

Scientific Poster Presentations I

Saturday, April 24, 2010

Hilton: Piedmont Ballroom

6:45 p.m. – 8:45 p.m.

ENCORE PRESENTATIONS:

Abstracts marked with an “E” are Encore Presentations. Encore presentations undergo the same peer review process as all other presentations, but they may have been presented elsewhere or published in abstract form prior to the 2010 Spring Practice and Research Forum.

FINALISTS IN ABSTRACT AWARDS COMPETITION:

Abstracts marked with an “F” are finalists for the Best Paper, Best Resident and Fellow, and Best Student Poster awards. These papers were selected by a special panel of reviewers. The Best Student Poster will be announced at 8:30 p.m., Saturday, April 24, 2010 in the Piedmont Ballroom of the Hilton Hotel. The Best Resident and Fellow Poster and the Best Paper will be announced at 6:30 p.m., Monday, April 26, in the Piedmont Ballroom of the Hilton Hotel.

ORIGINAL RESEARCH

Critical Care

11E. Resolution of clinical signs in trauma intensive care unit patients following diagnosis of ventilator-associated pneumonia.

Kathryn A. Connor, Pharm.D., Joseph M. Swanson, Pharm.D., BCPS, G. Christopher Wood, Pharm.D., FCCP, BCPS, (AQ-ID), Bradley A. Boucher, Pharm.D., BCPS, FCCP, FCCM, Louis J. Magnotti, MD; The Regional Medical Center at Memphis/The University of Tennessee Health Science Center, Memphis, TN

12E. Association between Statins Therapy and the outcome of Critically Ill Patients.

Shmeylan A. Al Harbi, Pharm.D., Yaseen M. Arabi, MD, FCCP, FCCM, Hani Tamim, MPH, PhD; King Abdulaziz Medical City of National Guard, Riyadh, Saudi Arabia

13. A descriptive study of antipsychotic use in a medical intensive care unit.

*Emily K. Dornblaser, PharmD*¹, Cassandra J. Bellamy, PharmD, BCPS², William D. Schweickert, MD², Amanda M. Ball, PharmD, BCPS²; (1)University of New England, Portland, ME; (2)Hospital of the University of Pennsylvania, Philadelphia, PA

14. Incidence of nosocomial infections in critically ill patients sedated with propofol compared to benzodiazepines.

*Philip E. Grgurich, PharmD, MBA*¹, John Marshall, Pharm.D.²; (1)Froedtert Hospital, Milwaukee, WI; (2)Actelion Pharmaceuticals, Stoneham, MA

Emergency Medicine

24. Retrospective evaluation of blood pressure management during ischemic stroke.

Marc Lapointe, BS, PharmD, Jennifer J. Glace, BA, PharmD, Candidate, Robert S. Helmer, PharmD, Candidate; South Carolina College of Pharmacy, Charleston, SC

Geriatrics

26. Cognitive impairment in the elderly: a valid barrier to the initiation of warfarin therapy?.

*Hanan S. Khreizat, Pharm.D.*¹, Candice L. Garwood, Pharm.D., BCPS², Peter Whittaker, PhD³; (1)Harper University Hospital, Detroit, MI; (2)Wayne State University, Detroit, MI; (3)Wayne State University School of Medicine, Cardiovascular Research Institute and Dept of Emergency Medicine, Detroit, MI

27. Vitamin D deficiency and the response of 25-hydroxyvitamin D levels to ergocalciferol replacement therapy in elderly patients.

*Ginelle A. Schmidt, Pharm.D.*¹, Ryan B. Jacobsen, Pharm.D., BCPS², Kathleen E. Horner, Pharm.D., BCPS², Deanna L. McDanel, Pharm.D., BCPS²; (1)Drake University College of Pharmacy and Health Sciences, Des Moines, IA; (2)University of Iowa Hospitals and Clinics, Iowa City, IA

HIV/AIDS

30. Assessment of antiretroviral medication knowledge: A survey of New York State pharmacists.

Tomasz Z. Jodlowski, Pharm.D., Donna Sym, Pharm.D., John Conry, Pharm.D., Tina Kanmaz, Pharm.D.; St. John's University, Queens, NY

31E. GRACE (Gender, Race And Clinical Experience): 48-week results of darunavir/ritonavir-based therapy in the largest HIV treatment trial in North America focused on treatment-experienced women.

*Deborah H. Schaible, PharmD*¹, Judith Currier, MD, MSc², Kathleen Squires, MD³, Robert Ryan, MS⁴, Joseph Mrus, MD, MSc¹; (1)Tibotec Therapeutics, Bridgewater, NJ; (2)UCLA CARE Center, Los Angeles, CA; (3)Jefferson Medical College of Thomas Jefferson University, Philadelphia, PA; (4)Tibotec Therapeutics, Yardley, PA

Infectious Diseases

32. A comparison of the efficacy of echinocandins and non-echinocandins in the treatment of *Candida* parapsilosis: A Meta-analysis.
*Pramodini B. Kale-Pradhan, Pharm.D.*¹, Sheila M. Wilhelm, PharmD, BCPS¹, Geoffrey Morgan, Pharm.D., Candidate¹, Leonard Johnson, MD²; (1)Wayne State University, Detroit, MI; (2)St. John Hospital and Medical Center, Detroit, MI
33. Bile and gallbladder tissue concentrations of moxifloxacin in patients with infectious cholecystitis.
*Curtis L. Smith, Pharm.D.*¹, Gary E. Stein, Pharm.D.², Benjamin Mosher, M.D.², Charles Peloquin, Pharm.D.³, Leslie A. Dybas, B.S.², John P. Kepros, M.D.²; (1)Ferris State University College of Pharmacy, Lansing, MI; (2)Michigan State University, East Lansing, MI; (3)University of Florida, College of Pharmacy, Gainesville, FL
34. Comparison of Health Outcomes and Nephrotoxicity for Diabetic and Non-Diabetic Patients Hospitalized for MRSA Bacteremia.
*Nicolas A. Forcade, PharmD*¹, Ronald G. Hall, PharmD, BCPS², Sara D. Brouse, PharmD, BCPS², Christopher A. Giuliano, PharmD³, Krystal K. Haase, PharmD, BCPS³, Kathleen Hazelwood, PharmD⁴, Christopher R. Frei, PharmD, MSc, BCPS¹; (1)The University of Texas at Austin College of Pharmacy and The University of Texas Health Science Center at San Antonio, San Antonio, TX; (2)Texas Tech University Health Sciences Center and the Dallas Veterans Affairs Medical Center, Dallas, TX; (3)Texas Tech University Health Sciences Center, Amarillo, TX; (4)The University of Wyoming School of Pharmacy, Laramie, WY
35. Bioactivity of tetracycline antibiotic lock therapy in a model of catheter infection.
*P. Brandon Bookstaver, PharmD, BCPS*¹, S. Scott Sutton, PharmD, BCPS¹, Robert J. Sherertz, MD²; (1)South Carolina College of Pharmacy-USC Campus, Columbia, SC; (2)Wake Forest University School of Medicine, Winston-Salem, NC
36. Colistin use for multi-drug resistant *Acinetobacter* infections.
Juliette Kim, Pharm.D., *Jason Gallagher, Pharm.D.*; Temple University School of Pharmacy, Philadelphia, PA
- 37E. Evaluation of a multidisciplinary intervention on initial vancomycin dosing in the intensive care unit.
Dimitriy Levin, MD¹, *Tyree H. Kiser, Pharm.D.*²; (1)University of Colorado Denver Hospital Medicine Group, Aurora, CO; (2)University of Colorado School of Pharmacy, Aurora, CO

