Scientific Poster Presentations, III and Lunch

Monday, October 19
Golden Gates 2-8
11:30 a.m.–1:15 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 before the 2015 Global Conference.

AWARDS COMPETITION
Finalists for the Best Student Poster, Best Resident and Fellow Poster, and Best Paper awards will be designated by a ribbon pinned to select posters. The awards for the Best Student Poster, Best Resident and Fellow Poster, and Best Paper will be presented during the Closing Ceremony and International Awards Presentations beginning at 11:30 a.m. on Wednesday, October 21, in Continental Ballroom 5.

ORIGINAL RESEARCH
These papers describe hypothesis-driven research findings in basic, clinical, translational, dissemination/implementation, or educational research.

Ambulatory Care
9. Burden of Out-of-Pocket Medication Cost in a Primary Care Setting and Development of a Clinical Service to Assist Patients with Accessing Medications.
Robyn Teply, PharmD¹, Thomas Guck, PhD², Mark Goodman, MD², Andrew Meyer, PharmD Candidate³; (1)Department of Pharmacy Practice, Creighton University School of Pharmacy and Health Professions, Omaha, NE; (2)Department of Family Medicine, Creighton University; (3)Creighton University School of Pharmacy & Health Professions

10. Evaluation of a collaborative care model with pharmacist-led medication reviews for adults on haemodialysis.
Ms. Xinyi Ashlyn Gwee, B.Sc(Pharm)(Hons)¹, Mr. Hua Heng Movin Cheen, B.Sc(Pharm)(Hons)¹, Ms. Mee Yin Melissa Chow, Bachelor of Pharmacy¹, Dr. Giat Yeng Khee, PharmD, B.Sc, (Pharm) (Hons)¹, Ms. Yu Ling Cheryl Lim, B.Sc(Pharm)(Hons)¹, Mr. Choon Nam Wan, B.Sc in Pharmacy¹, Mr. Wei Terk Chang, MClinPharm, B.Pharm (Hons)¹, Dr. Hui Lin Lina Choong, MBBS, M Med (Int Med), FAMS², Dr. Paik Shia LIM, PharmD, B.Sc. (Pharm) (Hons)¹; (1)Department of Pharmacy, Singapore General Hospital, Singapore, Singapore; (2)Department of Renal Medicine, Singapore General Hospital, Singapore, Singapore

12. Predictors of metformin prescribing in adult type II diabetes mellitus patients: a national cross sectional study.
Mate Soric, Pharm.D., BCPS¹, Jaclyn Boyle, M.S., Pharm.D., BCPS², John Moorman, Pharm.D., BCPS³; (1)Department of Pharmacy Practice, Northeast Ohio Medical University and University Hospitals Geauga Medical Center, Rootstown, OH; (2)Department of Pharmacy Practice, Northeast Ohio Medical University, Rootstown, OH; (3)Department of Pharmacy Practice, Northeast Ohio Medical University and Akron General Medical Center, Rootstown, OH

Cardiovascular
13. Vitamin D3 Repletion Improves Heart Failure Patient Quality of Life and Neurohormonal Indices.
Dr. Vincent Colucci, Pharm.D., Ms. Heidi Moretti, MS, RD, Dr. Bradley Berry, MD; International Heart Institute of Montana, International Heart Institute of Montana/Providence St. Patrick Hospital, Missoula, MT

Critical Care
Susan Cho, Pharm.D.¹; Kim Tran, Pharm.D., BCPS², Gina Korab, Pharm.D., BCPS², James Bales, M.D., Ph.D.², Nita Khandelwal, M.D.², Aaron Joffe, D.O.²; (1)University of Washington Medical Center, Seattle, WA; (2)Harborview Medical Center, Seattle, WA
Education/Training

36. Impact of research mentors' publication record on resident research publication.  
**Dr. Scott Vouri, PharmD, BCPS, CGP¹, Paul Stranges, PharmD, BCPS, BCACP²; (1)Depart of Pharmacy Practice, St. Louis College of Pharmacy, St. Louis, MO; (2)University of Illinois at Chicago**

37. The impact of resident research publication on early-career publication success.  
**Paul Stranges, PharmD, BCPS, BCACP¹, Dr. Scott Vouri, PharmD, BCPS, CGP²; (1)University of Illinois at Chicago; (2)Depart of Pharmacy Practice, St. Louis College of Pharmacy, St. Louis, MO**

41. Assessment of burnout among pharmacy practice faculty.  
**Shareen El-Ibiary, Pharm.D., FCCP, BCPS¹, Lily Yam, Pharm.D. Candidate 2015², Dr. Kelly Lee, Pharm.D., MAS, BCPP, FCCP³; (1)Pharmacy Practice, Midwestern University College of Pharmacy-Glendale, Glendale, AZ; (2)Midwestern University College of Pharmacy-Glendale, Glendale, AZ; (3)Skaggs School of Pharmacy and Pharmaceutical Sciences, University of California San Diego, La Jolla, CA**

Endocrinology

53E. Incidence of genital mycotic infections decreases over time in older patients with type 2 diabetes mellitus treated with canagliflozin.  
**Dr. Michael Davies, PhD¹, Dr. Pamela Kushner, MD², Dr. Ujjwala Vijapurkar, PhD³, Dr. Gary Meininger, MD³; (1)Diabetes - Medical Affairs, Janssen Scientific Affairs, LLC., Raritan, NJ; (2)University of California, Irvine Medical Center; (3)Janssen Research & Development, LLC**

Gastroenterology

56. Impact of Vitamin K Administration on INR Changes and Bleeding Events Among Patients with Cirrhosis.  
**Eli N. Deal, Pharm.D., BCPS¹, Melissa Green, Pharm.D. Candidate², Heather Pautler, Pharm.D., BCPS¹, Adam Meyer, M.D.³, Kevin Korenblat, M.D.⁴, Mark Thoelke, M.D.³; (1)Department of Pharmacy, Barnes-Jewish Hospital; (2)St. Louis College of Pharmacy, St. Louis, MO; (3)Division of Hospital Medicine, Washington University in St. Louis School of Medicine; (4)Division of Gastroenterology, Washington University in St. Louis School of Medicine**

Health Services Research

60. Impact of Pharmacist-involved Collaborative Care Model on Metabolic Control and Psychological Health of Patients with Uncontrolled Type 2 Diabetes: A Prospective, Multicenter, Randomized, Controlled Study.  
**Melanie Siaw, BSc(Pharmacy), Porlin Ng, BSc(Pharmacy), Joyce Lee, PharmD, BCPS, BCACP; Department of Pharmacy, Faculty of Science, National University of Singapore, Singapore**

HIV/AIDS

69E. Tenofovir Alafenamide (TAF) in a Single Tablet Regimen in Initial HIV-1 Therapy.  
**Jason Flamm, MD¹, David A. Wohl, M.D.², Anton Pozniak, MD³, Melanie Thompson, MD⁴, Edwin DeJesus, MD⁵, Daniel Podzamczer, MD⁶, Christian Callebaut, PhD⁷, Hal Martin, MD, PhD⁷, Jean Lee, PharmD⁷, Scott McCallister, MD⁸; (1)Kaiser Permanente, Sacramento, CA; (2)University of NC at Chapel Hill School of Medicine, Division of Infectious Disease, Chapel Hill, NC; (3)Chelsea and Westminster Hospital, London, United Kingdom; (4)AIDS Research Consortium of Atlanta, Atlanta, GA; (5)Orlando Immunology Center, Orlando, FL; (6)Hospital Universitario de Bellvitge, Barcelona, Spain; (7)Gilead Sciences, Foster City, CA; (8)Clinical Research, Gilead Sciences, Inc., Foster City, CA**

70E. Safety of Tenofovir Alafenamide in Renal Impairment.  
**Kenneth Lichtenstein, MD⁴, Brad Hare, MD², Anton Pozniak, MD³, Jose Arribas, MD⁴, Samir Gupta, MD⁵, Frank Post, MD⁶, Gordon Crofoot, MD⁷, Moti Ramgopal, MD⁸, Jean Lee, PharmD⁷, Marshall Fordyce, MD¹⁰; (1)National Jewish Health, Denver, CO; (2)Kaiser Permanente, San Francisco, CA; (3)Chelsea and Westminster Hospital, London, United Kingdom; (4)Hospital La Paz, Madrid, Spain; (5)Indiana University School of Medicine, Indianapolis, IN; (6)King's College Hospital NHS Foundation Trust, London, United Kingdom; (7)Crofoot Research, Houston, TX; (8)Midway Research Center, Fort Pierce, FL; (9)Gilead Sciences, Foster City, CA; (10)Clinical Research, Gilead Sciences, Inc., Foster City, CA**

