

Recent Publications, Posters/Presentations, Awards & Resident Projects

Publications

Hoover J, Butterfass C, Ponder A. Letter to the Editor: Screening for Prostate Cancer. Screening for Prostate Cancer. N Engl J Med. 2023 July 6; 389(1):92-94. DOI: 10.1056/NEJMc2305651. PMID: 37407016

Hoover J. Letter to the Editor: Pulmonary Embolism. Pulmonary Embolism. N Engl J Med. 2022 Sep 29;387(13):1242-1243. DOI: 10.1056/NEJMc2210390. PMID: 36170515.

Butt AK, Patel J, Shirwany H, Mirza Q, Hoover J, Khouzam RN. Beneficial Extracardiac Effects of Cardiovascular Medications. Curr Cardiol Rev. 2022;18(2):e151021197270. DOI: 10.2174/1573403X17666211015145132. PMID: 34779371.

Reeves SD, Hartmann AP, Tedder AC, et al. Comparison of Empiric Antibiotic Treatment Regimens for Hospitalized, Non-severe Community-acquired Pneumonia: A Retrospective, Multicenter Cohort Study. Clinical Therapeutics. 2024 Apr;46(4):338-344. doi: 10.1016/j.clinthera.2024.01.009.

Bowden J, Hunt M, Harhay J, et al. Haemophilus parainfluenzae infective endocarditis complicated by multiorgan septic emboli BMJ Case Reports CP 2024;17:e256308.

Wojtowicz J, Bennett J, Woodland W, Berkely S, Thomas-Gosain N. Impact of stewardship intervention on antibiotic prescribing prior to dental procedures in a veteran population, Journal of the American Pharmacists Association, Volume 64, Issue 2, 2024, Pages 380-385

Johnson MC, DNP; Bennett J, PharmD; Kaucher A, PharmD; Davis K, PharmD; Staub M, MD; Thomas-Gosain N, MD Increasing Local Productivity Through a Regional Antimicrobial Stewardship Collaborative Federal Practitioner. 2023 December;40(12)a:412 | doi:10.12788/fp.0441

Staub M, Bennett J, Davis KW, Jansen JW. Population-Specific Urinalysis Parameters are Necessary to Improve Diagnostic Value for Urinary Tract Infection. Clin Infect Dis. 2024 Aug 19;ciae424. doi: 10.1093/cid/ciae424. Epub ahead of print. PMID: 39159051.

Wuerger A, Bowden J, Mitchell A, Marler J. The Effect of Vancomycin and Piperacillin-Tazobactam on Incidence of Acute Kidney Injury in Patients with Obesity. Hosp Pharm. 2023. doi:10.1177/00185787231172388.

Hoover J. Letter to the Editor: Utilization of beta-blockers in patients with portal hypertension and peripheral artery disease. Hepatology. 2024;00:000–000. DOI: 10.1097/HEP.0000000000001008

Mitchell AB, Ryan TE, Gillion AR, Wells LD, Muthiah MP. Vitamin C and thiamine for sepsis and septic shock. Am J Med. May 2020 Layman S, Elliott W, Regen S, Keough L. Implementation of a pharmacist-led transitional care clinic. Am J Health-Syst Pharm. 2020;77:966-971. DOI 10.1093/ajhp/zxaa080

Marler JL, Twilla JD, Finch CK, and Animalu C. Severe Ceftaroline-Induced Thrombocytopenia With Rapid Onset on Rechallenge. Ann Pharmacother. 2020 Feb;54(2):187-188.

Hamilton L, Suda K, Heidel R, McDonough S, Hunt M, Franks A. The role of online learning in pharmacy education: A nationwide survey of student pharmacists. Currents in Pharmacy Teaching and Learning, 2020. DOI: 10.1016/j.cptl.2020.01.026

Hunt M, Yates J, Vega H, Heidel R, Buehler J. Effects of postoperative gastrointestinal motility after neuromuscular blockade reversal with sugammadex versus neostigmine/glycopyrrolate in colorectal surgery patients. Annals of Pharmacotherapy, 2020. DOI: 10.1177/106-002-8020929061

Herndon K, Dewitt A, Gillion A, Pattanaik D. Infusion-related angioedema associated with infliximab-abda: Case report. Am J Health Syst Pharm. 2020 Oct 8;zxaa321. doi: 10.1093/ajhp/zxaa321. Epub ahead of print. PMID: 33031494.

Peters MJ, Ellingson SL, Kimmons LA, Marler JL. Impact of Fentanyl Continuous Infusion Dosing Strategies for Analgesedation on Medication Usage. Hosp Pharm. 2021 Oct;56(5):408-409. doi: 10.1177/001-857-8720925371. Epub 2020 May 22. PMID: 34720136.