Medication Safety

38. Characterization of medication errors in pediatric patients.
*April D. Miller, PharmD, BCPS*¹, Christina C. Piro, PharmD², Celeste N. Rudisill, PharmD¹, P. Brandon Bookstaver, PharmD, BCPS¹, Jennifer Bair, PharmD²; (1)South Carolina College of Pharmacy-USC Campus, Columbia, SC; (2)Palmetto Health Richland, Columbia, SC

39. A randomized trial of a warfarin management protocol to enhance communication between nursing home staff and physicians: the SBAR approach.
*Jennifer L. Donovan, PharmD*¹, Abir O. Kanaan, PharmD¹, Terry S. Field, DSc², Jennifer Tjia, MD, MSCE², Kathleen Mazor, EdD², Leslie Harrold, MD, MPH², Peter Doherty, BS², Sherri Epstein, BS², Ann Spenard, MSN, RN³, Jerry H. Gurwitz, MD²; (1)Massachusetts College of Pharmacy and Health Sciences, Worcester, MA; (2)Meyers Primary Care Institute, University of Massachusetts Medical School, Worcester, MA; (3)Qualidigm, Rocky Hill CT, Worcester, MA

40. Comparative analysis of intravenous fluid preparation in the hospital pharmacy and at the ward.
*Dorothee C. Dartsch, PhD, Prof.*¹, Carola Dehmel, PhD², Claudia Langebrake, PhD², Stephan Braune, MD², Michael Baehr, PhD²; (1)Hamburg University, Hamburg, Germany; (2)University Medical Center Hamburg-Eppendorf, Hamburg, Germany

Pulmonary

- 58E. Practice Patterns in the Prescription of Oral Corticosteroid Burst Therapy in the Outpatient Management of Acute Asthma Exacerbations.
*James E. Fish, MD*¹, Anne Fuhlbrigge, MD², Robert F. Lemanske Jr., MD³, Lawrence Rasouliyan, MPH⁴, Christine Sorkness, PharmD, RPh³; (1)Genentech, Inc., South San Francisco, CA; (2)Brigham and Women's Hospital, Boston, MA; (3)University of Wisconsin, Madison, Madison, WI; (4)Ovation Research Group, San Francisco, CA

CLINICAL PHARMACY FORUM

ADR/Drug Interactions

59. Adverse drug reactions with high-dose iron sucrose: a retrospective review.
Jacqueline Takere, Pharm.D., Rolee Pathak, Pharm.D., BCPS; Englewood Hospital and Medical Center, Englewood, NJ

Community Pharmacy Practice

75E. Ask your Pharmacist Safe Sleep program to reduce the risk of SIDS.

Hanan Kallash, MS, Shavon Artis, MPH; Eunice Kennedy Shriver National Institute of Child Health and Development, Baltimore, MD

Critical Care

76. Assessment of Pharmacist Training for Code Blue Participation.

Jennifer Mando-Vandrick, PharmD, BCPS, Kristen B Campbell, PharmD, BCPS; Duke University Health System, Durham, NC

77. Medication adherence to advanced cardiac life support (ACLS) guidelines in an academic medical center.

Brian Stump, Pharm.D., Sharon L. Wilson, Pharm.D., BCPS, Siu Yan Amy Yeung, Pharm.D., John Blenko, MD; University of Maryland Medical Center, Baltimore, MD

Drug Information

78. First Vancomycin Dosing Nomogram constructed to achieved high trough concentration.

Wuan-Jin Leu, MS.¹, Tzu-Hsuan Lu, BS.¹, Chiu-Hung Weh, MS.¹, Wei-Chian Cheng, BS.², Chia-Shan Hsu, BS.², Yi-Yung Lin, BS.²; (1)Department of Pharmacy, Taipei Medical University- Shuang Ho Hospital, Taipei, Taiwan; (2)College of Pharmacy, Taipei Medical University, Taipei, Taiwan

Endocrinology

84. Targeting hypoglycemic events to improve glycemic control: an interventional and educational approach.

Stephen J. Schafers, PharmD, Kim A Carmichael, MD, James M Freer, MD, Rosanne Naunheim, MD, Garry S Tobin, MD; Barnes-Jewish Hospital at Washington University Medical Center, St. Louis, MO

85. Evaluation of a basal insulin therapeutic interchange program in two community hospitals.

Donna Buss, PharmD¹, Nicole Hanson, PharmD², Wayne Hamm, PharmD³; (1)Dyersburg Regional Medical Center, Dyersburg, TN; (2)Ponca City Medical Center, Ponca City, OK; (3)Community Health Systems, Franklin, TN

Family Medicine

86. Physician satisfaction with pharmacists in an inpatient family medicine service.

Bryan L. Love, PharmD, BCPS, Heather A. Kehr, PharmD, BCPS; Wingate University School of Pharmacy/Cabarrus Family Medicine Residency Program, Wingate, NC

