

# Capstone Research Projects 2011-2012

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## 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

**PHARMACY PRACTICE**

**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: Folasade 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 Youkhana, 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

**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)