1. **Effect of PKC Activation on Cell Motility in EB1 Knock-Down Mouse Melanoma Cells**  
   Jeanine Cain, Pharm.D. Candidate  
   Mentor: Joseph Schober, Ph.D.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois  
   Best Poster Award – Illinois State Academy of Science – Cell, Molecular and Developmental Biology Division

2. **Sequential and Combination Vancomycin Plus Rifampin Therapy for Staphylococcus aureus Biofilm Infections**  
   Jennifer Cho, Pharm.D. Candidate  
   Mentor: Scott Bergman, Pharm.D.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois  
   SIUE Senior Showcase Presenter

3. **Synthesis of Novel Anticonvulsant Compounds**  
   Lacey D. Rodgers, Pharm.D. Candidate  
   Mentor: A. Michael Crider, Ph.D.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

4. **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  
   Mentors: William Neumann Ph.D., Tim McPherson Ph.D., Andrew Neath Ph.D., William Kolling Ph.D.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois  
   SIUE Senior Showcase Presenter  
   Best Poster Award – ICHP Spring Meeting 2011
Business Plans

1. **Korberg Pharmaceutical Manufacturing and Pharmacy Service Provider**
   Rosemary Amponsaa-Korang, Pharm.D. Candidate
   Mentor: Walter Siganga, Ph.D.
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

2. **Therapeutic Diabetic Shoes Business Plan**
   Dallas Basinger, Pharm.D. Candidate
   Mentor: Jason Kasiar, R.Ph.
   Beck’s Drug, Eldorado, Illinois

3. **Progress West HealthCare Center, Outpatient Anticoagulation**
   Shannon Byrne, Pharm.D. Candidate
   Mentors: Becky Ridenhour, R.Ph. and Brad McNew, R.Ph.
   Progress West HealthCare Center, O’Fallon, Missouri
   Honorable Mention – SIUE School of Pharmacy Poster Day 2011

4. **A Telepharmacy Business Model for Independent Pharmacies**
   Josh Chambliss, Pharm.D. Candidate
   Mentor: Todd Evers, R.Ph.
   Evers Pharmacies, Collinsville, Illinois

5. **Establishing a 340b Pharmacy at a Community Mental Health Center**
   Michelle Chesnut, Pharm.D. Candidate
   Mentor: Kelly Gable, Pharm.D.
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

6. **Implementation of a Pharmacist Run Vaccination Clinic at Walgreens Pharmacy in Poplar Bluff, Missouri**
   Mike Crunk, Pharm. D. Candidate
   Mentor: Kasey Schaffer, Pharm. D.
   Walgreens Pharmacy, Poplar Bluff, Missouri

7. **Developing an Anticoagulation Clinic in a Rural Hospital: A Business Plan**
   Lance A. Endsley, Pharm.D. Candidate
   Mentor: Steve Dawkins, R.Ph., MHA
   Fairfield Memorial Hospital, Fairfield, Illinois

8. **Student Pharmacists’ Impact on Jamaican Healthcare: Implementation of a Clinical Service Plan for Hypertension and Type 2 Diabetes**
   Caitlin Hoelscher, Pharm.D. Candidate and Jessie Mueller, Pharm.D. Candidate
   Mentor: Christopher Lynch, Pharm.D.
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois
9. **Implementation of an Antimicrobial Stewardship Program in a Small Midwestern Hospital: Business Plan**  
Ray Katke, Pharm.D. Candidate  
Mentor: Danielle Rahman, Pharm.D.  
Gateway Regional Medical Center Walgreens, Granite City, Illinois

10. **Assessing the Cost of Providing Pharmacy Services for the Jamaican Dental Mission Trip**  
Rachel Kaveler-Mueller, Pharm.D. Candidate  
Mentor: Christopher Lynch, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois  
Honorable Mention – SIUE School of Pharmacy Poster Day 2011

11. **Doehring Pharmacy: Telepharmacy Business Plan**  
Greg McFarland, Pharm.D. Candidate  
Mentor: Tony Doehring, R.Ph.  
Doehring Pharmacy, Okawville, Illinois

12. **An Anticoagulation Clinic Business Plan**  
Shyannon Moore McFarland, Pharm.D. Candidate  
Mentor: Stacey Thacker, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois  
Honorable Mention – SIUE School of Pharmacy Poster Day 2011