71E. Renal and Bone Safety of Tenofovir Alafenamide vs Tenofovir Disoproxil Fumarate.
72E. Integrated Analysis of Emergent Drug Resistance through 48 Weeks from Clinical Studies of HIV-1 Treatment-Naive Subjects Receiving Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Alafenamide. Christian Callebaut, PhD1, Nicolas A. Margot, BS, MA1, Kathryn M. Kitrinos, PhD1, Marshall W. Fordyce, MD2, Scott McCallister, MD2, Michael D. Miller, PhD1; (1)Clinical Virology, Gilead Sciences, Inc., Foster City, CA; (2)Clinical Research, Gilead Sciences, Inc., Foster City, CA

75E. Levonorgestrel implant + efavirenz-based antiretroviral therapy: Unintended pregnancies and associated pharmacokinetic data. Dr. Kimberly K. Scarsi, PharmD, MSc1, Dr. Kristin M. Darin, PharmD2, Dr. Shadia Nakalema, MBChB3, Prof. David J. Back, PhD4, Dr. Pauline Byakika-Kibwika, MBChB, PhD3, Dr. Laura Else, PhD4, Mr. Sujan Dilly Penchala, BSc4, Prof. Susan E. Cohn, MD, MPH5, Dr. Concepta Merry, MD, PhD3, Dr. Mohammed Lamorde, MBChB, PhD3; (1)Department of Pharmacy Practice, University of Nebraska Medical Center, Omaha, NE; (2)Division of Infectious Diseases and Center for Global Health, Northwestern University Feinberg School of Medicine, Chicago, IL; (3)Infectious Diseases Institute, Makerere University, Kampala, Uganda; (4)Department of Molecular and Clinical Pharmacology, University of Liverpool, Liverpool, United Kingdom; (5)Division of Infectious Diseases, Northwestern University Feinberg School of Medicine, Chicago, IL

Neurology

96E. Correlation between Unified Parkinson's Disease Rating Scale and Global Impression of Change Scales. Jack J. Chen, PharmD1, Khashayar Dashtipour, MD, PhD2, Pejman Dalaie, MD2, Karen Frei, MD3, Kayvan Kani, MD, MPH2, Camellia Kani, MD, MAS2; (1)College of Pharmacy, Marshall B. Kethcum University, Fullerton, CA; (2)Loma Linda University, Loma Linda, CA; (3)Loma Linda University, Loma Linda, CA

100. Intravenous versus Oral Acetaminophen for Pain Control in Neurocritical Care Patients. Dan Nichols, PharmD Candidate 20161, Pramit Nadpara, PhD1, Perry Taylor, PharmD2, Gretchen Brophy, PharmD, BCPS, FCCP, FCCM, FNCS1; (1)Virginia Commonwealth University School of Pharmacy, Richmond, VA; (2)Virginia Commonwealth University Health System, Richmond, VA

Oncology

104E. Efficacy and safety from RE COURSE: a multicenter, randomized, double-blind, phase 3 study of TAS-102 versus placebo with best supportive care in patients with metastatic colorectal cancer refractory to standard therapies. Mr. Thomas Ferenz, R.Ph., BCOP1, Dr. Howard Hochster, MD1, Dr. Alfredo Falcone, MD2, Dr. Takayuki Yoshino, MD3, Dr. Rocio Garcia-Carbonero, MD, PhD4, Dr. Nobuyuki Mizunuma, MD5, Dr. Kentaro Yamazaki, MD6, Dr. Yasuhiro Shimada, MD7, Dr. Guillem Argiles, MD8, Dr. Yoshito Komatsu, MD9, Dr. Alberto Sobrero, MD10, Dr. Eveline Boucher, MD11, Dr. Marc Peeters, MD, PhD12, Dr. Eric Van Cutsem, MD, PhD13, Dr. Alberto Zaniboni, MD14, Dr. Ben Tran, MBBS, FRACP15, Dr. Mona Wahba, MD16, Ms. Gihan Atalla, R.Ph16, Dr. Heinz-Josef Lenz, MD, FACP17, Dr. Atsushi Ohtsu, MD, PhD5, Dr. Robert J. Mayer, MD18; (1)Yale Cancer Center, New Haven, CT; (2)University of Pisa, Pisa, Italy; (3)National Cancer Center Hospital East, Kashiwa-city, Japan; (4)Hospital Universitario Virgen del Rocío, Sevilla, Spain; (5)The Cancer Institute Hospital of Japanese Foundation for Cancer Research, Koto-ku, Japan; (6)Shizuoka Cancer Center Hospital, Suntou-gun, Japan; (7)National Cancer Center Hospital, Chuo-ku, Japan; (8)Vall d’Hebron University Hospital, Barcelona, Spain; (9)Hokkaido University Hospital, Sapporo, Japan; (10)RCCS Ospedale San Martino IST, Genova, Italy; (11)Centre Eugene Maquis, Rennes cedex, France; (12)Antwerp University Hospital, Belgium; (13)Leuven Cancer Institute, UZ Leuven, Leuven, Belgium; (14)Fondazione Poliambulanza, Brescia, Italy; (15)The Royal Melbourne Hospital, Victoria, Australia; (16)Taiho Oncology, Inc., Princeton, NJ; (17)USC Norris Comprehensive Cancer Center, Los Angeles, CA; (18)Dana-Farber Cancer Institute, Boston, MA
Pain Management/Analgesia

112. Methadone and QTc Prolongation in Pain and Palliative Care Patients: A Case Control Study. Katherine Juba, PharmD1, Tina Khadem, PharmD2, David Hutchinson, PharmD1, Dr. Jack Brown, PharmD, MS, BPS1; (1)Department of Pharmacy Practice, Wegmans School of Pharmacy, St. John Fisher College, Rochester, NY; (2)Department of Pharmacy, University of Rochester Medical Center - Highland Hospital, Rochester, NY

113. Study on the Role of Genetics in Response Variations in Pain Patients Taking Hydrocodone. Dr. Tobore Onojighofia, MD, MPH1, Dr. Bilikis Akindele, MD2, Ms. Natasha Anand, MS, BA1, Dr. Dan Schwarz, MD1, John Hubbard, PT1; (1)Proove Biosciences, Irvine, CA; (2)Proove Biosciences, Columbia, MD

114. Genetics and Drug Response: Study on the Influence of Genetics in Individual Variations in Response to Oxycodeone Use. Dr. Bilikis Akindele, MD1, Dr. Tobore Onojighofia, MD, MPH2, Ms. Natasha Anand, MS, BA2, Dr. Dan Schwarz, MD2, John Hubbard, PT2; (1)Proove Biosciences, Columbia, MD; (2)Proove Biosciences, Irvine, CA

Pharmacogenomics/Pharmacogenetics

130E. Fewer Cardiovascular Events after Percutaneous Coronary Intervention with Genotype-Guided Antiplatelet Therapy: Results from the UF Health Personalized Medicine Program. Larisa H. Cavallari, Pharm.D.1, Oyunbileg Magvanjav, MD/PhD student2, David Anderson, MD3, Aniwa Owusu Obeng, PharmD2, Ben Kong, PharmD2, Teresa Vo, PharmD3, Jennifer Ashton, PharmD3, Benjamin Staley, PharmD, BCPS3, Amanda Elsey, MHA6, Rhonda Cooper-DeHoff, PharmD, MS, FAHA, FCCP7, Kristin Weitzel, Pharm.D., CDE, FAPhA8, David R. Nelson, MD10, Julie Johnson, Pharm.D., BCPS, FCCP, FAHA; (1)Department of Pharmacotherapy and Translational Research, University of Florida, Gainesville, FL; (2)University of Florida, Gainesville, FL; (3)Division of Cardiovascular Medicine, University of Florida, Gainesville, FL; (4)University of Florida Health Shands Hospital, Gainesville, FL; (5)Department of Pharmacotherapy and Translational Research, University of Florida, Gainesville, FL; (6)Department of Pharmacotherapy and Translational Research; Division of Cardiovascular Medicine; Center for Pharmacogenomics, University of Florida, Gainesville, FL; (7)Department of Pharmacotherapy and Translational Research; Center for Pharmacogenomics, University of Florida, Gainesville, FL; (8)Division of Endocrinology, Diabetes, and Metabolism; Center for Immunology and Transplantation, University of Florida; (9)Division of Gastroenterology, Hepatology & Nutrition, University of Florida; (10)UF Health Personalized Medicine Program; Department of Pharmacotherapy and Translational Research, Center for Pharmacogenomics; University of Florida, Gainesville, FL

