Capstone Research Projects
2011-2012

PHARMACY EDUCATION

1. Health and Pharmacy Related Information on the Internet
   Capstone Students: Sima Akbarpour & Andrew Skripac, PharmD Candidates
   Capstone Research Mentor: Yolanda Hardy, PharmD
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

2. Development of a Preceptor Education Online Video Podcast
   Capstone Students: Charles Anderson & Cody Chan, PharmD Candidates
   Capstone Research Mentor: Charisse Johnson, MS, PharmD
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

3. Examination of Direct to Consumer Advertising in Ethnically Diverse Populations
   Capstone Students: Jade Cao & Mary Corso, PharmD Candidates
   Capstone Research Mentor: Yolanda Hardy, PharmD, Janene Marshall, PharmD
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

4. Examination of Direct to Consumer Advertising in Popular Magazines
   Capstone Students: Gina Agelonidis & Lia Skandamis, PharmD Candidates
   Capstone Research Mentor: Janene Marshall, PharmD
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

5. Knowledge, Feelings, and Perception of the Lay Public on Pharmacy and the Pharmacist
   Capstone Students: Alvi Cyriac, Vaishali Trivedi, Daniel Huynh & Samia Syed, PharmD Candidates
   Capstone Research Mentor: Joseph Slonek, PhD, RPh
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

6. Increasing Student Participation in Faculty Evaluations
   Capstone Students: Kathy Espada & Shital Patel, PharmD Candidates
   Capstone Research Mentor: Allison Rose, PsyD
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL
7. **Pharmacy Students’ Perspective on the Applicability of Professional Coursework on Preparation for Practice**  
   Capstone Students: Bilal Hussain & Keon Ryu, PharmD Candidates  
   Capstone Research Mentor: Elmer Gentry, PhD  
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

8. **Facebook and Academics: Synergy or Rivalry?**  
   Capstone Students: Sana Khan & Liz Yetter, PharmD Candidates  
   Capstone Research Mentor: Nadeem Fazal, MD, PhD  
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

9. **Identifying Possible Factors Contributing to the Low Enrollment Rates of Hispanic Students in Illinois Pharmacy Schools**  
   Capstone Students: James Lott & Enkhtuul Natsagdorj, PharmD Candidates  
   Capstone Research Mentor: Sabah Hussein, PharmD  
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

10. **Peer Assessment in Small Group Projects in the Pharmaceutical Biochemistry Sequence at Chicago State University**  
    Capstone Students: Nora Kirby-Swenson & Lubna Judeh, PharmD Candidates  
    Capstone Research Mentor: Melany Puglisi-Weening, PhD  
    Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

11. **Assessment of Student Knowledge Regarding Women’s Health**  
    Capstone Students: Justine Shanak & Agnes Petrus, PharmD Candidates  
    Capstone Research Mentor: Janene Marshall, PharmD  
    Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

12. **The Impact of Fourth Year Pharmacy Students During Advance Pharmacy Practice Experiences**  
    Capstone Students: Sherry Ojikutu & Nneka Nnamdi, PharmD Candidates  
    Capstone Research Mentors: Charisse Johnson, MS, PharmD, Kumar Mukherjee, PhD  
    Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

13. **Self Observation as a Tool to Enhance Medication Histories**  
    Capstone Students: Ioan Ionescu & Paul Serafin, PharmD Candidates  
    Capstone Research Mentor: Diana Isaacs, PharmD, BCPS  
    Chicago State University College of Pharmacy (CSU-COP), Chicago, IL
14. **Assessment of Tradeoffs made by the United States population due to Financial Stress from Medical Care**  
   Capstone Student: Veronica Posey, PharmD Candidate  
   Capstone Research Mentor: Kumar Mukherjee, PhD  
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL  

15. **Impact of a Residency Panel on Student Pharmacists’ Decision to Pursue Residency**  
   Capstone Students: Mary Kate Miller & Dianna Wood, PharmD Candidates  
   Capstone Research Mentor: Diana Isaacs, PharmD, BCPS  
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL  

16. **Evaluation of Urine Cultures with Enterococcus: Correlation with Clinical Infection and Assessment of Treatment Options**  
   Capstone Students: Carlos Gomez & Rebecca Adorable, PharmD Candidates  
   Capstone Research Mentor: John Esterly, PharmD, BCPS  
   Northwestern Memorial Hospital, Chicago, IL  

