



Department of Pharmacy
2015 Scholarly Works Report

Department of Pharmacy 2015 Scholarly Works

At the beginning of the year the Department of Pharmacy was surveyed to document and share our members' contributions to scholarly works during the previous calendar year. 2015 was successful with Department of Pharmacy staff contributing to publication of 11 peer-reviewed manuscripts. Other scholarly works completed by Department of Pharmacy staff during 2015 included 1 book chapter, 26 abstracts/posters and 13 oral presentations delivered at national and regional meetings. The volume and quality of scholarly works is impressive and something of which the Department of Pharmacy should be very proud.

Peer reviewed publications

1. **Beardsley JR**, Jones CM, Williamson J, et al. Pharmacist involvement in a multidisciplinary initiative to reduce sepsis-related mortality. *Am J Health-Syst Pharm* 2016;73:143-149.
2. **Gibbs H**, Zimmerman M, Lewin JL, Shermock KM, Clarke W, Mirski M. Comparison of the free fraction of valproic acid between inpatients and outpatients. *Am J Health-Syst Pharm*. 2015; 72:121-6.
3. **Good BL**, Gomes DC, Fulco PP. An unexpected interaction between warfarin and cobicistat-boosted elvitegravir. *AIDS* 2015;29:985-6. DOI: 10.1097/QAD.0000000000000630.
4. Hohner EM, Kruer RM, Gilmore VT, Streiff M, **Gibbs H**. Unfractionated heparin dosing for therapeutic anticoagulation in critically ill obese adults. *J Crit Care*. 2015; 30: 395-9.
5. **Kenes MT**, Leonard MC, Bauer SR, Wyman MJ. Liposomal bupivacaine versus continuous infusion bupivacaine via an elastomeric pump for the treatment of postoperative pain. *Am J Health Syst Pharm*. 2015;72(23 Suppl 3):S127-32.
6. Lamar L, **Kennedy LD**, Kennedy MB, Lynch MB, Goad A, Hurd DH, McIver Z. Ibrutinib and rituximab induced rapid response in refractory Richter syndrome. *Clin Case Rep*. 2015 Jul;3(7):615-7.
7. **Moore SJ**, Blair EA, Steeb DR, Reed BN, Hull JH, Rodgers JE. Impact of video technology on efficiency of pharmacist-provided anticoagulation counseling and patient comprehension. *Ann Pharmacother*. 2015 Jun;49(6):631-8.
8. Mulder M, Smith SW, **Gibbs HG**, Scott NL, Geocadin RG. The authors reply. *Crit Care Med*. 2015; 43(4):e121-2.
9. Palanisamy A, Persad P, Koty PP, Douglas LL, Stratta RJ, Rogers J, Reeves-Daniel AM, Orlando G, Farney AC, Beaty MW, Pettenati MJ, Iskandar SS, Grier DD, **Kaczowski SA**, **Doares WH**, Gautreaux MD, Freedman BI, Powell BL. Donor-derived myeloid sarcoma in two kidney transplant recipients from a single

donor. Case Rep Nephrol. 2015;2015:821346. doi: 10.1155/2015/821346. Epub 2015 Apr 21.

10. Passarelli AJ, **Gibbs H**, Rowden AM, Efird L, Zink E, Mathioudakis N. Evaluation of a nurse-managed insulin infusion protocol. *Diabetes Technol Ther*. 2015 (epub ahead of print).
11. **Rokas KE, Johnson JW, Beardsley JR**, Ohl CA, Luther VP, **Williamson JC**. The Addition of Intravenous Metronidazole to Oral Vancomycin is Associated With Improved Mortality in Critically Ill Patients With Clostridium difficile Infection. *Clin Infect Dis*. 2015 Sep 15;61(6):934-41.

Book Chapters

1. Lewin JJ 3rd, **Gibbs H**, Mirski MA. Chapter 16: Sedation and Analgesia in Critically Ill Neurologic Patients. In: Hemphill JC, Rabinstein AA, Samuels OB, eds. *The Practice of Neurocritical Care*. Minneapolis: Neurocritical Care Society; 2015:336-359.

