospital length of stay in patients treated with direct oral anticoagulants or warfarin for venous thromboembolism
  Catherine A. Saint, Pharm.D.1,2; Michelle R. Castelli, Pharm.D.1,2; Andrew J. Crannage, Pharm.D.1,2; Erin K. Hennessey, Pharm.D.1,2; Zachary A. Stacy, Pharm.D.1,2 1. Mercy Hospital St. Louis 2. St. Louis College of Pharmacy

- Evaluating Metformin Based Dual Therapy of Individuals with Type 2 Diabetes Mellitus in a Primary Care Clinic
  Kimberly L. Zitko, Pharm.D.1,2; Amy M. Drew, Pharm.D., BCPS1,2; Carmen B. Smith, Pharm.D., CPS1,2 1. St. Louis College of Pharmacy; 2. Mercy Hospital St. Louis

2014 – 2015

- Identifying factors impacting recurrent Clostridium difficile infection and development of risk evaluation tool
  Bethanne P. Carpenter, Pharm.D.1,2; Erin K. Hennessey, Pharm.D., BCPS1,2; Alex M. Bryant, Pharm.D.2; Jad A. Khoury, M.D.2; Andrew J. Crannage, Pharm.D., BCPS1,2 1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis

- Retrospective medication use evaluation of high-risk medications in the elderly
  Alexis Gaggini, Pharm.D.1,2; Carmen Smith, Pharm.D., BCPS1,2; Amy Drew, Pharm.D., BCPS1,2
  1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis

- Prospective randomized controlled trial to evaluate the effect of a rivaroxaban patient assistance kit (R-PAK) for patients discharged with rivaroxaban for treatment of VTE: preliminary findings
  Brandon T. Nuziale, Pharm.D.1,2; Jamie M. Pitlick, Pharm.D., BCPS1,2; Zachary A. Stacy, Pharm.D., BCPS1,2; Andrew J. Crannage, Pharm.D., BCPS1,2 1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis

- The association of vasopressin during in-hospital cardiopulmonary resuscitation
  Melissa S. Quinn, Pharm.D.1,2, Matthew J. Korobey, Pharm.D., BCPS2, Zachary A. Stacy, Pharm.D., MS, FCCP, BCPS1,2 Carmen B. Smith, Pharm.D., BCPS1,2 1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis
St. Louis College of Pharmacy & Mercy Hospital – St. Louis
PGY1 Pharmacy Resident Research

2013 – 2014

• Evaluation of a Pharmacy-Driven Heparin-Induced Thrombocytopenia Protocol
  Stuart A. Greaser, Pharm.D. 1,2; Matthew J. Korobey, Pharm.D., BCPS 1,2; Carmen B. Smith,
  Pharm.D., BCPS 1,2 St. Louis College of Pharmacy 1; Mercy Hospital St. Louis 2

• Evaluation of secondary prophylaxis with oral vancomycin on the incidence of recurrent C.
difficile infections in high risk patients
  Nicholas W. Van Hise, Pharm.D. 1,2, Alex M. Bryant, Pharm.D. 2, Andrew J. Crannage, Pharm.D.,
  BCPS1,2, Erin K. Hennessey, Pharm.D., BCPS1,2, Jad A. Khoury, M.D. 2 1St. Louis College of
  Pharmacy; 2Mercy Hospital St. Louis

• Evaluation of a Pharmacist-Provided Discharge Counseling Service on Hospital Readmission
  Rates in the Mercy Hospital St. Louis Ambulatory Care Clinics
  Megan L. Ziegler, Pharm.D. 1,2; Amy M. Drew, Pharm.D., BCPS 1,2; Jamie M. Pitlick, Pharm.D.,
  BCPS 1,2; Margaret Edwards, D.O. 2 1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis