

## Capstone Projects 2010-2011 Awards and Publications

### SIUE Senior Showcase April, 2011

***Correlation of DXA and Heel Ultrasonometer T-score Results***

Krista Brown, Pharm.D. Candidate

Mentor: Miranda Wilhelm, Pharm.D.

***Sequential and Combination Vancomycin plus Rifampin Therapy for Staphylococcus Aureus Biofilm Infections***

Jennifer Cho, Pharm.D. Candidate

Mentor: Scott Bergman, Pharm.D.

***Knowledge of Chronic Pain: An Analysis of Health Literacy***

Jake Griffin, Pharm.D. Candidate

Mentor: Radhika Devraj, Ph.D.

***The Compatibility of a Mixture of Four Ophthalmic Drops Plus Sterile Lidocaine Jelly Used as Preoperative Therapy for Cataract Surgery***

Erika Hahn, Pharm.D. Candidate

Mentor: William Neuman, Ph.D., Timothy McPherson, Ph.D., William Kolling, Ph.D.

***Evaluation of a Trial Run of an Objective Structured Clinical Exam in a School of Pharmacy***

Matthew Schneider, Pharm.D. Candidate

Mentor: Erin Timpe, Pharm.D.

### SIUE SOP Poster Day 2011 Awards Winner, April 2011

#### Best Poster

***Assessment of Medication Adherence in an Immigrant and Refugee Psychiatric Patient Population***

Nell Pieper, Pharm. D. Candidate

Mentor: Kelly Gable, Pharm. D.

#### Honorable Mention

***Progress West HealthCare Center: Outpatient Anticoagulation Clinic***

Shannon Byrne Stamper, Pharm.D. Candidate

Mentors: Becky Ridenhour, R.Ph. and Brad McNew, R.Ph.

***Assessing the Cost of Providing Pharmacy Services for the Jamaican Dental Mission Trip***

Rachel Kaveler-Mueller, Pharm.D. Candidate

Mentor: Chris Lynch, Pharm.D.

***An Anticoagulation Clinic Business Plan***

Shyannon Moore McFarland, Pharm.D. Candidate

Mentor: Stacey Thacker, Pharm.D.

**National Meetings**

**ASHP MidYear, December, 2010**

***Correlation of DXA and Heel Ultrasonometer T-score Results***

Krista Brown, Pharm.D. Candidate

Mentor: Miranda Wilhelm, Pharm.D.

***Willingness of Patients to Utilize Pharmacist Based Travel-Immunization Services in the Community Setting***

Kodi Cast, Pharm.D. Candidate

Mentor: Christopher Smith, Pharm.D.

***Patient Perception and Knowledge of Acetaminophen in a Large Family Medicine Service***

Dawn Dankenbring, Pharm.D. Candidate

Mentor: Christopher Herndon, Pharm.D.

***Influence of the Perceived Risk of Cervical Cancer on Human Papiloma Virus Vaccination Among Southern Illinois University Edwardsville Pharmacy Students***

Amanda Findall, Pharm.D. Candidate

Mentor: Keith Hecht, Pharm.D.

***Interim Analysis of Pharmacist-Delivered Diabetes Care***

Justinne Guyton, Pharm.D. Candidate

Mentors: Jennifer Rosselli, Pharm.D. and Chris Lynch, Pharm.D.

***Risk Factors Associated with Hyperglycemia During Induction Therapy in Children with Acute Lymphoblastic Leukemia (ALL)***

Dennis LaChance, Pharm.D. Candidate

Mentors: Melissa Heigham, Pharm.D. and Rachel Langley, Pharm.D.

***Rates of Thrombocytopenia Induced by Targeted Gram-Positive Antibiotic Therapy***

Thomas Majka, Jr., Pharm.D. Candidate

Mentor: Keith Hecht, Pharm.D.

***Pharmacist-Provided Education on Shingles and Shingles Prevention in the Assisted Living Community and Its Impact on Immunization Interest and Patient Knowledge***

Meagan Murphy and Kara Levek, Pharm.D. Candidates

Mentors: Brian Heaney, R.Ph. and Steve Zielinski, Pharm.D.

***Providing Optimal Care to the Chronic Pain Patient in the Community Pharmacy:  
A Patient Survey***

Erron Swick, Pharm.D. Candidate  
Mentor: Christopher Herndon, Pharm.D.

***Initiation, Acceptance, and Implementation of a Novel Worksheet and an Updated Patient  
Controlled Analgesia (PCA) Order Set***

Eric Yurcisin, Pharm.D. Candidate  
Mentors: Matt Hammer, Pharm.D., Julia Schimmelpfenning, Pharm.D. and Christopher  
Herndon, Pharm.D.