13. **Developing Pharmacy Services for a Student-Run Medical Outreach Clinic for the Homeless**  
Kristen Ochs, Pharm.D. Candidate  
Mentor: Janice Frueh, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

14. **Implementation of a Medication Therapy Management Program in a Community Pharmacy**  
Jared Parr, Pharm.D. Candidate  
Mentor: Jo Ellen Miller, Pharm.D.  
Kroger Pharmacy, Marion, Illinois

15. **Starting a PGY2 Psychiatric Residency: A Business Plan**  
Kelly Struemph, Pharm.D. Candidate  
Mentor: Kelly Gable, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

16. **Incorporating Supermarket Educational Tours into a Community Pharmacy’s Services: A Business Plan**  
Jennifer Tucker Schneider, Pharm.D. Candidate  
Mentor: Dan Fieker, R.Ph.  
Family Care Pharmacy, Highland, Illinois

17. **A Business Plan for Designing and Implementing a Telepharmacy**  
Todd Weitekamp, Pharm. D. Candidate  
Mentor: Dan Fieker, R.Ph.  
Family Care Pharmacy, Highland, Illinois
Christopher J. Workman, Pharm.D. Candidate  
Mentor: Michael D. Rohrer, R.Ph.  
Abraham Lincoln Memorial Hospital, Lincoln, Illinois

19. **An Antimicrobial Stewardship Program Business Plan**  
Nathan Yarbor, Pharm.D. Candidate  
Mentor: Michelle Schymik, Pharm. D.  
Deaconess Hospital, Evansville, Indiana

**Surveys**

1. **The Impact of Patient Education on Willingness to Receive the Influenza Vaccine**  
Danelle Asher, Pharm.D. Candidate  
Mentor: Heather Sucech, Pharm.D.  
Walgreens Pharmacy, Springfield, Illinois

2. **Employer Survey of Southern Illinois University of Edwardsville-School of Pharmacy Graduates' Preparedness for the Workplace**  
Michael Balcer, Pharm.D. Candidate  
Mentor: Erin Timpe, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

3. **Willingness of Patients to Utilize Pharmacist Based Travel-Immunization Services in the Community Setting**  
Kodi Cast, Pharm.D. Candidate  
Mentor: Christopher Smith, Pharm.D.  
Walgreen’s Pharmacy, St. Charles, Missouri

4. **Dental Students Perception of the Benefit of Having Pharmacy Students Participate on the SIU Jamaica Dental Mission Trip**  
Robert Connell, Pharm.D. Candidate  
Mentor: Christopher Lynch, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

5. **Improving Access to Diabetes-Related Services**  
Brianna Barton, Pharm.D. Candidate  
Mentor: Jennifer Rosselli, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

6. **Patient Perception and Knowledge of Acetaminophen in a Large Family Medicine Service**  
Dawn Dankenbring, Pharm.D. Candidate  
Mentor: Chris Herndon, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois
7. **Substance Abuse and Addiction Policies for Colleges and Schools of Pharmacy**  
   A National Survey  
   Darren DeLong, Pharm.D. Candidate  
   Mentor: Lisa Lubsch, Pharm.D.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

8. **Demodectic Mange in Canines: An Analysis of FDA Approved and Non-FDA Approved Medications**  
   Kimberly DeRosier, Pharm. D. Candidate  
   Mentor: Cathy Santanello, Ph.D.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

9. **Pharmacist’s Opinion: Does Technician Certification Improve Competency?**  
   Erin M. Ditch, Pharm. D. Candidate  
   Mentor: Amy Cohron, Pharm.D.  
   Schnuck’s Pharmacy, St. Louis, Missouri

10. **Illinois Pharmacists Perception and Willingness to Participate in Community Based Vaccination Clinics**  
    Brian Eddings, Pharm.D. Candidate  
    Mentor: James Troiano, Pharm. D.  
    CVS Pharmacy, Illinois

11. **A 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 A. Hecht, Pharm.D.  
    Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

12. **Superior Product for the Treatment and Control of Flea Infestations in Domesticated Animals: A Survey of Pet Owners**  
    Amanda Garner, Pharm.D. Candidate  
    Mentor: Cathy Santanello, Ph.D.  
    Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

13. **Medication Awareness Program: Assessment of the Participants Interactions with Their Pharmacist**  
    Timothy Gleason, Pharm.D. Candidate  
    Mentor: Christopher Lynch, Pharm.D.  
    Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