87. Evaluation of pharmacist activities on an inpatient family medicine service.

Bryan L. Love, PharmD, BCPS, Heather A. Kehr, PharmD, BCPS; Wingate University School of Pharmacy/Cabarrus Family Medicine Residency Program, Wingate, NC

88. Heart health in high risk diabetes: role of combined clinical pharmacist and nutritionist intervention.

Jamie Messenger, Pharm.D., Kay Craven, MPH, RD, CDE, Sandra Hardee, B.S., Pharm.D., Susan M. Morrissey, M.A., Robert Newman, M.D., Doyle M. Cummings, B.S., Pharm.D., FCP, FCCP; East Carolina University, Brody School of Medicine, Greenville, NC

Medication Safety

92. Gloved fingertip sampling to comply with USP Chapter 797.

Philip D. Rolland, Pharm.D., M.H.A.; Byrd Regional Hospital, Leesville, LA

93. Analysis of medical prescriptions of albumin: tests in the hospitals of Mondovi'-Ceva, asl cn-1.

Lucia Bagnasco, Doctor, Brunetti Carlo, Doctor, Bovetti Bianca, Doctor, Bramardi Andreina, Doctor; Pharmaceutical Service A.S.L. CN-1 Mondovi'-Ceva district,, Mondovi, Italy

94. The Polk County Pharmacy Collaborative: A survey of medication reconciliation practices.

Sally L. Haack, PharmD, Megan Friedrich, PharmD, Andrew Miesner, PharmD, Erik Maki, PharmD; Drake University College of Pharmacy and Health Sciences, Des Moines, IA

95E. Focus on the palliative cares in the mondovi'-ceva district of the asl cn-1 of piedmont.

Lucia Bagnasco, Doctor, Brunetti Carlo, Doctor, Bramardi Andreina, Doctor; Pharmaceutical Service A.S.L. CN-1 Mondovi'-Ceva district,, Mondovi, Italy

96. An inpatient pharmacist-directed anticoagulation service targeting safe transition of care.

Jessica Schillig, PharmD, Scott Kaatz, DO, Michael Hudson, MD, Gregory Krol, MD, Edward Szandzik, RPh, MBA, James S. Kalus, Pharm.D.; Henry Ford Hospital, Detroit, MI

Psychiatry

98. The impact of a pharmacist assisted clinic upon medication adherence and quality of life in mental health patients.

Sarah A. Parnapy, Pharm.D.¹, Mitsi H. Lizer, Pharm.D., BCPP¹, Wallace Marsh, Ph.D.¹, Susan P. Bruce, PharmD², Lakuma Mogili, MD³; (1)Shenandoah University - School of Pharmacy, Winchester, VA; (2)Northeastern Ohio

Universities Colleges of Medicine & Pharmacy, Rootstown, OH; (3)Valley Behavioral Health Associates, Winchester, VA

Transplant/Immunology

99. Statewide Medication Access Program for Solid-Organ Transplant Patients.

Marie Chisholm-Burns, PharmD, MPH¹, Charlene Garrett, BSM, CPhT², Kimberly Smith, CPhT², DeKeisha Knowles, N/A², Debbie Martin, RN³, Christina Spivey, PhD¹, Herbert McGinty, RPh²; (1)The University of Arizona College of Pharmacy, Tucson, AZ; (2)The University of Georgia College of Pharmacy; Medical College of Georgia, Augusta, GA; (3)Emory University, Atlanta, GA

Urology

100. Prospective human blood-CNS biodistribution and neurocognitive studies of a quaternary amine antimuscarinic agent for OAB: The SMART trial.

Christopher Dadas, PharmD¹, Michael G. Oefelein, MD, FACS¹, Gary G. Kay, Ph.D.², David R. Staskin, M.D.³; (1)Allergan, LLC, Irvine, CA; (2)Cognitive Research Corporation, St. Petersburg, FL; (3)Tufts University School of Medicine, Boston, MA

RESIDENTS AND FELLOWS RESEARCH IN PROGRESS

ADR/Drug Interactions

101. Use of proton pump inhibitors and prevalence of Clostridium difficile infection at a community hospital.

Jacqueline Gabbay, BS, Pharm.D.¹, Maricelle Monteagudo-Chu, Pharm.D., BCPS¹, Steve Brooks, PhD², Rizwanullah Hameed, M.D.², Henry Cohen, M.S., Pharm.D., FCCM, BCPP, CGP¹; (1)Kingsbrook Jewish Medical Center/Arnold & Marie Schwartz College of Pharmacy and Health Sciences of Long Island University, Brooklyn, NY; (2)Kingsbrook Jewish Medical Center, Brooklyn, NY

Critical Care

117. Incidence of renal failure in surgical intensive care unit patients following co-administration of Vancomycin and Piperacillin/tazobactam.

Ashley L. Rosenquist, Pharm.D., BCPS, Emily A. Durr, PharmD; University of North Carolina Hospitals, Chapel Hill, NC

118. Impact of a clinical pharmacist on blood glucose control in the intensive care unit.

Melissa M. Lagzdins, Pharm.D., BCPS, Lisa McIntyre, Pharm.D., Andrea Decker, Pharm.D., BCPS; Mercy St. Vincent Medical Center, Toledo, OH

119. Evaluation of adult patient outcomes with dexmedetomidine for prolonged sedation.

Kimberly M. Sarosky, M.S., Pharm.D.¹, Dinesh Yogaratnam, Pharm.D., BCPS¹, Neil Gilchrist, Pharm.D., BCPS¹, Ifeoma Asoh, Pharm.D.¹, Jeffrey J. Fong, Pharm.D., BCPS²; (1)UMass Memorial Medical Center, Worcester, MA; (2)Massachusetts College of Pharmacy and Health Sciences, Worcester, MA

120. Evaluation of diabetic ketoacidosis management at an academic medical center.

Andrew L. Rogalski, PharmD¹, Aaron M. Cook, PharmD, BCPS², George A. Davis, PharmD, BCPS³, P. Shane Winstead, PharmD¹, Daniel A. Lewis, PharmD, BCPS³, Kyle A. Weant, PharmD, BCPS³; (1)UK HealthCare, Lexington, KY; (2)University of Kentucky, Lexington, KY; (3)University of Kentucky HealthCare, Lexington, KY

121. Use of Oral Midodrine in Weaning-off Intravenous Vasopressors in Patients with Septic Shock.

Michael Liu, Pharm.D.¹, Bishoy Luka, Pharm.D., BCNSP¹, Rajyalakshmi Kolli, M.D.², Yogesh Sharma, M.D.², Rajat Mukherji, M.D.², Henry Cohen, MS, Pharm.D., FCCM, BCPP, CGP¹; (1)Arnold & Marie Schwartz College of Pharmacy and Health Sciences of Long Island University and Kingsbrook Jewish Medical Center, Brooklyn, NY; (2)Kingsbrook Jewish Medical Center, Brooklyn, NY

Drug Information

122. Impact of American Society of Health-System Pharmacists' postgraduate year 2 requirements on drug information residencies.