132. Influence of UDP-glucuronosyltransferase polymorphisms on warfarin dosing requirement. Ms. Sook Hee An, Ph. D.1, Ms. Kyung Eun Lee, Pharm.D.2, Mr. Byung Chul Chang, Ph.D., M.D.3, Hyesun Gwak, Ph.D., Pharm.D.4; (1)College of pharmacy, Wonkwang university, Iksan, South Korea; (2)College of Pharmacy, Chungbuk National University, Cheongju, South Korea; (3)Department of Thoracic & Cardiovascular Surgery, Yonsei University Medical Center, Seoul, South Korea; (4)College of Pharmacy & Division of Life and Pharmaceutical Sciences, Ewha Womans University, Seoul, South Korea

133. Genetics and Drug Response: Study on the Role of Genetics in Individual Variations in Response to Tramadol use. Dr. Tobore Onojighofia, MD, MPH1, Dr. Bilikis Akindele, MD2, Dr. Dan Schwarz, MD1, Ms. Natasha Anand, MS, BA1, John Hubbard, PT1, Brian Meshkin, BA1; (1)Proove Biosciences, Irvine, CA; (2)Proove Biosciences, Columbia, MD

Psychiatry

143E. Adjunctive brexpiprazole (OPC-34712) in patients with major depressive disorder and irritability: an exploratory study. François Menard, MD1, Fava Maurizio, MD2, Charlotte Kampp Davidsen, MS1, Anna Eramo, MD3, Ross A Baker, PhD, MBA1; (1)H. Lundbeck A/S, Denmark; (2)Massachusetts General Hospital, Boston, MA; (3)Lundbeck LLC, Deerfield, IL; (4)Otsuka Pharmaceutical Development & Commercialization, Inc., Princeton, NJ

144E. Deltoid injection of aripiprazole once-monthly in the treatment of schizophrenia. Dr. Timothy Peters-Strickland, MD1, Dr. Arash Raoufinia, PharmD2, Dr. Anna-Greta Nylander, PhD, MBA3, Ross A Baker, PhD, MBA1, Anna Eramo, MD4, Na Jin, MS2, Dr. Robert D McQuade, PhD1, Dr. Peter Hertel, PhD3, Dr. Frank Larsen, PhD3; (1)Otsuka Pharmaceutical Development & Commercialization, Inc., Princeton, NJ; (2)Otsuka
Substance Abuse/Toxicology

Stephanie Nichols, Pharm.D., BCPS, BCPP1, Kenneth McCall, Pharm.D.,2 Leslie Ochs, Pharm.D., PhD, MSPH, BCPS2, Christina Holt, MD, MSc, MA3, Gary Cattabriga, BS4; (1)Department of Pharmacy Practice, Husson University, School of Pharmacy, Bangor, ME; (2)Department of Pharmacy Practice, College of Pharmacy, University of New England, Portland, ME; (3)Department of Family Medicine, Maine Medical Center, Portland, ME; (4)Center for Community and Public Health, University of New England, Portland, ME

CLINICAL PHARMACY FORUM

Adult Medicine

156. Asthma management in the primary care setting: Is a pharmacy student conducted telephone outreach program successful in completing annual asthma evaluation and management documentation in an urban academic medical center?.
Rebecca Stone, PharmD1, Anthony Sterlinski, PharmD Candidate2, Nicole Guska, PharmD Candidate2, Margaret Allison, PharmD Candidate2, Jenna Boznos, PharmD Candidate2, Clare Kane, PharmD Candidate2, Lori Wilken, PharmD1, Christine Rash, PharmD1, Brianna Goen, Pharm.D. Candidate2; (1)College of Pharmacy, Department of Pharmacy Practice, University of Illinois at Chicago, Chicago, IL; (2)University of Illinois at Chicago; (3)University of Illinois at Chicago, Chicago, IL

Ambulatory Care

157. Transition from a grant-funded clinical pharmacy program into an innovative, sustainable, value-based model in a Federally Qualified Health Center.
Jeff Freund, PharmD1, Emily Kosirog, PharmD1, Joseph Vande Griend, PharmD1, Gina Moore, PharmD, MBA1, Tillman Farley, MD2, Joseph Saseen, Pharm.D.3; (1)University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora, CO; (2)Salud Family Health Centers, Fort Lupton, CO; (3)Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora, CO

Cardiovascular

Mena Raouf, PharmD Candidate1, Christopher Wilming, PharmD Candidate1, Taylor Kelsey, PharmD Candidate1, Carol LaFleur, BS2, Katherine Cabral, PharmD1, Amy Barton Pai, PharmD3; (1)Albany College of Pharmacy and Health Sciences; (2)North East Kidney Foundation; (3)Albany College of Pharmacy and Health Sciences/ NY State CKD Coalition

Community Pharmacy Practice

171. Development of an Innovative Technology-Driven Transitions of Care Service to Improve Medication Use in Rural Populations.
Caitlin K. Frail, PharmD, MS, BCACP1, Oscar W. Garza, PhD, MBA1, Alison L. Huet, PharmD2; (1)Pharmaceutical Care and Health Systems, University of Minnesota College of Pharmacy, Minneapolis, MN; (2)Jackson Pharmacy & Wellness Center, Jackson Center, OH

172. Education of resettled refugees on utilization of US community pharmacy systems.
Hyun-Su Kim, PharmD, MA1, Ben Michaels, PharmD2, Grace Kilbane, PharmD3, Jennifer Rodis, PharmD, BCPS, FAPhA1; (1)College of Pharmacy, The Ohio State University, Columbus, OH; (2)Pharmacy Dept., The Kroger Co., Columbus, OH; (3)Pharmacy Dept., Walgreens Co., Mansfield, OH
Emergency Medicine

178. Evolution of Emergency Medicine Clinical Pharmacists' Adult and Pediatric Consultations at a University Teaching Hospital over 5 years.
Dr. Abby Bailey, PharmD1, Dr. Stephanie Baker Justice, PharmD2, Dr. Regan Baum, PharmD1, Dr. Kyle Weant, PharmD3; (1)Department of Pharmacy Services, University of Kentucky HealthCare, Lexington, KY; (2)Department of Pharmacy, Charleston Area Medical Center, Charleston, WV; (3)Department of Pharmacy, KentuckyOne Health, University of Louisville and Jewish Hospitals, Louisville, KY

179. Patient versus pharmacist initiated follow-up for treatment of sexually transmitted diseases identified during emergency department visits.
Eric Gilliam, PharmD1, Dr. Kevin Kaucher, PharmD2; (1)Skaggs School of Pharmacy and Pharmaceutical C238, University of Colorado, Aurora, CO; (2)Department of Pharmacy and Emergency Medicine, Denver Health Medical Center, Denver, CO

Endocrinology

180. Validation of the Diabetes Treatment Satisfaction Questionnaire in Arabic for Qatar.
Dr. Kerry Wilbur, BScPharm, PharmD, MScPH, FCSHP1, Dr. Abdulla Al Hamaq, MPH, PhD2; (1)QU College of Pharmacy, Qatar University College of Pharmacy, Doha, Qatar; (2)Qatar Diabetes Association, International Diabetes Federation Middle East North Africa, Doha, Qatar

Other

197. Multidisciplinary approach to reduce blood utilization with the use of tranexamic acid (TXA) in orthopedic procedures.
Dr. Agnieszka Pasternak, Pharm.D., MBA, CNSC, BCPS1, Dr. Robert Berger, PharmD, MBA, BCPS2, Dr. James Gurtowski, MD2, Dr. Adam Bitterman, DO2, Mrs. Robin Wise, MBA, MLS (ASCP)2; (1)Department of Pharmacy, Huntington Hospital, Huntington, NY; (2)Huntington Hospital/North Shore-LIJ HS, Huntington, NY

198. Clinical pharmacist interventions as a member of palliative medicine interdisciplinary team in a community hospital setting.
Dr. Dharma Naidu, PharmD1, Dr. Kimberly Jones, PharmD1, Mr. David Kanyer, BSPharm1, Dr. John Hausdorff, MD2; (1)Department of Pharmacy, Community Hospital of the Monterey Peninsula, Monterey, CA; (2)Palliative Medicine Service, Community Hospital of the Monterey Peninsula

Amy Bachyrycz, PharmD1, Shikar Shrestha, BSPharm1, Dhara Shah, PharmD Candidate1, Dale Tinker, BA2, Ludmila Bakhireva, MD, MPH, PhD1; (1)Department of Pharmacy Practice and Administrative Sciences, College of Pharmacy, University of New Mexico, Albuquerque, NM; (2)New Mexico Pharmacists Association, Albuquerque, NM

204. A Novel Revenue-Generating Pharmacy-Led Transitions of Care Program.
Eric Dietrich, PharmD, BCPS, Steven Smith, PharmD, MPH, BCPS, John Gums, PharmD, FCCP; Department of Pharmacotherapy & Translational Research; Department of Community Health & Family Medicine, University of Florida, Gainesville, FL

