Capstone Projects 2009-2010
Awards and Publications

SIUE Senior Showcase April, 2010

Growing Our Own Pharmacists: The Impact of a Pharmacy High School Minority Summer Camp on Student’s Interest in Pharmacy
Bonnie Brown, Pharm.D. Candidate
Mentors: Gireesh Gupchup, Ph.D. and Lakesha Butler, Pharm.D.

Candida Susceptibility to Fluconazole and other Antifungals
Halley Connor, Pharm.D. Candidate
Mentor: Scott Bergman, Pharm.D.

Prevalence of Vitamin B12 Deficiency in Patients Presenting to a Cognitive Disorders Clinic
Amy Halpin and Morrissa Reynolds, Pharm.D. Candidates
Mentor: J. Mark Ruscin, Pharm.D.

Association Studies of Four Genetic Variations in Redox Enzymes in Patients with Clinical Aspirin Resistance
Ashley Jarrett, Pharm.D. Candidate
Mentor: Ronald Worthington, Ph.D.

Risk of Ischemic Stroke Associated With Concomitant Use of Clopidogrel and Proton Pump Inhibitors
Lucas Stoller, Pharm.D. Candidate
Mentor: Jing Fan, Pharm.D.

Medication Discrepancies among Older Adults Discharged from an Acute Care Setting
Ben Wunderlich, Pharm. D. Candidate
Mentor: J. Mark Ruscin, Pharm. D.

SIUE SOP Poster Day 2010 Awards Winner, April 2010

Best Poster

Medication Discrepancies among Older Adults Discharged from an Acute Care Setting
Ben Wunderlich, Pharm. D. Candidate
Mentor: J. Mark Ruscin, Pharm. D.
Honorable Mention

A Survey Used to Create a Referral Tool for Pharmacy Value-Added Services
Leland Garner, Pharm.D. Candidate
Mentor: Chris Lynch, Pharm.D.

Pharmacy Student Perspectives on Mental Illness and the Impact of a Mental Health Elective
Katherine Muhlstadt, Pharm.D. Candidate
Mentor: Kelly Gable, Pharm.D.

The Impact of Antibiotic Administration Time in Sepsis Patients
Shelley Otsuka, Pharm.D. Candidate
Mentor: Katie Ronald, Pharm.D.

National Meetings

Pediatric Pharmacy Advisory Group Meeting, September, 2009

Continuous Infusion Vancomycin in a Pediatric Cystic Fibrosis Exacerbation
Amy Francis, Pharm.D. Candidate
Mentor: Lisa Lubsch, Pharm.D.

ASHP MidYear, December, 2010

Interventions Made by Pharmacy Students on Advanced Pharmacy Practice Experience Rotations at a Pediatric Hospital
Amy Borland, Pharm.D. Candidate
Mentor: Lisa Lubsch, Pharm.D.

Oncology Pharmacists’ Recommendations for Empiric Antibiotic Therapy for Gram Positive Organisms in Febrile Neutropenia
Emily Collins-Lucey, Pharm.D. Candidate
Mentor: Keith Hecht, Pharm.D.

Candida Susceptibility to Fluconazole and other Antifungals
Halley Connor, Pharm.D. Candidate
Mentor: Scott Bergman, Pharm.D.

An Assessment of the Insulin Protocol within an Intensive Care Unit
Daniel Grohmann, Pharm.D. Candidate
Mentor: Katie Ronald, Pharm.D.

Effect of Locus of Control on Chronic Migraine and Headache Patients and Increased Prevalence and Severity of Depression/Anxiety Disorders
Matthew Hammer, Pharm.D. Candidate
Mentors: Timothy R. Smith, M.D., Robert A. Nicholson, Ph.D., James W. Banks III, M.D.
Staphylococcus aureus infections: an analysis of medical intensive care unit patients at a 500-bed rural teaching hospital
Amanda Hofstetter, Pharm.D. Candidate
Mentor: Katie Ronald, Pharm.D.

Aberrant Drug Taking Behaviors Associated with Opioids by Patients in a Large Family Medicine Residency Clinic: A Retrospective Chart Review
Mathew Lewis, Pharm.D. Candidate
Mentors: Chris Herndon, Pharm.D. and John Chibnall, Ph.D.

The Impact of Antibiotic Administration Time In Sepsis Patients
Shelley Otsuka, Pharm.D. Candidate
Mentor: Katie Ronald, Pharm.D.

Tigecycline Use and Selection of Pseudomonas aeruginosa
Bart Smith, Pharm.D. Candidate
Mentor: Scott Bergman, Pharm.D.

APhA Annual Meeting, March, 2010

Patients’ Use of Calcium and Vitamin D in Combination with Bisphosphonate Therapy for Osteoporosis
Lisa Whitson, Pharm.D. Candidate
Mentor: Miranda Wilhelm, Pharm.D.

ACCP Annual Meeting, October 2011

Tigecycline Use and Selection of Pseudomonas aeruginosa
Bart Smith, Pharm.D. Candidate
Mentor: Scott Bergman, Pharm.D.

ACCP Spring Meeting, April, 2010

Risk of Ischemic Stroke Associated With Concomitant Use of Clopidogrel and Proton Pump Inhibitors
Lucas Stoller, Pharm.D. Candidate
Mentor: Jing Fan, Pharm.D.

Medication Discrepancies among Older Adults Discharged from an Acute Care Setting
Ben Wunderlich, Pharm. D. Candidate
Mentor: J. Mark Ruscin, Pharm. D.
Nominated for Best Student Poster Award

College of Psychiatric and Neurology Pharmacists Meeting, April, 2010

Pharmacy Student Perspectives on Mental Illness and the Impact of a Mental Health Elective
Katherine Muhlstadt, Pharm.D. Candidate
Mentor: Kelly Gable, Pharm.D.
AACP Annual Meeting, July 2010

Growing Our Own Pharmacists: The Impact of a Pharmacy High School Minority Summer Camp on Student’s Interest in Pharmacy
Bonnie Brown, Pharm.D. Candidate
Mentors: Gireesh Gupchup, Ph.D. and Lakesha Butler, Pharm.D.

State Meetings

ICHP Spring Meeting, April, 2010

Tigecycline Use and Selection of Pseudomonas aeruginosa
Bart Smith, Pharm.D. Candidate
Mentor: Scott Bergman, Pharm.D.
Best Student Poster Award

Candida Susceptibility to Fluconazole and other Antifungals
Halley Connor, Pharm.D. Candidate
Mentor: Scott Bergman, Pharm.D.

Publication

Gable, KN, Muhlstadt, KL, Celio, MA. A mental health elective to improve pharmacy students’ perspectives on mental illness. AJPE 2011; 75(2) Article 34.