Temeka Borden, Pharm.D.¹, Maisha Kelly Freeman, Pharm.D., BCPS¹, Terri M. Wensel, Pharm.D., BCPS², Peter J. Hughes, PharmD³; (1)Samford University, Birmingham, AL; (2)Samford University McWhorter School of Pharmacy, Birmingham, AL; (3)McWhorter School of Pharmacy, Birmingham, AL

Endocrinology

128. A glucose meter accuracy study: A comparison of the Yellow Springs Instrument with venous laboratory glucose measurements and plasma-calibrated value-added, auto-coded glucose meters.

Andrea N. Traina, Pharm.D.¹, Michael P. Kane, Pharm.D.¹, Robert A. Hamilton, Pharm.D.¹, Gary Bakst, M.D.², Robert S. Busch, M.D.², Jill M. Abelseth, M.D.²; (1)Albany College of Pharmacy and Health Sciences, Albany, NY; (2)The Endocrine Group, LLP, Albany, NY

129. Efficacy of teriparatide in patients with resolved secondary hyperparathyroidism due to vitamin D deficiency.

Andrea N. Traina, Pharm.D.¹, Michael P. Kane, Pharm.D.¹, Robert A. Hamilton, Pharm.D.¹, Robert S. Busch, M.D.², Gary Bakst, M.D.², Jill M. Abelseth, M.D.²; (1)Albany College of Pharmacy and Health Sciences, Albany, NY; (2)The Endocrine Group, LLP, Albany, NY

Geriatrics

131. Administration of drugs by nurses: a survey in a geriatric hospital.

Jennifer Grangé Sr., Pharmacist, Isabelle Peyron, Pharmacist, Heloïse Massa, Student, Clément Badie, Student, Françoise Lamberdière, Risk manager, Anna Sarfati, Pharmacist; Charles Foix Hospital, AP-HP, Ivry Sur Seine, France

132. Changes in psychoactive drug use following relocation of skilled nursing facility residents.

Laura E. Yoder, Pharm.D., Ann M. Nye, Pharm.D., FASCP, CGP, Tina Thornhill, Pharm.D., FASCP, CGP, Amber M. Peoples, Pharm.D., BCPS; Campbell University, Buies Creek, NC

133. Medication discrepancies identified at time of hospital discharge in a geriatric population.

Danielle M. Stitt, PharmD¹, David P. Elliott, PharmD²; (1)Charleston Area Medical Center, Charleston, WV; (2)West Virginia University, Charleston, WV

HIV/AIDS

140. Prevalence of cardiovascular risk factors in perinatally HIV-infected children and adolescents.

Diana Yu, PharmD, BCPS¹, Sonia Vibhakar, PharmD¹, Pamela Haerr, RN, CPNP², James McAuley, MD, MPH³, Blake Max, PharmD¹; (1)University of Illinois at Chicago, Chicago, IL; (2)Ruth M. Rothstein CORE Center, Chicago, IL; (3)Rush Medical Center, Chicago, IL

Infectious Diseases

141. Trends in antibiotic usage for community-acquired methicillin resistant *Staphylococcus aureus*.

Craig J. Beavers, PharmD¹, Douglas T. Steinke, Ph.D.², William R. Judd, Pharm.D., BCPS³, David J. Feola, Pharm.D., Ph.D., BCPS², Brian S. Murphy, MD, MPH⁴, Craig A. Martin, PharmD, BCPS⁵; (1)UK Healthcare, Lexington, KY; (2)University of Kentucky College of Pharmacy, Lexington, KY; (3)Saint Joseph Health System, Lexington, KY; (4)University of Kentucky College of Medicine, Lexington, KY; (5)UK HealthCare, Lexington, KY

142. Characterization of heteroresistant vancomycin-intermediate *Staphylococcus aureus* (hVISA) and community-associated methicillin-resistant *Staphylococcus aureus* (CA-MRSA) in an academic hospital setting.

Erica E. Reed, Pharm.D.¹, Jessica E. West, M.S.P.H.¹, Michael J. Rybak, Pharm.D., M.P.H.², Kerri L. Rossi, B.S.², Celine Vidailiac, Pharm.D., Ph.D.², Joan-Miquel Balada-Llasat, Pharm.D., Ph.D., D(ABMM)¹, Preeti Pancholi, Ph.D., D(ABMM)¹, Debra A. Goff, Pharm.D.¹; (1)The Ohio State University Medical Center, Columbus, OH; (2)Anti-infective Research Laboratory, Wayne State University, Detroit, MI

143. Evaluating risk factors for the development of ESBL-producing infections in a Veterans Affairs Medical Center.

Ashley A. Willhoite, Pharm.D., Tamra Arnold, Pharm.D., BCPS, Chadi Hage, M.D., Patricia Garry, BSMT, ASCP; Roudebush Veterans Affairs Medical Center, Indianapolis, IN

144. Methicillin-resistant *Staphylococcus aureus* nasal colonization and correlation to methicillin-resistant *Staphylococcus aureus* pneumonia in the intensive care unit.

Renee M. Holder, Pharm.D.¹, Ann E. Canales, Pharm.D.¹, Gregory K. Perry, Pharm.D.², Young R. Lee, Pharm.D.¹, Jaclyn K. Priest, Pharm.D., Candidate¹, Jennifer L. Grelle, Pharm.D. Candidate¹; (1)Texas Tech University Health Sciences Center School of Pharmacy, Abilene, TX; (2)Hendrick Medical Center, Abilene, TX

145. Outcomes for culture-positive vs. culture-negative pneumonia patients: Data from the National Hospital Discharge Survey.