INTERNATIONAL CLINICAL PHARMACY EDUCATION AND TRAINING

Education/Training

224. iForumRx.org – Using the World Wide Web to Connect Ambulatory Care Pharmacists Around the Globe.
Katie Kiser, PharmD, BCACP1, Stuart Haines, PharmD, BCACP, BCPS, BC-ADM2, Dave Dixon, PharmD, BCPS, CDE, CLS, AACC, FNLA3, Allen Tran, PharmD4; (1)Department of Pharmacy Practice, South College School of Pharmacy, Knoxville, TN; (2)Department of Pharmacy Practice and Science, University of Maryland School of Pharmacy, Baltimore, MD; (3)Department of Pharmacotherapy and Outcomes Science, Virginia Commonwealth University School of Pharmacy, Richmond, VA; (4)MedStar Health, Baltimore, MD

225. Pharmacy resident collaboration in global health initiative with clinical pharmacists in Haiti to advance pharmacy services.
Dominick Caselnova III, BS, MHA, FASHP, Julie McCoy, PharmD, Vidya Nair, PharmD, Martin Elie, PharmD, Samahel Joseph, Ph, MSc, Stellar Yi, PharmD, Levi Lancaster, PharmD, Naoto Oki, PharmD, Eric Kastango, MBA, RPh, FASHP, Peter Cantor, B.S. Ed.; (1)Providence St. Peter Hospital, Olympia, WA; (2)Hôpital Bernard Mevs, Port Au Prince, Haiti; (3)Hôpital Universitaire de Mirebalais/ZL/PIH, Mirebalais, Haiti; (4)Clinical IQ, LLC and CriticalPoint, LLC, Madison, NJ; (5)CriticalPoint, Gaithersburg, MD

227. The Asian Conference on Clinical Pharmacy (ACCP-Asia).
Dr. Roger Lander, BSPharm, PharmD, FCCP, FASHP, BCACP, Dr. Joseph Dean, BSPharm, PhD, Dr. Mikio Nishida, BSPharm, PhD, Dr. Hyun-Taek Shin, BSPharm, PharmD, Dr. Robert Henderson, BSPharm, PharmD, FCCP, FASHP, BCPS, Dr. Michael Hogue, PharmD, FAPhA, FNAP, Dr. Paula Thompson, PharmD, MS, BCPS, Prof. Zhu Zhu, BSPharm, Dr. Charles Sands III, BSPharm, PharmD; (1)Accreditation Council for Pharmacy Education, Chicago, IL; (2)Systems for Improved Access to Pharmaceuticals and Services (SIAPS) Program Center for Pharmaceutical Management | Management Sciences for Health, Arlington, VA

231. Assessing and supporting pharmaceutical management training and education in low and middle income countries.
Dr. Dawn Zarembski, PharmD, BCPS, Mr. Michael Rouse, BPharm(Hons), Dr. Peter Vlasses, PharmD, DSc (Hon), BCPS, FCCP, FCPharm, Dr. Sameh Saleeb, MD, MSc, Dr. David Mabirizi, MD, MBA, MPH, Dr. Mohan Joshi, MD, MSc, MBBS; (1)Accreditation Council for Pharmacy Education, Chicago, IL; (2)Systems for Improved Access to Pharmaceuticals and Services (SIAPS) Program Center for Pharmaceutical Management | Management Sciences for Health, Arlington, VA

238. Pharmacy Student Medical Mission Trip Global Health Elective.
Gina M. Prescott, Pharm.D., BCPS, Carolyn Hempel, PharmD, BCPS; (1)School of Pharmacy and Pharmaceutical Sciences, University at Buffalo, Buffalo, NY; (2)State University of New York at Buffalo School of Pharmacy and Pharmaceutical Sciences, Buffalo, NY

239. Collaborative Learning through International Advanced Pharmacy Practice Experiences.
Dr. Patricia Naro, BSPharm, Pharm.D., FASCP, CGP, Dr. Michael Hogue, PharmD, FAPhA, FNAP, Dr. Robert Henderson, BSPharm, PharmD, FCCP, FASHP, BCPS, Dr. Charles Sands III, BSPharm, PharmD, Dr. Paula Thompson, PharmD, MS, BCPS; Pharmacy Practice Department, McWhorter School of Pharmacy, Samford University, Birmingham, AL

244. International Advanced Pharmacy Practice Experience in Traditional Chinese Medicine.
Dr. Timothy Hutcherson, PharmD, Dr. Robert Leopold, MD, PharmD, Dr. Xie Zhen, PhD; (1)School of Pharmacy, D'Youville College, Buffalo, NY; (2)School of Pharmacy, Guangxi University of Chinese Medicine, Nanning, China

248. Development of Master of Science Degree (MSc) Program in Clinical Pharmacy at Postgraduate level at School of Pharmacy Jimma University in Ethiopia.
Mr. Tesfahun Chanie, B.Pharm., MSc; School of Pharmacy, Jimma University, Jimma, Ethiopia

249. An Innovative In-service Training Course on Clinical Pharmacy for Hospital Pharmacists in Ethiopia.
Mr. Tesfahun Chanie, B.Pharm., MSc, Negussu Mekonnen, MPharm, PhD, Yared Yiegezu, BPharm, BA, MPH, MA, Hailu Tadege, BPharm, MSc, MPH; (1)School of Pharmacy, Jimma University, Jimma, Ethiopia; (2)Management Sciences for Health (MSH)-Ethiopia, Addis Ababa, Ethiopia; (3)FDRE Pharmaceuticals Fund and Supply Agency (PFSA), Addis Ababa, Ethiopia; (4)Systems for Improved Access to Pharmaceuticals and Services (SIAPS), MSH, Addis Ababa, Ethiopia

255. Utilizing service learning initiatives to enhance opportunities for street children in western Kenya.
Dr. Chelsea Pekny, PharmD, Dr. Ellen Schellhase, PharmD, Dr. Sonak Pastakia, PharmD, MPH, Samuel Kimani, BEd, Dr. Monica Miller, Pharm.D.; (1)Department of Pharmacy Practice, Purdue University College of Pharmacy; (2)Tumaini Children's Center

258. Impact of a global health pharmacy residency in western Kenya.
Dr. Chelsea Pekny, PharmD, Dr. Rakhi Karwa, PharmD, Dr. Monica L. Miller, PharmD, Dr. Ellen Schellhase, PharmD, Dr. Sonak Pastakia, PharmD, MPH, Mercy Maina, BPharm, Dr. Susie Crowe, PharmD, BCPS; (1)Department of Pharmacy Practice, Purdue University College of Pharmacy; (2)ILGH, AMPATH, Eldoret, Kenya; (3)Department of Pharmacy Practice, Purdue University College of Pharmacy, West Lafayette
259. Development and Implementation of a Pharmaceutical Care Skills Course in Uganda through the Fulbright Specialist Program.

*Dr. KarenBeth Bohan, Pharm.D.*¹, Prof. Richard Odoi Adome, Ph.D.²; (1)Department of Pharmacy Practice, Wilkes University, Wilkes-Barre, PA; (2)Department of Pharmacy, Makerere University, Kampala, Uganda

260. Master of Science in Clinical Pharmacy for International Pharmacists.

*Dr. Karen Whalen, Pharm.D.*¹, Dr. Sven Normann, Pharm.D.²; (1)Pharmacotherapy & Translational Research, University of Florida College of Pharmacy, Gainesville, FL; (2)College of Pharmacy, University of Florida, Gainesville, FL

262. Development and Implementation of a Pharmacotherapy Course for a New School of Pharmacy in Turkey.

*Jennifer Trujillo, PharmD*¹, Joseph Saseen, Pharm.D.², Jodie Malhotra, PharmD³; Kari Franson, Pharm.D., Ph.D.⁴; (1)Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado, Aurora, CO; (2)Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora, CO; (3)Distance Degrees and Programs, University of Colorado Skaggs School of Pharmacy, Aurora, CO; (4)Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy, Aurora, CO

263. International Rubric Norming for Patient-Centered Communication Skills.

*Jodie Malhotra, PharmD*¹, Jennifer Trujillo, PharmD², Kari Franson, Pharm.D., Ph.D.³; (1)Distance Degrees and Programs, University of Colorado Skaggs School of Pharmacy, Aurora, CO; (2)Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado, Aurora, CO; (3)Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy, Aurora, CO

264. Influence of interprofessional medical service brigades on students’ educational growth and impact on community health advancement in two regions of Ecuador.

