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**