14. **Knowledge of Chronic Pain: An Analysis of Health Literacy**  
    Jake Griffin, Pharm.D. Candidate  
    Mentor: Radhika Devraj, Ph.D.  
    Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois  
    SIUE Senior Showcase Presenter
15. **Preceptors Perception of the Introductory Pharmacy Practice Experience Program at Southern Illinois University Edwardsville School of Pharmacy**  
Chelsee Huggins, Pharm.D. Candidate  
Mentor: Theresa Kerr, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

16. **Implementation of Take Care Clinic in a Community Setting**  
Saba Khan, Pharm. D. Candidate  
Mentor: Michelle Leung, Pharm.D.  
Walgreens Pharmacy, Chicago, Illinois

17. **Pharmacist-Provided Education on Shingles and Shingles Prevention in the Assisted Living Community and Its Impact on Immunization Interest and Patient Knowledge.**  
Kara Levek, Pharm.D. Candidate and Meagan Murphy, Pharm.D. Candidate  
Mentors: Brian S. Heaney, R.Ph. & Steven J. Zielinski, Pharm.D.  
Shop N’ Save Pharmacy, St. Louis, Missouri

18. **Efficacy of an Educational Intervention in Enhancing the Counseling Ability of Community Pharmacists in Health Maintenance**  
David Libbra, Pharm.D. Candidate  
Mentor: Mark McAninch, R.Ph.  
Rinderer’s Pharmacy, Bethalto, Illinois

19. **Patients’ Perception of Risk for Developing Type 2 Diabetes Mellitus**  
Dustin Morris, Pharm.D. Candidate  
Mentor: Wayne Piotrowski, R.Ph.  
CVS Pharmacy, Salem, Illinois

20. **Canines with Cardiomyopathy: Are Current Treatments Prolonging Life Expectancies?**  
Marla Musso, Pharm.D. Candidate  
Mentor: Cathy Santanello, Ph.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

21. **Assessment of Medication Adherence in an Immigrant and Refugee Psychiatric Patient Population**  
Nell Pieper, Pharm.D. Candidate  
Mentor: Kelly Gable, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois  
Best Poster Award – SIUE School of Pharmacy Poster Day 2011

22. **The Awareness of Nitroglycerin Myths Amongst Healthcare Professionals**  
Justine Pittenger, Pharm.D. Candidate  
Mentor: Cassandra Maynard, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois
23. **Assessing the Need for, Educating on, and Implementing the File of Life Program in Central Illinois: A Survey**  
Kristy Purcell, Pharm.D. Candidate and Jennifer Scharping, Pharm.D. Candidate  
Mentor: Theresa Kerr, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

24. **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.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois  
SIUE Senior Showcase Presenter

25. **A Profile of Pharmacist Administered Immunization Programs in Illinois**  
Michael Speck, Pharm.D. Candidate  
Mentor: Mike Patton, Executive Director  
Illinois Pharmacists Association, Springfield, Illinois

26. **Providing Optimal Care to the Chronic Pain Patient in the Community Pharmacy: A Patient Survey**  
Erron S. Swick, Pharm.D. Candidate  
Mentor: Chris Herndon, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

27. **Prevalence, Awareness, and Control of Hypertension in a Chicago Suburban Community**  
Paulina Szczerba, Pharm.D. Candidate  
Mentor: Gaurang Patel, Pharm.D.  
Walgreens Pharmacy, Arlington Heights, Illinois

**Retrospective Chart Reviews, Drug Utilization Review, Review of Guidelines, etc**

1. **Evaluation of Standard-Dose Heparin Protocol in Obese Patients**  
Chris Bierman, Pharm.D. Candidate  
Mentor: Jingyang Fan, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

2. **The Effect of Therapeutic Interchange on the Accuracy of Discharge Medication Reconciliation**  
Greg Booth, Pharm.D. Candidate  
Mentor: Jennifer Arnoldi, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

3. **Protocol Development for the Management of Opioid Withdrawal in an Acute Care Inpatient Setting**  
Ritika Chopra, Pharm.D. Candidate  
Mentor: Misty Gonzalez, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois
4. **A Retrospective Chart Review of Core Diabetes Measures within a Primary Care Clinic**  
Daniel Doddroe, Pharm.D. Candidate  
Mentor: Janice Frueh, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

5. **The Influence of Psychiatric Medications on Metabolic Syndrome and Diabetes**  
Michael Geisler, Pharm.D. Candidate  
Mentor: Randy Malan, R.Ph.  
Illinois Department of Mental Health Services, Springfield, Illinois