**APhA Annual Meeting, March, 2011**

***A Retrospective Review of Error-Prone Abbreviations in a Community Pharmacy***

Leslie Vonderhaar, Pharm.D. Candidate  
Mentor: Miranda Wilhelm, Pharm.D.

**Pediatric Pharmacy Advisory Group Meeting, March, 2011**

***Use of Inhaled Tobramycin as a Treatment in Cystic Fibrosis Pulmonary Exacerbation***

Amy Vennell Carlson, Pharm.D. Candidate  
Mentor: Lisa Lubsch, Pharm.D.

**College of Psychiatric and Neurology Pharmacists Meeting, May, 2011**

***Assessment of Medication Adherence in an Immigrant and Refugee Psychiatric Patient  
Population***

Nell Pieper, Pharm. D. Candidate  
Mentor: Kelly Gable, Pharm. D.

**AACP Annual Meeting, July 2011**

***Growing Our Own Pharmacists: The Impact of a Pharmacy High School Minority Summer  
Camp on Student's Interest in Pharmacy***

Darren DeLong, Pharm.D. Candidate  
Mentor: Lisa Lubsch, Pharm.D.

**ACCP Annual Meeting, October 2011**

***The Prevalence of Noninferiority and Equivalence Studies in Major Medical Journals***

Jeff Harp, Pharm.D. Candidate  
Mentors: Erin Timpe, Pharm.D. and McKenzie Ferguson, Pharm.D.

***Simultaneous versus Sequential Combination Therapy with Vancomycin Plus Rifampin for Staphylococcus aureus Biofilm Infections***

Jennifer Cho, Pharm.D. Candidate

Mentor: Scott Bergman, Pharm.D.

**State Meetings**

**IPhA Annual Meeting, October, 2010**

***Interim Analysis of Pharmacist-Delivered Diabetes Care***

Justinne Guyton, Pharm.D. Candidate

Mentors: Jennifer Rosselli, Pharm.D. and Chris Lynch, Pharm.D.

***Pharmacist-Provided Education on Shingles and Shingles Prevention in the Assisted Living Community and Its Impact on Immunization Interest and Patient Knowledge***

Meagan Murphy and Kara Levek, Pharm.D. Candidates

Mentors: Brian Heaney, R.Ph. and Steve Zielinski, Pharm.D.

**ICHP Spring Meeting, April, 2011**

***The Compatibility of a Mixture of Four Ophthalmic Drops Plus Sterile Lidocaine Jelly Used as Preoperative Therapy for Cataract Surgery***

Erika Hahn, Pharm.D. Candidate

Mentor: William Neuman, Ph.D., Tim McPherson, Ph.D., William Kolling, Ph.D.

Best Student Poster Award

***Evaluation of Serum Bactericidal Titers (Schlichter Tests) for Staphylococcus Aureus***

Gary Pinkley, Pharm.D. Candidate

Mentor: Scott Bergman, Pharm.D.

***Medication Reconciliation for Geriatric Patients through Transition of Care***

John M. House, Pharm.D. Candidate

Mentor: Carrie Vogler, Pharm.D.

***Developing Pharmacy Services for a Student-Run Medical Outreach Clinic for the Homeless***

Kristen Ochs, Pharm.D. Candidate

Mentor: Janice Frueh, Pharm.D.

***The Effect of a Team-based Pharmacist in a Pediatric Hospital Setting on Discharge Prescriptions***

Sara Robinson, Pharm.D. Candidate

Mentor: Lisa Lubsch, Pharm.D.

**Illinois State Academy of Science Annual Meeting, April, 2011**

***Effect of PKC activation on cell motility in EB1 knock-down mouse melanoma cells***

Jeanine Cain, Pharm.D. Candidate

Mentor: Joseph Schober, Ph.D.

Poster Presentation Award for the Cell, Molecular and Developmental Biology Division

**Publications**

Herndon, CM, Dankenbring, DM. Patient perception and knowledge of acetaminophen in a large family medicine service. *Journal of Pain and Palliative Care Pharmacotherapy*. 2014. Early Online; 1-8 DOI 10.3109/15360288.2014.908993.

Devraj, R, Herndon, C, Griffin, J. Pain awareness and medication knowledge: A health literacy evaluation. *Journal of Pain and Palliative Care Pharmacotherapy*. 2013. Early Online; 1-9. DOI 10.3109/15360288.2012.751955.