17. **Using a Health Analysis Assignment to Help Pharmacy Students Assess Community Health**  
   Capstone Students: Foladase Akinyele, Chigozirim Mbadugha & Maurice Shaw, PharmD Candidates  
   Capstone Research Mentors: Yolanda Hardy, PharmD, Charisse Johnson, MS, PharmD  
   Roseland Community Hospital, Chicago, IL  

18. **Assessment of Anticoagulation Control in an Outpatient Multi-Specialty Facility**  
   Capstone Students: Matthew Biszewski & Seema Shah, PharmD Candidates  
   Capstone Research Mentor: Yolanda Hardy, PharmD  
   WellGroup Anticoagulation Clinic, St. James Hospital, Chicago, IL  

19. **A Qualitative Approach to Developing Criteria for Assessing High-Priority Drug Drug Interactions for Clinical Decision Support in Ambulatory Electronic Health Records**  
   Capstone Students: Anish Choksi, PharmD Candidates  
   Capstone Research Mentor: Shobha Phansalkar, PhD, RPh  
   Partners Healthcare Systems, Inc., Wellesley, MA  

20. **Establishing an Immunization Clinic**  
   Capstone Students: Cassandra Cruz, Bineesh Moyeed, & Jason Ramirez, PharmD Candidates  
   Capstone Research Mentor: Yolanda Hardy, PharmD  
   Halsted Health Mart, Chicago, IL
21. Comparison of IVIG Use After Addition of Electronic Order Entry Support and Education at a Large Academic Medical Center
   Capstone Students: Laurits Dunham & Brett Walker, PharmD Candidates
   Capstone Research Mentor: Leah Bentley, PharmD, BCPS
   University of Chicago Medical Center, Chicago

22. Medication Therapy Management Service: A Business Plan
   Capstone Students: Robin Carney, Maria Harmon & Matthew Joachim, PharmD Candidates
   Capstone Research Mentor: Yolanda Hardy, PharmD
   WellGroup Health Partners, Chicago, IL

23. Assessing Hypertension Knowledge and Risk of Developing Disease Complications in a College Community
   Capstone Student: Pooja Mehta, PharmD Candidate
   Capstone Research Mentors: Yolanda Hardy, PharmD, Charisse Johnson, MS, PharmD
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

24. Evaluation of Warfarin Reversal Strategies in a Community Hospital
   Capstone Students: Obinna Moemenam & Roberta Nyblom, PharmD Candidates
   Capstone Research Mentor: Antoine Jenkins, PharmD, BCPS
   Roseland Community Hospital, Chicago, IL

25. Evaluation of Assessing Blood Pressure during Anticoagulation Management Clinic Visits
   Capstone Student: Neha Patel, PharmD Candidate
   Capstone Research Mentor: Sneha Srivastava, PharmD, BCACP
   WellGroup Health Partners, Chicago, IL

26. Assessment of Patient Satisfaction with Clinical Services
   Capstone Students: Vadim Nitikin & Sherry Williams, PharmD Candidates
   Capstone Research Mentor: Yolanda Hardy, PharmD
   WellGroup Health Partners, Chicago, IL

27. Evaluation of Antiretroviral Drug Interactions with Warfarin: A Case-Control Study
   Capstone Student: Fidah Othman, PharmD Candidate
   Capstone Research Mentor: John Esterly, PharmD, BCPS
   Northwestern Memorial Hospital, Chicago, IL
28. **Evaluation of Combination Antifungal Therapy**  
   Capstone Student: Jennifer Cashmore, PharmD Candidate  
   Capstone Research Mentor: Natasha Pettit, PharmD, BCPS  
   University of Chicago Medical Center, Chicago, IL

29. **Evaluation of Medication Adherence among Patients with Common Chronic Diseases**  
   Capstone Students: Raj Punnoose & Roudi Youkhan, PharmD Candidates  
   Capstone Research Mentors: Sneha Baxi Srivastava, PharmD, BCACP, Diana Isaacs, PharmD, BCPS  
   WellGroup Health Partners, Chicago, IL