Russell T. Attridge, PharmD, BCPS, Christopher R. Frei, PharmD, MSc, BCPS; The University of Texas at Austin College of Pharmacy and The University of Texas Health Science Center at San Antonio, San Antonio, TX

146. Pneumococcal Vaccine CPOE Pathway for Preventing Re-vaccination of Patients with Multiple Admissions in a Community Hospital: Effective or not Effective?.

Amanda Lin, Pharm.D.¹, Denise E. Riccobono, Pharm.D., BCPS¹, Stacey Lutz, BA², Rajat Mukherji, M.D.², Henry Cohen, MS, Pharm.D., FCCM, BCPP, CGP¹; (1)Kingsbrook Jewish Medical Center & Arnold & Marie Schwartz College of Pharmacy and Health Sciences, Long Island University, Brooklyn, NY; (2)Kingsbrook Jewish Medical Center, Brooklyn, NY

Medication Safety

147. ON-Q PainBusters®: The Road to Compliance with the ISMP Recommendations for Safest Use.

Michaelia Dunn, PharmD, Natalie Gardner, PharmD, Tim Smith, RPh, MS, Rod Wirsching, PharmD, FASHP; Grant Medical Center, Columbus, OH

148. Development of trigger methodology for an adverse drug reaction surveillance program.

James P. New, PharmD, Jason C. Cooper, PharmD, Kelli L. Garrison, PharmD; Medical University of South Carolina, Charleston, SC

149. Pilot Project on the Development of a clinical prediction Model for major bleeding Complications in hospitalized Patients on Coumarin Therapy.

Anouk D. Lindemans, PharmD, Arnold G. Vulto, PhD, PharmD; Erasmus MC, hospital pharmacy, Netherlands

Psychiatry

161. Evaluation of Quetiapine Use in an Inpatient Urban Teaching Hospital.

*Tiffany Chen, Pharm.D.*¹, April Cope, Pharm.D.¹, Henry Cohen, MS, Pharm.D., FCCM, BCPP, CGP², Aaron Pinkhasov, MD³; (1)Kingsbrook Jewish Medical Center and Arnold & Marie Schwartz College of Pharmacy, Brooklyn, NY; (2)Arnold & Marie Schwartz College of Pharmacy and Health Sciences of Long Island University and Kingsbrook Jewish Medical Center, Brooklyn, NY; (3)Kingsbrook Jewish Medical Center, Brooklyn, NY

Rheumatology

162. Association between prior tumor necrosis factor inhibitor use and malignancy.

Michael A. Biddle Jr., Pharm.D., Brooke Pugmire, Pharm.D., Rex Force, PharmD; Departments of Family Medicine and Pharmacy Practice, Idaho State University, Pocatello, ID

STUDENT SUBMISSIONS

ADR/Drug Interactions

164. Risk of ischemic stroke associated with concomitant use of clopidogrel and proton pump inhibitors.

Lucas B. Stoller, Pharm.D., Candidate, Jingyang Fan, Pharm.D., BCPS; Southern Illinois University Edwardsville School of Pharmacy, Edwardsville, IL

165. Clinical and Economic Outcomes of Concurrent Use of Clopidogrel and Proton Pump Inhibitors.

*Kendra R. Manigault, PharmD, Candidate*¹, S. Scott Sutton, PharmD²; (1)South Carolina College of Pharmacy, Moncks Corner, SC; (2)South Carolina College of Pharmacy - USC Campus, Columbia, SC

Adult Medicine

166. Investigating the Association between Quality of Asthma Care and Socioeconomic Status among Adults Diagnosed with Asthma.

Barton N. Robbins, PharmD/MSCR, Candidate, Megan Ward, PharmD/MSCR Candidate, Brandon Jolley, PharmD/MSCR Candidate, Tina Tseng, PhD, MSPH, Melissa Johnson, PharmD, MHS, Melissa Holland, PharmD, MSCR; Campbell University School of Pharmacy, Raleigh, NC

Ambulatory Care

167. Pharmacist-physician co-management of hypertension reduces blood pressure throughout 24-hours.

Genesis S. Sezate, BS, Michael Ernst, PharmD, Cynthia Weber, Pharm.D., Barry Carter, Pharm.D.; College of Pharmacy, The University of Iowa, Iowa City, IA

168. Evaluation of exenatide in the management of diabetes.

Jennifer Berg, Pharm.D. Candidate, *Dana L. Chiulli, Pharm.D., Candidate*, Mariam Majidi, Pharm.D. Candidate, Amy M. Lugo, PharmD, BCPS, BC-ADM, Lilia Z Macias-Moriarity, Ph.D, MPH; South University School of Pharmacy, Savannah, GA

169. Doctor of pharmacy student implemented warfarin clinic database in a community health center.

*Amanda S. Thompson, PharmD, Candidate, 2010*¹, Tracy D. Mahvan, PharmD²; (1)University of Wyoming School of Pharmacy, Laramie, WY; (2)Salud Family Health Center/University of Wyoming, Longmont, CO

170. Medication discrepancies among older adults discharged from an acute care setting.

*Benjamin W. Wunderlich, PharmDCandidate*¹, J. Mark Ruscin, Pharm.D.²; (1)Southern Illinois University Edwardsville School of Pharmacy, Edwardsville, IL; (2)Southern Illinois University Edwardsville, School of Pharmacy, Edwardsville, IL

171. A proactive approach to identifying, monitoring, and providing bridge therapy to atrial fibrillation patients in an anticoagulation clinic.