Posters

1. **Arnall J, Kennedy L**. Medication use evaluation of decitabine induction chemotherapy in older patients with newly diagnosed acute myeloid leukemia/UHC Resident Poster Session/ New Orleans, LA. December 2015
2. **Baker A, Bonkowski J, Harvin A**, Knudsen R, Fox B. Development and implementation of an anticoagulation clinical scoring system. Poster presented at: ASHP Midyear Clinical Meeting; December 4-10; New Orleans, Louisiana.
3. **Braschler J**. Beyond Distribution: Implementation and Evaluation of a Technician Driven Transitions of Care Service. UHC Pharmacy Council Meeting/New Orleans, LA December 2015
4. **Carr DR, Johnson JW**, Wilkin AM, **Williamson JC**. Outcomes of Tenofovir Discontinuation Among HIV-Infected Patients with Suspected Tenofovir-Associated Nephrotoxicity/UHC Poster Presentation, ASHP Midyear in New Orleans, LA. December 2015.
5. **Carrington JL, Williamson JC, Johnson JW**, Bowline IG, **Beardsley JR**. Incidence of acute kidney injury during treatment with vancomycin in combination with piperacillin-tazobactam or cefepime. UHC Resident Poster Session/ New Orleans, LA. December 2015.

6. **Cavalier M, Kennedy L.** Relationship of CMV Reactivation and Rabbit Anti-thymocyte Globulin Administration in Allogeneic Stem Cell Transplant Patients/ASHP Midyear/New Orleans, LA. December 2015
7. Dobrzynski D, Ohl C, **Williamson J, Johnson, J, Beardsley J**, et al. Real-Time Antibiotic De-escalation Decision Making Among Internal Medicine Post Graduate Physicians: A Prospective Study in an Inpatient Geriatric Population. . 55th Interscience Conference. September 2015
8. Dobrzynski D, Ohl C, **Williamson J, Johnson, J, Beardsley J**, et al. Real-Time Antibiotic De-escalation Decision Making Among Internal Medicine Post Graduate Physicians: A Prospective Study in an Inpatient Geriatric Population. ID Week. San Diego, CA. October 2015.
9. **Guest C**, Goldman L, Picton J, Leonall S, Gooch J, Palmer K. Evaluating Health Literacy in the Inpatient Setting Using the Shortened Rapid Estimate of Adult Literacy in Medicine (REALM) Model: A Descriptive Study.
10. **Kenes M, et al.** Treatment Outcomes of Clostridium difficile Infection in Neutropenic Adults/IDWeek 2015/San Diego, CA October 2015
11. **Kenes MT**, et al. Effect of scheduled acetaminophen on intravenous opioid use in trauma patients. Poster presented at Society of Critical Care Medicine Annual Congress; Phoenix, Arizona, January 2015.
12. **Kennedy L**, Ammirati S, Reece K, Miller J, Duba J. Evaluation of IV Iron in a comprehensive Cancer Center/ASHP Midyear Clinical Meeting/New Orleans, LA. December 2015.
13. **Kennedy L**, Brandon H, Williams M. Tumor lysis syndrome: incidence and subsequent management in adult acute myeloid leukemia patients/ASHP Midyear Clinical Meeting/New Orleans, LA December 2015.
14. **Kennedy L**, St Pierre M, Jones J. Use of fosaprepitant in adult inpatient hematology and oncology patients receiving chemotherapy/ASHP Midyear Clinical Meeting/New Orleans, LA December 2015
15. Luther V, Petrocelli J, **Beardsley J**, et al. Effectiveness of a Novel Case Based Antimicrobial Stewardship (AS) Education Intervention that Emphasizes Clinical Reasoning (CR). ID Week. San Diego CA. October 2015
16. **Ovenell M, Maki J.** Phased implementation of an internal benchmarking system within a health system pharmacy department/UHC/New Orleans, LA. December 2015