6. **Interim Analysis of Pharmacist-Delivered Diabetes Care**  
Justinne Guyton, Pharm.D. Candidate  
Mentor: Jennifer Rosselli, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

Marissa Herman, Pharm.D. Candidate  
Mentor: Julia Schimmelpfennig, Pharm.D.  
St. Elizabeth’s Hospital, Belleville, Illinois

8. **Medication Reconciliation for Geriatric Patients through Transition of Care**  
J. Marq House, Pharm.D. Candidate  
Mentor: Carrie Vogler, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

9. **The Concurrent Use of Cholinesterase Inhibitors and Anticholinergics in Elderly Patients**  
Ken Kinsinger, Pharm.D. Candidate  
Mentor: J. Mark Ruscin, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

10. **Evaluation of Erythropoiesis-Stimulating Agent Use in an Outpatient Cancer Center**  
Laura Knuf, Pharm.D. Candidate  
Mentor: Keith Hecht, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

11. **Risk Factors Associated with Hyperglycemia During Induction Therapy in Children with Acute Lymphoblastic Leukemia (ALL)**  
Dennis LaChance, Pharm.D. Candidate  
Mentor: Melissa Heigham, Pharm.D.  
St. Louis Children’s Hospital, St. Louis, Missouri

12. **Rates of Thrombocytopenia Induced by Targeted Gram-Positive Antibiotic Therapy**  
Thomas J. Majka Jr., Pharm.D. Candidate  
Mentor: Keith A. Hecht, Pharm.D.  
Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois
13. **Anemia and Falls: A Retrospective Chart Review in the Long Term Care Setting**  
   Michelle Marek, Pharm.D. Candidate  
   Mentor: James Byars, R.Ph.  
   Omnicare, Belleville, Illinois

14. **Evaluation of Serum Bactericidal Titers (Schlichter Tests) for Staphylococcus aureus.**  
   Gary Pinkley, Pharm.D. Candidate  
   Mentor: Scott Bergman, Pharm. D.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

15. **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.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

16. **Self-Reported Symptoms Before and After Treatment with Individualized Hormone Replacement Therapy**  
   Mark Sly, Pharm.D. Candidate  
   Mentor: Steve Pipert, R.Ph.  
   Rinderer’s Pharmacy, Bethalto, Illinois

17. **Pilot Program to Reduce Medication Reconciliation Errors**  
   Alan Smith, Pharm.D. Candidate  
   Mentor: Kirsten Myers, Pharm.D.  
   Hannibal Regional Hospital, Hannibal, Missouri

18. **Retrospective Analysis of Single Class and Multi Class Polypharmacy Agents on Prevalence of Type 2 Diabetes Mellitus or Associated Risk Factors**  
   Joshua Thompson, Pharm.D. Candidate  
   Mentor: Randy Malan, R.Ph.  
   Illinois Department of Mental Health, Springfield, Illinois

19. **Use of Inhaled Tobramycin as a Treatment in Cystic Fibrosis Pulmonary**  
   Amy Vennell, Pharm.D. Candidate  
   Mentor: Lisa Lubsch, Pharm.D.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

20. **A Retrospective Review of Error-Prone Abbreviations in a Community Pharmacy**  
   Leslie Vonderhaar, Pharm.D.  
   Mentor: Miranda Wilhelm, Pharm.D.  
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois
1. **Correlation of DXA and Heel Ultrasonometer T-score Results**
   Krista Brown, Pharm.D. Candidate
   Mentor: Miranda Wilhelm, Pharm.D.
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois
   SIUE Senior Showcase Presenter

2. **Robotic Prescription Filling Machine in a Community Pharmacy: How Much Time is Really Saved?**
   Daniel Engelkens, Pharm.D. Candidate
   Mentors: Cindy Wuller, M.S. and McKenzie Ferguson, Pharm.D.
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

3. **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.
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

4. **Medication Discrepancies Among Older Adults Discharged from an Acute Care Setting Found During Pharmacist Home Visits**
   Lauren Tedlock, Pharm. D. Candidate
   Mentor: J. Mark Ruscin, Pharm. D.
   Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, Illinois

5. **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., Chris Herndon, Pharm.D. and Julia Schimmelpfennig, Pharm.D.
   St. Elizabeth’s Hospital, Belleville, Illinois