Ted J. Turner, PharmD, Candidate, David B. Hwang, PharmD, Candidate, Matthew J. Milne, PharmD, Candidate, Jennifer A. Strohecker, PharmD., BCPS; University of Southern Nevada, College of Pharmacy, South Jordan, UT

Cardiovascular

172. The ezetimibe to colesevelam switch study.

*Brian Greenberg, M.D.Candidate*¹, Andrea N. Traina, Pharm.D.², Michael P. Kane, Pharm.D.², Robert S. Busch, M.D.³, Gary Bakst, M.D.³, Jill M. Abelseth, M.D.³; (1)Rosalind Franklin University of Medicine and Science,

North Chicago, IL; (2)Albany College of Pharmacy and Health Sciences, Albany, NY; (3)The Endocrine Group, LLP, Albany, NY

173. Clinical outcomes associated with varying degrees of thrombocytopenia in the cardiac surgery population. *Kathryn V. Kropp, PharmD, candidate*¹, Marcia L. Brackbill, Pharm.D.², Christine Sytsma, RN, MSN³; (1)Shenandoah University, Winchester, VA; (2)Shenandoah University, Bernard J. Dunn School of Pharmacy, Winchester, VA; (3)Winchester Medical Center, Winchester, VA

174. Incidence of initiation of nicotinic acid in patients on statin therapy at low-density lipoprotein goal admitted for acute myocardial infarction. *Jerrica E. Shuster, Pharm.D., candidate*, Sean M. Barclay, Pharm.D., BCPS, Ragini Bhakta, Pharm.D., BCPS, Meghan N. Jeffres, Pharm.D., BCPS; University of Southern Nevada, Henderson, NV

Clinical Administration

175. Characterization of non-steroidal anti-inflammatory drug (NSAID) administration from computerized physician order entry (CPOE) electronic order sets in post-gynecological surgery patients. *Kimberley A. Harris, PharmD, Candidate*, Julie Applegate, Pharm.D., BCPS; Mission Hospitals, Asheville, NC

Critical Care

176. Evaluating the effectiveness of electrolyte order sets in critical care patients. *Mikhail R. S. Arthur, Student, Pharmacist*¹, Marcia L. Brackbill, Pharm.D.¹, Jeffery W. Spray, Pharm.D., BCPS²; (1)Shenandoah University, Bernard J. Dunn School of Pharmacy, Winchester, VA; (2)Winchester Medical Center, Winchester, VA

177. Dexmedetomidine vs. propofol: sedation and secondary analgesia in the critically ill. *Liana N. Le, PharmD, Candidate*¹, NaaDede Badger, PharmD, BCPS², Vanthida Huang, Pharm.D., BSPHM¹, Don Wright, PharmD²; (1)Department of Pharmacy Practice, Mercer University College of Pharmacy and Health Sciences, Atlanta, GA; (2)Piedmont Hospital, Atlanta, GA

178. Impact of pravastatin therapy on outcomes in aneurysmal subarachnoid hemorrhage patients. *Abdulkhaliq J. Alsalman, M.S.*, Al M. Best, Ph.D., Saba W. Masho, M.D., M.P.H., Dr.PH., John F. Reavey-Cantwell, M.D., M.S., Donald F. Brophy, Pharm.D., M.S., FCCP, Gretchen M. Brophy, Pharm.D., FCCP; VCU Medical College of Virginia, Richmond, VA

Drug stability and formulation

179. Stability Testing and Formulation Development of Cardioplegic Solution. *Gagan Kaushal, Ph.D.*; University of Charleston, Charleston, WV

Education/Training

180. Clinical pharmacy practice project thesis. *Qamar Munawar, Pharm.D.*; Department of Pharmacy, University of Peshawar, Pakistan, Muharraq, Bahrain

181. A teaching method to enhance student preparation in therapeutics using case-based assignments. *Genesis S. Sezate, BS*, Erika J. Ernst, PharmD; College of Pharmacy, The University of Iowa, Iowa City, IA

182. Describing the Wingate University School of Pharmacy's American College of Clinical Pharmacy Student Chapter. *Melanie L. Siv, Pharm.D., Candidate*, Carolyn Steber, Pharm.D., Candidate, Bryan Love, Pharm.D., BCPS, Angie Veverka, Pharm.D.; Wingate University School of Pharmacy, Wingate, NC

183. Assessing the effectiveness of roundtable discussions to engender an atmosphere of inclusiveness among student members of the Northern California College of Clinical Pharmacy. *Maureen Shelley, PharmD, Candidate*¹, Christine Guirgius, Pharm.D. Candidate¹, Becky Chang, Pharm.D., Candidate¹, Nga Nguyen, Pharm.D. Candidate¹, Cecilia Pham, Pharm.D., Candidate¹, Josephine Quach, Pharm.D. Candidate¹, Tina H. Denetclaw, Pharm.D., BCPS²; (1)California Northstate College of Pharmacy, Rancho Cordova, CA; (2)University of California at San Francisco School of Pharmacy, Department of Clinical Pharmacy, San Francisco, CA

184. Evaluation of Communication Apprehension Among First Year and Final Year Pharmacy Undergraduates. *Ejaz. MA, M.Pharm*¹, Azmi S, Pharm, D¹, Tahir.M Khan, MS²; (1)University Sains Malaysia, Penang, Malaysia; (2)Island college of technology, Penang, Malaysia

185. Pharmacy residents' ability to evaluate medical literature and biostatistics. *Danielle L. Tice, PharmD, Candidate*, P. Brandon Bookstaver, PharmD, LeAnn B. Norris, PharmD, April D. Miller, PharmD, BCPS, S. Scott Sutton, PharmD; South Carolina College of Pharmacy - USC Campus, Columbia, SC

186. Use of VARK questionnaire to assess learning styles of pharmacy students and educators.

Travis Plumley, PharmD, Candidate, Kenneth Mueller, PharmD, Candidate, Sandra Earle, PharmD, Debra Parker, PharmD, Laura Perry, PharmD, Lori Ernsthause, PharmD; The University of Findlay College of Pharmacy, Findlay, OH

187. Effect of a pharmacy-directed educational intervention on Clostridium difficile infection treatment in the inpatient setting.

Laura A. Swanson, Pharm., D., candidate¹, Martha F. Healy, Pharm., D.²; (1)The University of Findlay, Findlay, OH; (2)St. John Westshore, Westlake, OH

Endocrinology

188. HEMOGLOBIN A1C: bio-marker for diabetes prediction?

Divyesh K. Raval, M.Pharm; SVKM'S NMIMS, Mumbai, India

Gastroenterology

189. Drug utilization review of pantoprazole at a large teaching hospital.

Stephen M. Creasy, Anticipate-PharmD; Shenandoah University, Jarrettsville, MD

Health Services Research

190. What characteristics of Comprehensive Physiotherapy attract patients with low back pain?—A qualitative study in Zhuhai, China.