*Dr. Kirsten Butterfoss, PharmD*¹, *Dr. Michelle Lewis, PharmD, MHA*²; (1)School of Pharmacy, D’Youville College, Buffalo, NY; (2)Pharmacy, Niagara Falls Memorial Medical Center, Niagara Falls, NY


*Sharon E. Connor, PharmD*¹, Lauren J. Jonkman, PharmD, MPH, BCPS; School of Pharmacy, University of Pittsburgh, Pittsburgh, PA

269. International Deployment of a Virtual Dispensing Simulator Supporting Pharmacy Education.

*Dr. Marcus Ferrone, PharmD*¹, Dr. Tina Brock, MS, EdD¹, Lisa Holle, PharmD, BCOP², Dr. Jill Fitzgerald, PharmD³, Mr. Keith Sewell, MS⁴, Mrs. Marian Costelloe, MS⁴; (1)Clinical Pharmacy, University of California, San Francisco, San Francisco, CA; (2)Department of Pharmacy Practice, University of Connecticut School of Pharmacy, Storrs, CT; (3)University of Connecticut; (4)Monash University

### HIV/AIDS

271. Building capacity through implementation of a clinical pharmacy training model for HIV medicine.

*Dr. Kimberly K. Scarsi, PharmD, MSc¹*, Mrs. Oluremi O. Olaitan, B.Pharm, MSc², Dr. Holly E. Rawizza, MD³, Mr. Seyed Jalal Hosseini, MPH³, Mr. Obioho C. Eberendu, BPharm, MSc⁴, Dr. Robert L. Murphy, MD⁵, Dr. Phyllis J. Kanji, DVM, ScD⁵, Dr. Prosper Okonkwo, MD⁶, Dr. Kristin M. Darin, PharmD⁷; (1)Department of Pharmacy Practice, University of Nebraska Medical Center, Omaha, NE; (2)AIDS Prevention Initiative in Nigeria (APIN), Lagos, Nigeria; (3)Division of Immunology and Infectious Diseases, Harvard T. H. Chan School of Public Health, Boston, MA; (4)AIDS Prevention Initiative in Nigeria (APIN), Nigeria; (5)Division of Infectious Diseases and Center for Global Health, Northwestern University Feinberg School of Medicine, Chicago, IL

### Other

274. Implementing a sustainable system to address pharmaceutical supply chain challenges in western Kenya: the revolving fund pharmacy model.

*Dr. Imran Manji, BPharm¹*, Dr. Simon Manyara, BPharm¹, Dr. Beatrice Jakait, BPharm, PharmD¹, Mrs. Eunice Kosgei, Dip Pharm Tech¹, Dr. Sonak Pastakia, PharmD, MPH², Dr. Ellen Schellhase, PharmD², Dr. Monica Miller, Pharm.D.²; (1)Department of Pharmacy, Academic Model Providing Access to Healthcare (AMPATH), Eldoret, Kenya; (2)Department of Pharmacy Practice, Purdue University College of Pharmacy; (3)Department of Pharmacy Practice, Purdue University, West Lafayette

275. Medication taking behavior and adherence during a short term medical mission.
INTERNATIONAL CLINICAL PHARMACY PRACTICE

Education/Training

283. Development of a surgery pharmacists community of practice in Alberta: Combining technology with tacit knowledge.
Mary Gunther, BScPharm, ACPR, Stacey Ginther, BScPharm, PharmD, Alice Chan, BScPharm, ACPR, PharmD, Richard Parrish II, BScPharm, PhD, FCCP; Provincial Pharmacy Services, Alberta Health Services, Edmonton, AB, Canada

284. Student exchange program between Keio University and US universities for international clinical practice.
Prof. Hisakazu Ohtani, Ph D, Dr. Patrick Foster, MD, Prof. Motoko Kanke, Ph D, Prof. Tomonori Nakamura, Ph D, Prof. Yoshihiro Abe, Ph D, Prof. Mayumi Mochizuki, Ph D; Keio University Faculty of Pharmacy, Tokyo, Japan

Dr. Charles Sands III, BSPharm, PharmD1, Dr. Robert Henderson, BSPharm, PharmD, FCCP, FASHP, BCPS1, Dr. Michael Hogue, PharmD, FAPhA, FNAP1, Dr. Roger Lander, BSPharm, PharmD, FCCP, FASHP, BCACP1, Dr. Paula Thompson, PharmD, MS, BCPS1, Dr. Dan Gillis, PharmD2, (1)Pharmacy Practice Department, McWhorter School of Pharmacy, Samford University, Birmingham, AL; (2)Department of Pharmaceutical Services, Princeton Baptist Medical Center, Birmingham, AL

286. Expanding Clinical Pharmacy Education and Service at a Large Chinese Hospital.
Dr. Robert Henderson, BSPharm, PharmD, FCCP, FASHP, BCPS, Dr. Michael Hogue, PharmD, FAPhA, FNAP1, Dr. Roger Lander, BSPharm, PharmD, FCCP, FASHP, BCACP1, Dr. Paula Thompson, PharmD, MS, BCPS1, Dr. Dan Gillis, PharmD2, Dr. Charles Sands III, BSPharm, PharmD1; (1)Pharmacy Practice Department, McWhorter School of Pharmacy, Samford University, Birmingham, AL; (2)Department of Pharmaceutical Services, Peking Union Medical College Hospital, Beijing, China; (3)Department of Pharmaceutical Services, Princeton Baptist Medical Center, Birmingham, AL

Health Services Research

289. Clinical Pharmacists' Journey as collaborators and leaders through "CHAMP-Path" study.
Dr. Sherin Ismail, Bsc, PharmD, BCPS1, Dr. Mohamed Osman, Bsc, PharmD, BCPS1, Dr. Rayf Abulezz, B.S., PharmD, BCPS2, Dr. Hani ALHamdan, BSc. Pharm., M.Sc.1, Prof. K.H Mujtaba Quadri, MD, Diplomate American Board of Internal Medicine and Nephrology2; (1)Pharmaceutical Care Department, National Guard Health Affairs, Jeddah, Saudi Arabia; (2)Pharmaceutical Care Department, National Guard Health Affairs, Madinah, Saudi Arabia; (3)Shifa College of Medicine and Shifa International Hospital, Shifa College of Medicine and Shifa International Hospital, Islamabad, Pakistan

Hematology/Anticoagulation

291. Establishment and Evaluation of Anticoagulation Clinic Incorporating Clinical Pharmacist in Egypt.
Eman El nasawy, BSc, PharmD1, Mahmoud Diaa, Pharm D2; (1)Clinical Pharmacy Department, Mahalla Cardiac Center, Elmahalla Elkobra, Egypt; (2)Hospital Pharmacy Administration, Central Administration Of Pharmaceutical Affairs, Nasr city, Egypt

292. Low Molecular Weight Heparins treatment monitoring: Is current clinical practice adequate?.
Dr. Konstantinos Ioannidis, PharmD, MSc, PhD, Dr. Apostolos Papachristos, PharmD, MSc, Dr. Ioannis Skarlatinis, PharmD; Pharmacy, Hygeia Hospital Athens, Athens, Greece

HIV/AIDS

294. Addressing gaps in HIV care through a pharmacist-managed HIV-peer educator program in western Kenya.
Dr. Rakhi Karwa, PharmD1, Dr. Susie Crowe, PharmD2, Mercy Maina, BPharm3, Dr. Sonak Pastakia, PharmD, MPH4; (1)Department of Pharmacy Practice, Purdue University College of Pharmacy, West Lafayette, IN; (2)Purdue University College of Pharmacy, West Lafayette, IN; (3)IGH, AMPATH, Eldoret, Kenya; (4)Academic Model Providing Access to Healthcare (AMPATH), Eldoret, Kenya
295. Increasing the Use of Isoniazid Prophylactic Therapy for TB Prevention Among PLHIV in HIV Treatment Centers in Lagos State, Nigeria.  
*Mrs. Oluremi Olaitan, B.Pharm, MSc*¹, Dr. Ogochukwu Ginigeme, MBBS, MPH², Dr. Patrick Akande, MBBS, MPH³, Dr. Oluwatoyin Jolayemi, MBBS, MPH⁴, Dr. Prosper Okonkwo, MD⁵, Dr. Saratu Olabode-Ojo, MBBS, MPH⁶;  
(1)PSCM, AIDS Prevention Initiative in Nigeria (APIN), Lagos, Nigeria; (2)Clinical, APIN LTD, Ojuelegba- Lagos, Nigeria; (3)AIDS Prevention Initiative in Nigeria (APIN), Nigeria; (4)Programs, AIDS Prevention Initiative in Nigeria (APIN), Ojuelegba- Lagos, Nigeria; (5)AIDS Prevention Initiative in Nigeria (APIN), Lagos, Nigeria; (6)Clinical, AIDS Prevention Initiative in Nigeria (APIN), Lagos, Nigeria