- McLean H, Wells L, Marler J. The effect of pre-arrest acid-base status on response to sodium bicarbonate and achievement of return of spontaneous circulation. *Annals of Pharmacotherapy*, 2021. DOI
- Mitchell A, Ness R, Bennett J, Bowden J, Elliott W, Gillion A, Pattanaik D. Implementation and Impact of a Beta-Lactam Allergy Assessment Protocol in a Veteran Population. *Fed Pract*. 2021 September;38(9):420-425.
- Neu DW, Guidry TJ, Gillion AR, Pattanaik DN. Impact of Beta-lactam Allergies on Selection of Antimicrobials in an Inpatient Setting Among Veteran Population. *Military Medicine*, 2021 Mar. doi: 10.1093/milmed/usab004.
- Madasu MK, Thang LV, Chilukuri P, Palanisamy S, Arackal JS, Sheahan TD, Foshage AM, Houghten RA, McLaughlin JP, McCall JG, Al-Hasani R. Peripheral kappa opioid receptor activation drives cold hypersensitivity in mice. *The Journal of Pain*, 22(5), 582. May 2021.
- Marler J, Howland R, Kimmons LA, Mohrien K, Vandigo JE, Jones GM. Safety of Propofol When Used for Rapid Sequence Intubation in Septic Patients: A Multicenter Cohort Study. *Hosp Pharm*. 2022 Apr;57(2):287-293. doi: 10.1177/001-857-87211029547. Epub 2021 Jul 8. PMID: 35601715.
- McLean H, Wells L, Marler J. The Effect of Prearrest Acid-Base Status on Response to Sodium Bicarbonate and Achievement of Return of Spontaneous Circulation. *Ann Pharmacother*. 2022 Apr;56(4):436-440. doi: 10.1177/106-002-80211038393. Epub 2021 Aug 5. PMID: 34353142
- Caviness LA, Wassell KM, Howard-Thompson A. Acute elevation of liver function test values following concomitant administration of dabigatran and primidone. *Am J Health Syst Pharm*, Volume 79, Issue 15, 1 2022, Pages 1250-1254.
<https://doi.org/10.1093/ajhp/zxac>
- Ritter S, Bowden J, Pattanaik D. A case of perioperative anaphylaxis presenting as hereditary alpha tryptasemia. *Ann Allergy Asthma Immunol* 2022. <https://doi.org/10.1016/j.anai.2022.03.011>
- Richmond C, Coveart S. Neutropenia and leukopenia after cross taper from quetiapine to divalproex for the treatment of borderline personality disorder. *Fed Pract*, 2022;36(4). doi:10.12788/fp.0247
- Gales K, Hunt M, Marler J. The association of elevated lactate with multiple vasopressor administration in patients with septic shock: a retrospective cohort study. *Journal of Pharmacy Practice* 2022: 1-8. DOI: 10.1177/089-719-00221128640
- Givens G, Neu D, Marler J. The risk of major bleeding with apixaban administration in patients with acute kidney injury. *Annals of Pharmacotherapy* 2022:1-8. DOI: 10.1177/106-002-80221129831

Posters/Presentations

- Kingston S, Guidry TJ, Ryan T, Bowden J. Efficacy and Safety of Daptomycin Dosing Using Adjusted Body Weight in Obese Veterans. Presented at the American Society of Health-System Pharmacists Midyear Clinic Meeting. Anaheim, CA. December 2023.
- Bennett J, Thomas-Gosain N, Davis K, Hendrickson S, Hulgán T, Parvaz P, Powers C, Read J, Staub M. Assessing the Impact of Collaborate Antimicrobial Stewardship Guidelines on the Use of Antibiotics in Hospitalized Veterans with COVID-19 from Five Veterans Health Administration Hospitals. ID Week October 2023 (Boston)
- Jeong A, Dudek S, Jessica Bennett J, Thomas-Gosain N. Review of Urine Culture Screening Practices Prior to Urologic Procedures. ID Week October 2023 (Boston)
- Han S, Bennett J, Thomas-Gosain N. Diagnostic Stewardship in the ED: Is that Urine Culture Really Necessary? TN ACP Annual Meeting October 2023 (Franklin, TN)
- Liang N, Bennett J, Thomas-Gosain N. The Reality of CoNS. TN ACP Annual Meeting October 2023 (Franklin, TN)
- Ryan T, Thomas-Gosain N, Eason JV, Akalu H, Sharif N, Bennett J. Evaluation of Peri Procedure Antibiotics and Infection Related Hospitalizations After Transrectal Prostate Biopsies. Abstract presented by T Ryan at The Society Of Healthcare Epidemiology Of America (SHEA) Spring 2022 Conference, Colorado Springs, CO.