30. **Evaluation of Hypoglycemia and its Management in Hospitalized Patients**  
   Capstone Student: Heather Roberts, PharmD Candidate  
   Capstone Research Mentor: Nishil Patel, PharmD, BCPS  
   University of Chicago Medical Center, Chicago, IL

31. **Medication Use Evaluation of Albumin**  
   Capstone Student: Ash Trivedi, PharmD Candidate  
   Capstone Research Mentor: Katherine Mieure, PharmD, BCPS  
   University of Chicago Medical Center, Chicago, IL

32. **The Effect of Oral Anticoagulation Knowledge on Patient Adherence and Outcomes**  
   Capstone Student: Stephanie Pape, PharmD Candidate  
   Capstone Research Mentor: Deborah Harper-Brown, PharmD  
   WellGroup Health Partners, Chicago, IL

33. **Lipid Clinic Needs Assessment**  
   Capstone Student: Alice Sheen, PharmD Candidate  
   Capstone Research Mentor: Sneha Srivastava, PharmD, BCACP  
   WellGroup Health Partners, Chicago, IL

34. **The Feasibility of Interdisciplinary Professional Education at Chicago State University**  
   Capstone Students: Jose Carrasco & Sharon Thomas, PharmD Candidates  
   Capstone Research Mentor: Angela Riley, PharmD, CGP  
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL
35. **Simulated Pharmacist-Patient Encounters as Part of an Ambulatory Care Elective Course**  
   Capstone Students: Marianne Shenouda & Baljit Singh, PharmD Candidates  
   Capstone Research Mentor: Diana Isaacs, PharmD, BCPS  
   Chicago State University College of Pharmacy (CSU-COP), Chicago, IL

36. **Barriers to Implementing Clinical Services in an Independent Pharmacy**  
   Capstone Students: Peter Akudo & Andrew Wojcik, PharmD Candidates  
   Capstone Research Mentor: Yolanda Hardy, PharmD  
   200 Pharmacy, Chicago, IL

37. **Business Plan Development: Medication Therapy Management Services at WellGroup**  
   Capstone Student: Erum Siddiqui & Tahir Vora, PharmD Candidates  
   Capstone Research Mentor: Sabah Hussein, PharmD  
   WellGroup Health Partners, Chicago, IL

38. **USP <797> Adoption by Boards of Pharmacy in the United States**  
   Capstone Students: Mai Wazwaz, PharmD Candidate  
   Capstone Research Mentor: Miriam A. Mobley Smith, PharmD  
   Chicago State University College of Pharmacy (CSU-COP)

39. **Comparative Studies on Heparin Contaminant Interactions with Normals, Liver Disease, Heparin Treated and Oral Anticoagulant Treated Patients Plasma**  
   Capstone Student: Jurgita Zeimys, PharmD Candidate  
   Capstone Research Mentor: Jawed Fareed, PhD  
   Loyola University Medical Center, Maywood, IL  
   Rush Medical Center, Chicago, IL

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**PHARMACEUTICAL SCIENCES**

40. **FAAH and MAGL Inhibitors as Potential Antidepressant and Anxiolytic Drug Targets**  
   Capstone Student: Setor Akati, PharmD Candidate  
   Capstone Research Mentor: Abir El-Alfy, PhD  
   Chicago State University College of Pharmacy (CSU-COP)

41. **Development of an HPLC Method for the Determination of Horse Apple Isoflavones**  
   Capstone Student: Ketur Darji, PharmD Candidate  
   Capstone Research Mentor: Ehab Abourashed MS, PhD  
   Chicago State University College of Pharmacy (CSU-COP)
42. *Chemical Defenses of the Green Alga Penicillus Dumetosus*
   Capstone Students: Kecia Thomas & Chintan Brahmbhatt, PharmD Candidates
   Capstone Research Mentor: Melany Puglisi-Weening, PhD
   Chicago State University College of Pharmacy (CSU-COP)

43. *Neurotoxic Effect of Acrylamide on Kappa Opioid Receptor 1 Expression*
   Capstone Students: Wing Ho & Tina Jun, PharmD Candidates
   Capstone Research Mentor: Abir El-Alfy, PhD
   Chicago State University College of Pharmacy (CSU-COP)