

# Capstone Projects 2014-2015

## Poster Awards

### SIUE Senior Showcase April, 2015

***Antibiotic de-escalation in patients presenting with healthcare-associated pneumonia in a medical intensive care unit versus the general floor***

Claire Laughlin and Zak Vinson Pharm.D. Candidates

Mentors: Katie Ronald, Pharm.D. and Julie Downen, Pharm.D.

***Analyzing the use of anticholinesterase agents in nursing home patients with chronic obstructive pulmonary disease and bradycardia***

Lyle Pratt, Pharm.D. Candidate

Mentors: J. Mark Ruscin, Pharm.D. and Randy Malan, R.Ph.

***Comparison of patient controlled analgesia and continuous infusion dosing regimens for opioids in pediatric patients with sickle cell vaso-occlusive pain crisis***

Tabetha Todd, Pharm.D. Candidate

Mentors: Jonica Huntman, Pharm.D. and Monica Hulbert, M.D.

### SIUE SOP Poster and Presentation Day Awards Winner, May, 2015

#### Best Poster

***Retrospective chart review evaluating the use of azithromycin for chronic pulmonary management of children with cystic fibrosis***

Shana N. Archer (Stein), Pharm.D. Candidate

Mentor: Lisa Lubsch, Pharm.D.

#### Honorable Mention

***Student perceptions of a performance-based assessment final exam in a self-care elective course***

Audra Keepes (Hipsher), Pharm.D. Candidate

Mentor: Miranda Wilhelm, Pharm.D.

***A retrospective review of emergency department antibiotic prescribing practices for skin and soft tissue infections at a large, Midwestern, tertiary care, teaching facility***

Claire Koch, Pharm.D. Candidate

Mentor: Julie Giddens, Pharm.D.

***Influenza vaccination: A survey to pharmacy students at Southern Illinois University Edwardsville***

Michael C. Menzel, Pharm.D. Candidate

Mentor: Alexander M. Bryant, Pharm.D.

## **Best Business Plan Presentation**

### ***Genetic Advantage: Business Plan***

Bryan Lumpkin, Pharm.D. Candidate

Mentor: Walter Siganga Ph.D.

## **Honorable Mention (tie)**

### ***Personalized Medicine: Implementation in Pain Management***

Brad Rea, Pharm.D. Candidate

Mentor: Darren Hillis, Pharm.D.

### ***PharmZ, LLC***

Catherine Zollars, Pharm.D. Candidate

Mentor: Micah Howell, R.Ph.

## **National Meetings**

### **ASHP MidYear, December, 2014**

#### ***Self-perceived impact of study abroad on pharmacy students' cultural competence***

Emily McMahill (Donahue), Pharm.D. Candidate

Mentor: Kelly Gable, Pharm.D.

#### ***Pharmacist impact on pain control and opioid utilization in patients enrolled in a family medicine pain service: a retrospective chart review***

Jaymi Holloman, Pharm.D. Candidate

Mentor: Chris Herndon, Pharm.D.

#### ***Retrospective evaluation of dosing body weight for unfractionated heparin in the obese population***

Billee John and Emily Tesdal, Pharm.D. Candidates

Mentor: Jingyang Fan, Pharm.D.

#### ***Concurrent use of acetylcholinesterase inhibitors and anticholinergic medications in nursing home residents***

Jessica Kerwin, Pharm.D. Candidate

Mentors: J. Mark Ruscin, Pharm.D. and Randy Malan, R.Ph.

#### ***Antibiotic de-escalation in patients presenting with healthcare-associated pneumonia in a medical intensive care unit versus the general floor***

Claire Laughlin and Zak Vinson Pharm.D. Candidates

Mentors: Katie Ronald, Pharm.D. and Julie Downen, Pharm.D.

#### ***Assessment of the need to prepare education majors and primary/secondary school educators to discuss prescription drug abuse with youth***

Nathan Lindley and Dana Wright, Pharm.D. Candidates

Mentor: Jessica Kerr, Pharm.D.

#### ***Media and legislative impact on provider attitudes toward a recently approved opioid analgesic***

Sara Lindsay, Pharm.D. Candidate

Mentor: Chris Herndon, Pharm.D.

***Evaluation of the causation and treatment of pediatric patients with DRESS syndrome***

Sarah B Schuchard, Pharm.D. Candidate

Mentor: Miranda P Nelson, Pharm.D.

***Comparison of patient controlled analgesia and continuous infusion dosing regimens for opioids in pediatric patients with sickle cell vaso-occlusive pain crisis***

Tabetha Todd, Pharm.D. Candidate

Mentors: Jonica Huntman, Pharm.D. and Monica Hulbert, M.D

**APhA Annual Meeting, March, 2015**

***Survey of community pharmacist knowledge of acetaminophen containing products***

Emil Borowiak, Pharm.D. Candidate

Mentor: Miranda Wilhelm, Pharm.D.

***Student perceptions of a performance-based assessment final exam in a self-care elective course***

Audra Keepes (Hipsler), Pharm.D. Candidate

Mentor: Miranda Wilhelm, Pharm.D.

**Collaborative Learning Institute – Student to Student Forum, National Webinar Series, April, 2015**

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Nathan Lindley and Dana Wright, Pharm.D. Candidates

Mentor: Jessica Kerr, Pharm.D.

**State Meetings**

**IPhA Annual Meeting, September, 2014**

***Evaluation of documented antiplatelet and lipid-lowering therapies for secondary prevention of cardiovascular disease***

Brianna Finch and Megan Spraul (Herman), Pharm.D. Candidates

Mentor: Jennifer Rosselli, Pharm.D.

***Assessment of the need to prepare education majors and primary/secondary school educators to discuss prescription drug abuse with youth***

Nathan Lindley and Dana Wright, Pharm.D. Candidates

Mentor: Jessica Kerr, Pharm.D.

(Selected as Best Student Poster, Project in Process Category)

## **ICHP Spring Meeting, April, 2015**

### ***Retrospective chart review of chronic pain management***

Lauren Kormelink, Pharm.D. Candidate

Mentor: Carrie Vogler, Pharm.D.

### ***The forgotten transition of care: Discharge protocol from hospital to community pharmacy***

Megan LeBaron, Pharm.D. Candidate

Mentor: Kristi Stice Pharm.D.

(Tied for Best Student Poster Award)

### ***Vancomycin use and monitoring following rapid testing of bloodstream cultures for staphylococcus and oxacillin susceptibility***

Michael Santini, Pharm.D. Candidate

Mentor: Scott Bergman, Pharm.D.

(Selected as one of the two top posters, given as a platform presentation instead of poster

Selected as Best Platform Presentation)

### ***Staffing requirements of PGY1 pharmacy residencies in large hospitals and PGY2 pediatric residencies***

Cody Schaefer, Pharm.D. Candidate

Mentors: Jennifer Ellison, Pharm.D. and Julie Kasap, Pharm.D.