Roberts G, Akbar B, Bennett J, Mitchell A, Thomas-Gosain N. Evaluation of a Sepsis Alert System at a Veterans Affairs Medical Center. SHEA April 2024 (Houston, TX)

Williams C, Mitchell A, Bennett J, Ponder A. Optimal Weight based dosing of vancomycin to achieve an area under the curve of 400 to 600 stratified by body mass index (BMI). SHEA April 2024 (Houston, TX)

Stegall C, Dao T, Lang N, Bowden J, Mitchell A, Yn L, Zhang Z, Bennett J. Characterization of Blood Culture Ordering Practices at a Single Veterans Affairs Medical Center. ID Week October 2024 (Los Angeles California)

Davis KW, Bennett J, Bowden J, DeJarnett B, Fannin G, Mitchel A, Osborne J, Powers C, Williams C, Williams D, Scheerenberger H, Johnson MC, Kaucher A. Outcomes in Patients with Untreated vs Treated Asymptomatic Bacteriuria within 5 Veterans Affairs Facilities. Society for Healthcare Epidemiology of America Society for Healthcare Epidemiology of America (SHEA) Spring Conference 2024.

Williams C, Mitchell A, Bennett J, Ponder A. Optimal Weight based dosing of vancomycin to achieve an area under the curve of 400 to 600 stratified by body mass index (BMI). Society for Healthcare Epidemiology of America Society for Healthcare Epidemiology of America (SHEA) Spring Conference 2024.

Roberts G, Akbar B, Bennett J, Mitchell A, Thomas-Gosain N. Evaluation of a Sepsis Alert System at a Veterans Affairs Medical Center. Society for Healthcare Epidemiology of America Society for Healthcare Epidemiology of America (SHEA) Spring Conference 2024.

Jackson L, Brandl E, Neu D, Marler J. The Impact of Implementation of a Population Dashboard Tool on Pharmacogenomic Interventions in a High-Risk Veteran Patient Population. Poster Presentation at ASHP Midyear Meeting. December 3-7, 2023.

Williams D, Gust W, Keller S, Marler J. Impact of Switching Antiplatelet Therapy to Treat Stroke in African American Patients Already on Aspirin. Poster Presentation at ASHP Midyear Meeting. December 3-7, 2023.

Jackson L, Gillion A, Marler J. Significance of the Loading Phase Duration of Apixaban on Bleeding Events in Patients Treated for Newly Diagnosed Venous Thromboembolism After Initial Parenteral Anticoagulation Treatment. Poster Presentation at Anticoagulation Forum Conference. April 1-3, 2023.

Jackson L, and Marler J. Top Ten Things Every Clinician Should Know About Pharmacogenomics; iForumRx, University of Mississippi- Commentary and associated podcast, May 2024

Awards

- Preceptor of the Year, University of Tennessee Health Science Center College of Pharmacy, 2012, Jonathan Hoover
- Pharmacist of the Year, Tennessee Society of health-System Pharmacists, 2014, Jonathan Hoover
- Outstanding Young Alumnus for the Year, Union University, 2015, Jonathan Hoover
- Preceptor of the Year, Union University College of Pharmacy, 2015, Jonathan Hoover
- Student Government Association Executive Council Excellence in Teaching Award, University of Tennessee Health Science Center, 2016, Jonathan Hoover
- Preceptor of the Year, Union University College of Pharmacy, 2018, Jonathan Hoover
- Undersecretary of Health Excellence in Pharmacy Practice Award, 2018.
- Tennessee Society of Health-Systems Pharmacists Residency of the Year award, 2019
- Tennessee Pharmacist Association Excellence in Innovation Award, Amanda Gillion, July 2020.
- PBM Clinical Pharmacy Practice Office (CPPO) and Office of Primary Care (OPC) PACT Platinum Practice designation

Resident Research Projects Within the Last Two Years

- Pharmacist-Led Initiative to Increase Guideline-Directed Therapies in Veterans with PAD For short: (PI-PAD study)
- Pharmacist-Led Initiative to Improve Diabetes Management in Patients with Cardiovascular Disease
- Impact of Race on Heart Failure in Veterans on Sacubitril/Valsartan
- Impact of Obesity on Heart Failure in Veterans on Sacubitril/Valsartan
- Optimal vancomycin dosing strategy to achieve AUC 400-600 stratified by BMI
- The impact of switching antiplatelet therapy to treat stroke in AA patients already on aspirin
- The Impact of Implementation of a Population Dashboard Tool on Pharmacogenomic Interventions in a High-Risk Veteran Patient Population

- Outcomes of Pharmacist Utilization of Population Health Management Tools to Identify and Treat Patients with Uncontrolled Hypertension
- Daptomycin Dosing using Adjusted Body Weight versus Actual Body Weight in Obese Patients
- Outcomes of Pharmacist-led Tobacco Cessation Clinic in a Veteran Population
- Effects of GLP1a initiation when added to a baseline regimen which includes insulin
- Changes in PHQ-9 Score After Clinical Pharmacy Practitioner Intervention in Primary Care Mental Health Integration
- Fosfomycin for ESBL UTIs in males (not including pyelonephritis) Clinic
- Beta blockers in Post op Atrial Fibrillation
- Assessment of outpatient gabapentinoids dosing for neuropathic pain
- Pharmacogenomics Guided Clopidogrel Utilization in Veterans Undergoing Vascular Surgery Compared to Usual
- The effect of prescribing metoprolol versus carvedilol therapy on GDMT in heart failure with reduced ejection fraction Care