296. Optimizing therapy for tuberculosis/HIV co-infected patients through a rifabutin access protocol.  
*Dr. Kristin M. Darin, PharmD*¹, Mrs. Oluremi O. Olaitan, BPharm, MSc², Dr. Holly E. Rawizza, MD³, Dr. Patrick A. Akande, MBBS, MPH², Dr. Chad J. Achenbach, MD, MPH¹, Dr. Babafemi O. Taiwo, MBBS¹, Dr. Robert L. Murphy, MD¹, Dr. Phyllis J. Kanki, DVM, ScD³, Dr. Prosper I. Okonkwo, MD², Dr. Kimberly K. Scarsi, PharmD, MSc⁴;  
(1)Division of Infectious Diseases and Center for Global Health, Northwestern University Feinberg School of Medicine, Chicago, IL; (2)AIDS Prevention Initiative in Nigeria (APIN), Nigeria; (3)Department of Immunology and Infectious Diseases, Harvard T. H. Chan School of Public Health, Boston, MA; (4)Department of Pharmacy Practice, University of Nebraska Medical Center, Omaha, NE

Medication Safety

*Dr. Donghang Xu, Pharm.D.*¹, Prof. Xiaofeng Yan, M.S.¹, Mr. Zhengli Jiang, M.S.², Mr. Lifeng Du, M.S.³;  
(1)Department of Pharmacy, The Second Affiliated Hospital, School of Medicine, Zhejiang University, Hangzhou, China; (2)Taizhou Hospital of Wenzhou Medical University, Taizhou, China; (3)Huangyan Hospital of Wenzhou Medical University, Huangyan, China

303. Clinical pharmacists’ involvement in the quality assurance of medication order sentences built for an electronic medical record system at a new, state of the art women and children's hospital in Qatar.  
*Kyle Gunter, Pharm.D., Anish Patel, MPharm, Nassir Ali, MPharm, Farah Nawab, Pharm.D.; Department of Pharmacy, Sidra Medical and Research Center, Doha, Qatar

Oncology

312. Clinical and economic impact of intervention of pharmacists in a large volume chemotherapy preparation unit.  
*Ms. Ji Min Han, master*¹, Prof. Ju Yeun Lee, doctor², Prof. Seock Ah Im, doctor³, Ms. Sung Yun Suh, master⁴, Ms. Sun Hoi Jung, master⁴, Ms. Hyang Sook Kim, master⁴, Ms. Hyeon Joo Hahn, master⁴;  
(1)Department of Oncology Pharmacy, Seoul National University Hospital, Seoul, South Korea; (2)College of Pharmacy, Institute of Pharmaceutical Science and Technology, Hanyang University, Ansan Gyeonggi-do, South Korea; (3)Department of Internal Medicine, College of Medicine, Seoul National University, Seoul, South Korea; (4)Department of Pharmacy, Seoul National University Hospital, Seoul, South Korea

314. Pharmacist-run medication compliance clinic in oncology patients.  
*Ms. Grace Man Ying Cheng, BPharm, MMEdSc*¹, Ms. Leone Kit Ming Wong, BPharm, MMEdSc, BCOP¹, Mr. Terence Ching Yeung Mak, MPharm¹, Dr. Harry Ho Yin Yiu, MBBS², Mr. Kenneth Kwok Ming Law, BPharm¹, Dr. Wilson Yun Shing Leung, BPharm, PhD, BCPS¹;  
(1)Department of Pharmacy, Queen Elizabeth Hospital, Hong Kong; (2)Department of Clinical Oncology, Queen Elizabeth Hospital, Hong Kong

315. Types of medication errors in oncology setting in Greece: Is clinical pharmacist role beneficial and cost-effective?  
Dr. Konstantinos Ioannidis, PharmD, MSc, PhD, *Dr. Apostolos Papachristos, PharmD, MSc*, Dr. Ioannis Skar拉丁is, PharmD; Pharmacy, Hygeia Hospital Athens, Athens, Greece

*Rania Slika, Pharm D, BCPS¹, Nicole Gebron, Pharm D, BCPS²;*  
(1)Pharmacy department, Tawam Hospital, United Arab Emirates; (2)Pharmacy, Tawam Hospital, Abu Dhabi, United Arab Emirates

Other
318. Analysis of Pharmacist intervention in Chinese International Hospital.
Ms. Jinjin MOU, master, Mr. Hao Lu, MPHarm, DipClinPhar, BCPS, Ms. Yi Pang, Bachelor; Department of Pharmacy, Beijing United Family Hospital, Beijing, China

319. Medication Reconciliation in Patients Hospitalized in a Military Hospital.
Dr. Damiana da Rocha Vianna Flôres, Phd, Welington Leão, clinical pharmacist, Juliana Amanteia, clinical pharmacist, Simara Artico, clinical pharmacist, Graciele Steiernagel, clinical pharmacist, Viviane Rubert, clinical pharmacist; (1)Hospital de Aeronáutica de Canoas, Canoas, Brazil; (2)Hospital de Aeronáutica de Canoas

RESIDENTS AND FELLOWS RESEARCH IN PROGRESS

Adult Medicine

326. Prospective randomized controlled trial to evaluate the effect of a rivaroxaban patient assistance kit (R-PAK) for patients discharged with rivaroxaban for treatment of VTE.
Brandon Nuziale, PharmD, Andrew J. Crannage, PharmD, BCPS, Zachary A. Stacy, Pharm.D., BCPS, Jamie M. Pitlick, Pharm.D., BCPS; St. Louis College of Pharmacy, St. Louis, MO

Ambulatory Care

334. Advancing Pharmacy Practice through a Novel Chronic Myeloid Leukemia Ambulatory Care in Brazil: Structure, Process and Results.
Dr. Lucas Okumura, RPh, Dr. Valquiria Antunes, RPh, Dr. Karina Aguiar, RPh, Dr. Tatiane Farias, RPh, Dr. Vania Andrejevski, RPh, Dr. Vaneuza Funke, MD, MSc; (1)Clinical Pharmacy/Hospital Pharmacy Division, Hospital de Clínicas de Porto Alegre, Porto Alegre, Brazil; (2)Clinical Hospital, Federal University of Paraná, Brazil; (3)Clinical Hospital, Federal University of Paraná, Curitiba, Brazil

335. Utilization of Twice Daily Dosing of Insulin Glargine in Type 2 Diabetes Mellitus.
Hansita Patel, Pharm.D., Rebecca L. Attridge, Pharm.D., MSc, BCPS, Kimberly Cauthon, PharmD, CGP, Cheryl K. Horlen, Pharm.D., BCPS, Elizabeth M. Urteaga, PharmD, Amy Witte, PharmD; University of the Incarnate Word Feik School of Pharmacy, San Antonio, TX

336. Assessment of clinical pharmacy interventions to reduce outpatient use of high-risk medications in the elderly.
Sarah Cox, Pharm.D., A. Shaun Rowe, Pharm.D., BCPS, Julie Jeter, M.D., Andrea S. Franks, Pharm.D., BCPS, Rachel Renwick, Pharm.D., Shaunta M. Ray, Pharm.D., BCPS; (1)Department of Pharmacy, University of Tennessee Medical Center, Knoxville, TN; (2)Department of Clinical Pharmacy, University of Tennessee Health Science Center, College of Pharmacy, Knoxville, TN; (3)University of Tennessee Graduate School of Medicine, Knoxville, TN

338. Comparison of biphasic premixed insulin versus once daily basal insulin in insulin-naive veteran patients with type 2 diabetes.
Catlin Grisham-Takac, Pharm.D., Julianne Yeary, Pharm.D., Krystal Edwards, Pharm.D., FCCP, BCPS, Lisa Chastain, PharmD, BCACP, Kevin C. Kelly, PharmD, BCPS; (1)VA North Texas Healthcare System, Dallas, TX; (2)University of Mississippi Medical Center, Jackson, MS; (3)Texas Tech UHSC School of Pharmacy, Dallas, TX; (4)Pharmacy Practice - Ambulatory Care Division, Texas Tech University Health Sciences Center, Dallas, TX; (5)Veterans Affairs North Texas Health Care System, Dallas, TX

339. Medication adherence tools applied to patients discharged from a cardiology ward: a pharmacist-led ambulatory service in Brazil.
Dr. Patricia Carvalho Baruel Okumura, RPh, Bianca de Oliveira Cata-Preta, RPh, Walleri Christini Torelli Reis, RPh, Rangel Ray Godoi, RPh, Marcia Luiza Drechsel Favero, RPh, MSc, Thais Teles de Souza, RPh, MSc, Dr. Cassyano Januario Correr, RPh, MSc, PhD; (1)Clinical Pharmacy Division, Hospital de Clinicas de Porto Alegre, Porto Alegre, Brazil; (2)Clinical Pharmacy/Hospital Pharmacy Division, Hospital de Clinicas de Porto Alegre, Porto Alegre, Brazil

Cardiovascular
340. Evaluating the accuracy of Point-of-Care home INR machine when compared to venous blood draw from the laboratory.