Yan Zhang, Graduate, student; University of Macau, Taipa, Macau

191. Improving timeliness of first dose intravenous antibiotic administration through targeted staff education.

Lily Phuong, Pharm.D., Candidate¹, Monica Chan, Pharm.D. Candidate¹, Homa Mirzazadeh, PharmD, Candidate², Tina H. Denetclaw, Pharm.D., BCPS¹; (1)University of California at San Francisco School of Pharmacy, San Francisco, CA; (2)Touro University College of Pharmacy (Mare Island), Vallejo, CA

Hematology/Anticoagulation

192. Comparison of physician-directed warfarin dosing with a pharmacist-directed warfarin dosing service in patients on significant interacting medications.

John Dougherty, MBA, PharmD, BCPS¹, Scott King, PharmD², Nicolas T. Terranova, PharmD, Candidate³; (1)Heart of Florida Regional Medical Center, Davenport, FL; (2)Dr. P. Phillips Hospital, Orlando, FL; (3)University of Florida, Orlando, FL

193. Effect of delayed pharmacologic prophylaxis on venous thromboembolism (VTE) rates.

Elisa C. Morgan, PharmD, Candidate¹, Chad R. Morris, PharmD, Candidate², April D. Miller, PharmD, BCPS¹, Robert R. Moran, PhD³; (1)South Carolina College of Pharmacy-USC Campus, Columbia, SC; (2)South Carolina College of Pharmacy- USC Campus, Columbia, SC; (3)Health Sciences Research Core - University of South Carolina, Columbia, SC

HIV/AIDS

194. AIDS Drug Assistance Program (ADAP) enrollment and use of highly active antiretroviral therapy (HAART) in a cohort of HAART-eligible women.

Thomas H. Yi, PharmD, Candidate¹, Nancy Hessel, MSPH¹, Jennifer Cocohoba, PharmD¹, Kathryn Anastos, MD², Mardge Cohen, MD³, Jack DeHovitz, MD, MPH⁴, Naoko Kono, MPH⁵, David B. Hanna, MS⁶; (1)University of California, San Francisco, San Francisco, CA; (2)Albert Einstein College of Medicine, New York, NY; (3)Stroger Hospital and Rush Medical College, Chicago, IL; (4)SUNY Downstate Medical Center, New York, NY; (5)University of Southern California Medical Center, Los Angeles, CA; (6)Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

195. An evaluation of published international antiretroviral reports in African resource-limited settings from 2000-2008.

Christine U. Oramasionwu, PharmD, MS, BCPS, PhD, Student¹, Jonathan M. Hunter, MA², Christopher R. Frei, PharmD, MS, BCPS¹, Alice K. Pau, Pau³; (1)The University of Texas at Austin and The University of Texas Health Science Center San Antonio, San Antonio, TX; (2)The University of Texas Health Science Center San Antonio, San Antonio, TX; (3)National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD

Infectious Diseases

196. Evaluate the relationship between vancomycin MICs and treatment failure in patients with bacteremic Methicillin-Resistant Staphylococcus aureus.

Lida M. Valentine, Pharm.D., Candidate¹, Vanthida Huang, Pharm.D., BSPHM¹, NaaDede Badger, PharmD, BCPS², Todd Parker, PharmD²; (1)Department of Pharmacy Practice, Mercer University College of Pharmacy and Health Sciences, Atlanta, GA; (2)Piedmont Hospital, Atlanta, GA

197. Assessing adherence to the Infectious Disease Society of America and the American Thoracic Society (IDSA/ATS) guidelines for empiric treatment of pneumonia: a medication use evaluation (MUE).

Parag Kumar, Pharm.D., candidate, Virginia Fleming, Pharm.D., Brian Buck, Pharm.D., Robin Southwood, Pharm.D., BCPS; University of Georgia, Athens, GA

198. Does de-escalation from an echinocandin to fluconazole result in inferior outcomes when used as empirical treatment of *Candida albicans*?

Teresa Pounds, PharmD, BCNSP¹, Phillip S. Owen, PharmD, BCPS², Pamela M. Moye, PharmD, BCPS², Joyce Melton, MD¹, *Charles Cordaro, Student*²; (1)Atlanta Medical Center, Atlanta, GA; (2)Mercer University College of Pharmacy and Health Sciences, Atlanta, GA

199. Investigating the Emergence of Multidrug Resistant *Proteus mirabilis*.

*John M. Marbach III, Pharm.D., Candidate*¹, Donna R. Burgess, R.Ph.², Debra A. Garza, R.Ph., MBA², Charles J. Lerner, MD, FSHEA³, David S. Burgess, Pharm.D., FCCP⁴; (1)University of the Incarnate Word Feik School of Pharmacy, San Antonio, TX; (2)Methodist Hospital, Department of Pharmacy, San Antonio, TX; (3)Methodist Healthcare System, San Antonio, TX; (4)University of Texas at Austin College of Pharmacy and University of Texas Health Science Center School of Medicine, San Antonio, TX

200. The rise in hospitalizations for community-associated methicillin-resistant *Staphylococcus aureus* (CA-MRSA) skin and soft tissue infections across the U.S., 1996-2006.

*Christine U. Oramasionwu, PharmD, MS, BCPS, PhD, Student*¹, Sumalee Thitinan, PhD, Student², Kenneth A. Lawson, PhD², Kelly R. Daniels, Pharm.D., Candidate¹, Christopher R. Frei, PharmD, MS, BCPS¹; (1)The University of Texas at Austin and The University of Texas Health Science Center San Antonio, San Antonio, TX; (2)The University of Texas at Austin, Austin, TX

201. High-dose daptomycin use in suspected meningitis secondary to methicillin-sensitive *Staphylococcus aureus*.

*M. Shawn Riser, Pharm.D., Candidate*¹, Christopher M. Bland, Pharm.D., BCPS², P. Brandon Bookstaver, Pharm.D., BCPS (AQ-ID), AAHIVE¹, Celeste N. Rudisill, Pharm.D.¹; (1)South Carolina College of Pharmacy-USC Campus, Columbia, SC; (2)Dwight D. Eisenhower Army Medical Center, Fort Gordon, GA