17. Patel N, **Gibbs H**, Crow J, Chasler J, Duquaine D, Whitman G, Efird L. Impact of the 2014 cardiac surgery blood glucose SCIP-Inf-4 measure on the incidence of hypoglycemia in a cardiovascular surgical intensive care unit. Poster presented at University Health-System Consortium, Pharmacy Council Meeting; New Orleans, Louisiana, December 2015.
18. **Passarelli A, Gibbs H, Rowden A, Crow J, Efird L**, Zink E, Mathioudakis D. Hypoglycemia and adherence to an insulin infusion protocol in cardiac surgery vs. other ICU patients. Poster presented at Society of Critical Care Medicine Annual Congress; Phoenix, Arizona, January 2015.
19. **Payne L**. Effects of clonidine on long-term dexmedetomidine in critically ill pediatric patients. Poster presented at University Health-System Consortium, Pharmacy Council Meeting; New Orleans, Louisiana, December 2015.
20. Rudisill T, St. Pierre M, **Arnall J, Bookstaver R, Dattero J, Crawford R, Kaczowski S**. Comprehensive Evaluation of Darbepoietin in the Inpatient Hospital Setting/ASHP Midyear Clinical Meeting/ New Orleans, LA December 2015
21. **Simmons KC**. The Impact of a Health System-based Specialty Pharmacy on the Clinical Outcomes of Renal Transplant, Hepatitis C and HIV Patients. Poster presented at University Health-System Consortium, Pharmacy Council Meeting; New Orleans, Louisiana, December 2015.
22. **Taylor H, Beardsley J, Fritz N**. Analysis of anticoagulation reversal with human prothrombin complex concentrate and anti-inhibitor coagulant complex / ASHP Midyear Student Poster Presentation. December 2015
23. **Teachey A, Thompson L, Fritz N, Guest C, Bennet M, Bookstaver B**. Evaluation of an Institution-specific Nurse-driven Diabetic Ketoacidosis Protocol / ASHP Midyear Student Poster Presentation New Orleans, Louisiana, December 2015.
24. **Watson M**. Evaluation of extended infusion cefepime in patients with gram-negative bacilli bloodstream infection/UHC Poster Presentation at ASHP Midyear/New Orleans, LA. December 2015.
25. Wallace K, **Yoder M, Beardsley J**, et al. Impact of a Procalcitonin-based Treatment Guideline on Antibiotic Prescribing in Cardiology Patients with Suspected Respiratory Tract Infection. ID Week. San Diego, CA. October 2015.
26. **White A**. Pilot implementation and evaluation of a pharmacy care model for population health/UHC Pharmacy Council Meeting/New Orleans, LA. December 2015

Oral Presentations

1. Arnall J. HIT me with your best shot - Management of heparin-induced thrombocytopenia/ASHP Midyear Clinical Meeting Student Clinical Pearls Presentation/ New Orleans, LA. December 2015
2. Bookstaver B. Fixed-dose cisatracurium in ARDS: sedation and analgesia/SERC Athens, GA. May 2015.
3. Carr D. Cefazolin Versus Ceftriaxone for the Treatment of Methicillin-Susceptible Staphylococcus aureus (MSSA) Bacteremia in a Tertiary-Care VA Medical Center. ID Week. San Diego CA October 2015
4. Cavalier M. Incidence of Toxicities in Overweight or Obese Pediatric Patients during Acute Lymphoblastic Leukemia (ALL) Induction Chemotherapy. SERC, Athens GA May 2015
5. Duda J. Maintenance Therapy in Multiple Myeloma - HOPA Annual Meeting, Austin, TX. March 2015.
6. Duda J. Multiple Myeloma - HOPA Annual Meeting, Austin, TX. March 2015
7. Gibbs H, Efirid L. Successful Research in Clinical Pharmacy. Maryland Society of Health-System Pharmacy Fall Seminar, Maryland. November 2015.
8. Hibino M, Patel R. Turning Angst Into Activity: Solving #20somethingproblems for the Newest Generation of Preceptors. ASHP National Pharmacy Preceptors Conference - Washington, D.C. August 2015
9. Kennedy L. Pharmacy Platform Presentation: Comparison of two preparative regimens for elderly patients receiving autologous stem cell transplant/ASBMT Meeting/San Diego, CA
10. Kennedy L, Barbour S. Best practices of Oral chemotherapy. NC Oncology Pharmacist Association Annual Meeting. August 2015
11. Marlow BA. Primer on Data Infrastructure/ UHC Pharmacy Council Meeting/New Orleans, LA. December 2015
12. McDaniel J, Perry C. The New and Improved Superbugs – So What is Bugging You Now?- AAPA Conference/San Fransisco California. May 2015
13. Sawrey B. Pilot study evaluating a new vancomycin dosing algorithm in pediatric patients. PPAG Annual Meeting. Minneapolis, MN April 2015

Academic appointments

1. Beardsley J. Assistant Professor and Pharmacology Course Director, Wake Forest School of Medicine
2. Doares W. Adjunct Associate Professor, Dept of Surgery, Wake Forest School of Medicine
3. Kaczowski SA. Adjunct Assistant Professor, Dept of Surgery, Wake Forest School of Medicine
4. Perry CJ. Assistant Professor, Department of Physician Assistant Studies, Wake Forest School of Medicine

Awards

1. Carrington JL. 2015 Buxton Williams Hunter Award- awarded annually to a pharmacy student who excels in campus citizenship and scholarship