Dr. Janeane Giannini, PharmD.1, Dr. Jennifer Branch, pharmD2, Dr. Tina Ling, PharmD.1; (1)Pharmacy Department, University of California Davis Medical Center, Sacramento, CA; (2)pharmacy department, University of California Davis Medical Center, Sacramento, CA

341. Impact of clinical pharmacy services on dofetilide monitoring.

Dr. Lieth Quffa, Pharm.D.1, Andrew Franck, Pharm.D.2; (1)North Florida/ South Georgia Veterans Health system, Gainesville, FL; (2)North Florida/ South Georgia Veterans Health system, Gainesville, FL

342. The effects of total dose infusion intravenous iron administration in patients with acute heart failure.

Bonnie Kaminsky, PharmD, Kristen T. Pogue, PharmD, BCPS (AQ CV), Michael P. Dorsch, PharmD, MS, BCPS, (AQ, CV), Sarah Hanigan, PharmD, BCPS, Todd Koelling, M.D.; University of Michigan Hospitals and Health Centers, Ann Arbor, MI


Jimin Lee, PharmD, BCPS, Yoojin Noh, BS, Sooyoung Shin, PharmD, Sukhyang Lee, PharmD, PhD; College of Pharmacy, Ajou University, Suwon, South Korea

344. Triple versus dual antiplatelet therapy of cilostazol or sarpogrelate with aspirin and clopidogrel after percutaneous coronary intervention: a retrospective cohort study using Korean National Health Insurance Claim Database.

Yoojin Noh, BS, Jimin Lee, PharmD, BCPS, Sooyoung Shin, PharmD, Sukhyang Lee, PharmD, PhD; College of Pharmacy, Ajou University, Suwon, South Korea

347. Appropriate monitoring to improve amiodarone safety and tolerability.

Sarah Norrid, Pharm.D.1, Shannon W. Finks, Pharm.D.2, Robert B. Parker, Pharm.D.3, Kelly C. Rogers, Pharm.D.2; (1)Veterans Affairs Medical Center, Memphis, TN; (2)Department of Clinical Pharmacy, University of Tennessee College of Pharmacy, Memphis, TN; (3)University of Tennessee Dept of Pharmacy, Memphis, TN

348. Characterization of Heparin-Induced Thrombocytopenia in Status 1A Cardiac Transplant Candidates.

Shannon Piche, PharmD, Scott Nei, PharmD, Ilya Danelich, PharmD, Yuk Ting Lydia Leung, PharmD, Jennifer Lose, PharmD, Gregory Barsness, MD, Narith Ou, PharmD; Mayo Clinic Hospital, Rochester, MN

349. An inpatient multidisciplinary educational approach to reduce 30-day heart failure readmissions.

Ahmed Aljabri, Pharm.D.1, Ferena Salek, Pharm.D.2, Linda Calkins, RPh, MPH2, Kyle Malhotra, Pharm.D./MPH candidate3, Deborah Dienst, RN2, Karen Smith, PhD, RPh4; (1)Center for Health Outcomes & PharmacoEconomic Research, University of Arizona College of Pharmacy, Tucson, AZ; (2)Northwest Medical Center, tucson, AZ; (3)College of Pharmacy, University of Arizona, AZ; (4)School of Pharmacy, Regis University, Denver, CO

350. Rates of clinically significant bleeding and venous thromboembolism in surgical patients receiving prophylactic rivaroxaban.

Andi Corya, PharmD1, Emily Hutchison, PharmD, BCPS1, Alexis Paris, PharmD2, Sara Hart, PharmD, BCPS1; (1)Indiana University Health; (2)Purdue University


Jordan King, PharmD1, Amy Sainski-Nguyen, PhD1, Rashmee Shah, MD, MS2, Mark Munger, PharmD1, Joseph Biskupiak, PhD, MBA1, Adam Bress, PharmD, MS1; (1)Department of Pharmacotherapy, University of Utah, Salt Lake City, UT; (2)Division of Cardiovascular Medicine, University of Utah, Salt Lake City, UT

Community Pharmacy Practice

353. Pharmaceutical Care Practice Among Community Pharmacists in Enugu Metropolis, South-EAST Nigeria.

Dr. Ogbonna Brian Onyebuchi, B.Pharm, MSC Pharm, FPCPharm.; DEPARTMENT OF CLINICAL PHARMACY, FACULTY OF PHARMACEUTICAL SCIENCES, NNAMDI AZIKIWE UNIVERSITY, AWKA, NIGERIA., DEPARTMENT OF CLINICAL PHARMACY AND PHARMACY MANAGEMENT, FACULTY OF PHARMACEUTICAL SCIENCES, NNAMDI AZIKIWE UNIVERSITY, AWKA, NIGERIA, AWKA, NIGERIA.
Critical Care

355. Is the use of vasopressin during in-hospital cardiopulmonary resuscitation associated with improved return of spontaneous circulation?

Dr. Melissa Quinn, PharmD¹, Matthew J. Korobey, PharmD, BCPS², Carmen B. Smith, PharmD, BCPS¹; (1)St. Louis College of Pharmacy, St. Louis, MO; (2)Mercy Hospital St. Louis, St. Louis, MO

356. Steady-state pharmacokinetic comparison of intermittent vs continuous infusion valproic acid therapy in non-critically ill and critically ill patients.

Dr. Edward Van Matre, PharmD¹, Dr. Meriem Bensalem-Owen, MD², Dr. Zafar Muhammad, MD², Dr. Sally Mathias, MD², Dr. Alessandra Stewart, MD², Dr. Ana Albua, MD², Dr. Aaron Cook, PharmD¹; (1)Department of Pharmacy, University of Kentucky HealthCare, Lexington, KY; (2)Department of Neurology, University of Kentucky HealthCare

357. The effect of acetaminophen on acute kidney injury and mortality in patients with severe sepsis.

Ohood Aljuhani, PharmD¹, Hussain Baksh, PharmD¹, Brian Erstad, PharmD¹, Scott Strassels, PharmD, PhD², Dr. Asad E. Patanwala, Pharm.D.¹; (1)Pharmacy Practice and Science, The University of Arizona College of Pharmacy, Tucson, AZ; (2)Health Economics & Outcomes Research, Mallinckrodt Pharmaceuticals, Hazelwood, MO

358. Dexmedetomidine vs. Propofol in Cardiac Surgery Patients.

Dr. Eunbae Lee, PharmD¹, Dr. Brian Kopp, PharmD², Dr. Robyn Basken, PharmD², Dr. Asad E. Patanwala, Pharm.D.³; (1)College of Pharmacy, The University of Arizona College of Pharmacy, Tucson, AZ; (2)Department of Pharmacy, Banner University Medical Center Tucson, Tucson, AZ; (3)Pharmacy Practice and Science, The University of Arizona College of Pharmacy, Tucson, AZ

359. Effect of abrupt discontinuation of antidepressant therapy in critically ill hospitalized adults.

Taryn B. Satterwhite, Pharm.D.¹, Krystal K. Haase, Pharm.D., FCCP, BCPS², Diana Mechel, Pharm.D. Candidate³; (1)School of Pharmacy, Texas Tech University Health Sciences Center, Amarillo, TX; (2)Texas Tech University Health Sciences Center School of Pharmacy, Amarillo, TX

360. The influence of acid suppressants on oral and fecal microbiomes in critically ill patients.

Lauren Roller, PharmD¹, Dr. Robert MacLaren, PharmD², Dr. Tyree Kiser, PharmD², Dr. Scott Mueller, PharmD², Dr. Douglas Fish, PharmD², Paul Wischmeyer, MD³; (1)University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora, CO; (2)Department of Clinical Pharmacy, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora, CO; (3)University of Colorado Health

361. Anticoagulation with Heparin during Therapeutic Hypothermia after Cardiac Arrest.

Dr. Katy Allen, PharmD¹, Dr. Lisa Hall Zimmerman, PharmD¹, Dr. Joshua Steelman, PharmD, Dr. Lesly Jurado, PharmD; (1)New Hanover Regional Medical Center, Wilmington, NC

Education/Training


Dr. Mukesh Kumar, Pharm.D; Pharmacy Practice, Gulf Medical University, Ajman, United Arab Emirates

364. Evaluation of nursing comprehension on high-alert medications following pharmacy education.

Dr. Francis Zamora, Pharm.D.¹, Dr. Rani Maddrum, Pharm.D., BCPS, AAHIVP¹, Dr. Mona Patel, Pharm.D.¹, Dr. Philip Coco, Pharm.D., BCPS¹, Dr. Thom K. Nguyen, Pharm.D., BCPS, CTTS²; (1)Department of Pharmaceutical Services, Hunterdon Medical Center, Flemington, NJ; (2)Department of Pharmacy Practice and Administration, Rutgers, The State University of New Jersey, Piscataway, NJ