Medication Safety

202. An evaluation of prescription medication recalls from 2004-2008 in the United States.

Mary G. Daniel, BS, Jaime P. Gilligan, PharmD, Tina Tseng, PhD, MSPH, Melissa Holland, PharmD, MSCR, Melissa D. Johnson, PharmD, MHS; Campbell University, Morrisville, NC

Oncology

203. Alternative use of plerixafor as a rescue for failed chemo-mobilization in two patients with multiple myeloma.

*Geralyn E. Waters, PharmD, Candidate, 2010*¹, Michael Steinberg, PharmD, BCOP¹, Rajneesh Nath, MD²; (1)Massachusetts College of Pharmacy & Health Sciences, Worcester, MA; (2)UMass Memorial Medical Center, Worcester, MA

Pain Management/Analgesia

204. Pharmacotherapeutic treatment of anxiety disorders: Investigating the correlation between GAD-7, PHQ-9, and brief pain inventory scores.

*Andrea L. Leone, Pharm.D., Candidate*¹, Timothy J. Ives, PharmD, MPH, BCPS, FCCP, CPP², Susan J. Blalock, Ph.D.²; (1)University of North Carolina Eshelman School of Pharmacy, Asheville, NC; (2)University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC

Pediatrics

205. Retrospective analysis of continuous intravenous insulin infusion for hyperglycemia in patients without diabetes in a pediatric intensive care unit.

Danielle R. Baskin, Pharm.D., candidate, A. Jill Thompson, Pharm.D., BCPS; Medical University of South Carolina Medical Center and South Carolina College of Pharmacy, Charleston, SC

206. Oral ammonium chloride for the treatment of metabolic alkalosis in three pediatric patients.

Jennie T. Mathew, Pharm.D. Candidate, Laura L. Bio, Pharm.D., BCPS; Cooper University Hospital, Camden, NJ

Pharmaceutical Marketing

207. PhRMA guiding principle amendments effects on direct-to-consumer advertising of prescription and over-the-counter pharmaceuticals.

*Stormy L. O'Bryant, PharmD, Candidate*¹, Heather P. Whitley, PharmD, BCPS, CDE²; (1)Auburn University, Harrison School of Pharmacy, Cottondale, AL; (2)Auburn University, Harrison School of Pharmacy, Tuscaloosa, AL

Pharmacoepidemiology

208. Retrospective, cross-sectional evaluation of the changing use of antibiotics for upper respiratory tract infections in ambulatory practice in the United States between 2002 and 2006.

*Jamie L. Nelson, PharmD, MSCR, Candidate*¹, Ginger D. Watlington, PharmD, MSCR, Candidate², Tina Tseng, PhD, MSPH¹, Melissa D Johnson, PharmD, MHS¹, Melissa Holland, PharmD, MSCR¹; (1)Campbell

University, Raleigh, NC; (2)Campbell University, Morrisville, NC

Pharmacogenomics/Pharmacogenetics

209. Aldosterone escape in heart failure and atrial natriuretic peptide precursor A (NPPA) genotype. *Yana Blekhman, Pharm.D., candidate*, Shitalben R. Patel, M.S., Vicki L. Groo, Pharm.D., Thomas D. Stamos, M.D., Larisa H. Cavallari, Pharm.D.; University of Illinois at Chicago, Chicago, IL

210. CALU and GGCX genotype associations with warfarin dose requirements in African Americans. *Gelson Taube, Pharm.D., candidate*, Nancy L. Shapiro, Pharm.D., Edith A. Nutescu, Pharm.D., Shitalben R. Patel, M.S., Marlos A. Viana, Ph.D., Larisa H. Cavallari, Pharm.D.; University of Illinois at Chicago, Chicago, IL

Pharmacokinetics/Pharmacodynamics

211. Stability of famotidine injection in polypropylene syringes at three different temperatures. *Million Y. Woldemariam, Pharm, D, candidate*¹, Terrence Prettyman, Rph², Brian Sayre, Pharm D², Gagan Kaushal, PhD¹; (1)University of Charleston School of Pharmacy, Charleston, WV; (2)CAMC Solutions, Charleston, WV

212. Evaluating the effect of population based volume of distribution and estimated glomerular filtration rate models on elimination rate constant (Ke) in predicting serum vancomycin concentrations. *William M. Parker, Pharm.D.Candidate*, S. Scott Sutton, Pharm.D., P. Brandon Bookstaver, Pharm.D.; South Carolina College of Pharmacy, Columbia, SC

213. Pharmacokinetic analysis of tobramycin in cystic fibrosis patients in an academic medical center to determine the feasibility of once daily dosing. *Rashi Chandra, Pharm.D., candidate*, Clark Lee, Pharm.D. candidate, Kalen B. Porter, Pharm.D., BCPS, AE-C; University of Georgia College of Pharmacy, Augusta, GA

Transplant/Immunology

214. The effects of Thymoglobulin as induction therapy post liver, kidney and simultaneous liver/kidney transplantation. *Matthew Kalisieski, Pharm.D., Candidate, 2011*¹, Iman Bajjoka, Pharm.D.¹, Yun Wang, MS², Marwan Abouljoud, M.D.¹; (1)Henry Ford Health System, Detroit, MI; (2)Eugene Applebaum College of Pharmacy and Health Sciences, Detroit, MI

Urology

215. A Study on Effectiveness of Current Treatments in IC Patients.

Anita A. Mehta, PhD; L.M. College of Pharmacy, Ahmedabad, India

216. Treatment of Interstitial Cystitis- Long Term Results. *Sanjay A. Parmar, M.S.(Pharm.)*¹, Palak Panchal, M.Pharm¹, Nagendra Mishra, M.S., D., N., B.(URO)², Anita A. Mehta, Ph., D.¹; (1)L.M. College of Pharmacy, Ahmedabad, India; (2)Kindney & Urology Hospital, Ahmedabad, India

Women's Health

217. Impact of emergency contraception status on unintended pregnancy: observational data from a pharmacy practice.

Cherri Houston, Pharm.D., candidate, Nalin Payakachat, Ph.D., Denise Ragland, Pharm.D.; University of Arkansas for Medical Sciences College of Pharmacy, Little Rock, AR