Ms. Chai Ling Ong, BSc (Pharm) (Hons)¹, Dr. Sandra L. Kane-Gill, PharmD, MSc, FCCM, FCCP², Mr. Lawrence R. Kobulinsky, CHSOS¹, Dr. Amy Lynn Seybert, PharmD³; (1)Department of Pharmacy and Therapeutics, School of Pharmacy, University of Pittsburgh, Pittsburgh, PA; (2)Department of Pharmacy and Therapeutics, University of Pittsburgh School of Pharmacy, Pittsburgh, PA; (3)School of Pharmacy, University of Pittsburgh, Pittsburgh, PA


Dr. Hari Varun Kalluri, PharmD, Kacey Anderson, BS, Dr. Randall Smith, PhD; Department of Pharmaceutical Sciences, School of Pharmacy, University of Pittsburgh, Pittsburgh, PA
Emergency Medicine
370. Predictors of patient satisfaction with pain management in the emergency department.
*Echo Fallon, BS Biochemistry, PharmD*; Department of Pharmacy, Banner University Medical Center, South Campus, Tucson, AZ

Family Medicine
375. Meta-Analysis of Observational Studies of the Effectiveness of Omalizumab in the Control of Severe Allergic Asthma.
*Dr. Abdulaziz Alhossan, Pharm.D*¹, Dr. Christopher Lee, PhD, RN², Dr. Karen MacDonald, PhD, RN³, Dr. Ivo Abraham, PhD, RN¹; (1)Center for Health Outcomes & PharmacoEconomic Research - HOPE Center, The University of Arizona - College of Pharmacy, Tucson, AZ; (2)School of Nursing and School of Medicine, Oregon Health & Science University, Portland, OR; (3)Matrix45, LLC, AZ

Geriatrics
377. Caring for geriatric patients with diabetes at a family medicine teaching clinic: a continuous quality improvement project.
*Kyle Turner, Pharm.D.*¹, Lindsay Sorge, Pharm.D., MPH, BCACP², Chrystian R. Pereira, Pharm.D., BCPS³; (1)University of Minnesota College of Pharmacy, Minneapolis, MN; (2)Pharmaceutical Care & Health Systems, University of Minnesota College of Pharmacy, Minneapolis, MN; (3)Department of Pharmaceutical Care and Health Systems, University of Minnesota College of Pharmacy, Minneapolis, MN

Infectious Diseases
392. Azithromycin Pharmacodynamics against Persistent Non-Typeable Haemophilus influenzae (NTHI) Isolates from COPD Patients.
*Raheal Boadi-Yeboah, Pharm.D Candidate*¹, James Fisher, MPH Candidate², Melinda Pettigrew, PhD², Amanda Marrocco, B.S¹, Patricia N. Holden, BS¹, Sanjay Sethi, MD³, Timothy Murphy, MD³, Brian T. Tsuji, PharmD¹; (1)Laboratory for Antimicrobial Pharmacodynamics, University at Buffalo School of Pharmacy and Pharmaceutical Sciences, Buffalo, NY; (2)Yale School of Public Health, New Haven, CT; (3)University at Buffalo School of Medicine, Buffalo, NY

393. Identification and comparison of risk factors for daptomycin non-susceptible S. aureus (DNS) and daptomycin non-susceptible Enterococcus (DNE).
*Christo Cimino, PharmD*¹, Douglas Slain, Pharm.D., BCPS, FCCP², Paul LaSala, MD, D(ABMM)³, Lisa Keller, Pharm.D., BCPS⁴; (1)Department of Pharmacy, WVU Healthcare, Morgantown, WV; (2)West Virginia University School of Pharmacy, Morgantown, WV; (3)Department of Pathology, WVU Healthcare, Morgantown, WV; (4)WVU Healthcare

Nephrology
404. Evaluation of 30-Day Hospital Readmissions for Patients with End Stage Renal Disease.
*Cassandra Dees, Pharm.D.*¹, Joanna Q. Hudson, Pharm.D., BCPS, FASN, FCCP, FNKF², Alison Apple, D.Ph., M.S.¹, Robin Womeodu, M.D., FACP³, Benjamin T. Duhart Jr., M.S., Pharm.D.²; (1)Pharmacy Department, Methodist Le Bonheur Healthcare--University Hospital, Memphis, TN; (2)Department of Clinical Pharmacy, The University of Tennessee College of Pharmacy, Memphis, TN; (3)Methodist Le Bonheur Healthcare--University Hospital, Memphis, TN

Pharmacokinetics/Pharmacodynamics/Drug Metabolism/Drug Delivery
*Dr. Andrew Spurgin, Pharm.D.*¹, Dr. Timothy Brown, Ph.D.², Dr. John Gaspar, Ph.D.², Dr. Gary Gaffney, M.D.³, Dr. Robin Johnson, Ph.D.⁴, Dr. Gary Milavetz, Pharm.D.¹; (1)Pharmacy Practice and Science, University of Iowa College of Pharmacy, Iowa City, IA; (2)National Advanced Driving Simulator, Iowa City, IA; (3)University of Iowa Carver College of Medicine, Iowa City, IA; (4)Clinical Research, Advanced Brain Monitoring, Carlsbad, CA
Pulmonary

422. Evaluation of Asthma Knowledge in a Remote Community of Honduras.  
Dr. Rebecca Cope, PharmD1, Lauren J. Jonkman, PharmD, MPH, BCPS2, Sharon E. Connor, PharmD2, Mark Meyer, MD3; (1)University of Pittsburgh School of Pharmacy, Pittsburgh, PA; (2)School of Pharmacy, University of Pittsburgh, Pittsburgh, PA; (3)University of Pittsburgh Medical Center, Pittsburgh, PA

Transplant/Immunology

433. Medications and Clinical Features Associated with Neutropenia Following Kidney Transplantation.  
Brooke Hofmeyer, Pharm.D., MPH, Robert Shaw, Pharm.D., MPH, BCPS, BCNSP, Brian Lund, Pharm.D., MS, Shannon Heintz, Pharm.D., BCPS; Iowa City Veterans Affairs Healthcare System

434. Impact of on-demand intravenous immunoglobulin therapy on the burden of infection and rejection in lung transplant recipients with hypogammaglobulinemia.  
Alicia B. Lichvar, PharmD, BCPS1, Christopher R. Ensor, PharmD, BCPS, AQ-CV1, Andrej A. Petrov, MD2; (1)Department of Pharmacy and Therapeutics, University of Pittsburgh Medical Center, Pittsburgh, PA; (2)Department of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA

435. Use of chronic sublingually administered tacrolimus in ambulatory lung transplant recipients.  
Esther Liu, PharmD, BCPS; Dept of Pharmacy, Tampa General Hospital, Tampa, FL

LATE-BREAKING RESEARCH

Adult Medicine

715. Outcomes in Hospitalized Decompensated Cirrhotic Patients Presenting with Spontaneous Bacterial Peritonitis (SBP) Based on Severity of Systemic Inflammatory Response Syndrome (SIRS).  
Jennifer Twilla, Pharm.D., BCPS1, Dr. Sanjaya Satapathy, MD2, Satheesh Nair, MD2, Alex Kovalic, Medical Student3; (1)Methodist University Hospital, Memphis, TN; (2)Methodist University Hospital Transplant Institute, Memphis, TN; (3)University of Tennessee Department of Medicine

Pharmacogenomics/Pharmacogenetics

714. Provider acceptance rates and perceived usefulness of pharmacogenetic recommendations provided by a pharmacist and clinical decision support tool.  
Tyler Mamiya, PharmD1, Eman Biltaji, BPharm, MS2, Kristine Ashcraft, MBA1, Ranjit Thirumaran, M.Pharm, PhD1, Rachel Sass, PharmD1, Diana Brixner, RPh, PhD2; (1)Genelex Corporation, Seattle, WA; (2)Department of Pharmacotherapy & Pharmacotherapy Outcomes Research Center, University of Utah College of Pharmacy, Salt Lake City, UT

Transplant/Immunology

713. Melphalan 200 MG/M2 in Patients with Renal Impairment Is Associated with Increased Short Term Toxicity but Improved Response and Longer Treatment-Free Survival.  
Dr. Karen Sweiss, PharmD1, Dr. Katie Culos, PharmD2, Dr. Seema Patel, PharmD3, Dr. Annie Oh, MD4, Dr. Damiano Rondelli, MD5, Dr. Pritesh Patel, MD5; (1)College of Pharmacy, Department of Pharmacy Practice, University of Illinois at Chicago College of Pharmacy, Chicago, IL; (2)Pharmacy Practice, Vanderbilt University, Nashville, TN; (3)Mount Sinai Hospital, Chicago, IL; (4)University of Illinois, Chicago, IL; (5)Hematology/Oncology, University of Illinois, Chicago, IL