

JMCGH Pharmacy Residency Manual

Resident Projects

Year	Resident	Title	Comments
2023-2024	Han Na Cho	Implementation and Evaluation of APOTECaChemo in a Community Cancer Center: A Comparative Study of Robotic versus Manual Antineoplastic Preparation	Manuscript published in Journal of Pharmacy Technology
2023-2024	Sydney Duffy	Evaluation of Evidence-Based Community-Acquired Pneumonia (CAP) Order Sets in the Hospital Setting	
2023-2024	Melissa Rinks	Evaluation of Unfractionated Heparin Dosing and Activated Clotting Times During Percutaneous Coronary Intervention	
2023-2024	Ali Thompson	Evaluation of Pharmacist-Reviewed Urine Cultures in Patients Discharged from the Emergency Department	
2022-2023	Kaleb Adams	Evaluation of Current Medication History Process at a Tertiary Care Community Institution	
2022-2023	Minh Dong	Evaluation of the Effectiveness of Calcitonin Education Among Pharmacists On Lowering Calcitonin Usage Within the Hospital System	
2022-2023	Nathan Heitz	Evaluation of Febrile Neutropenia Management in a Tertiary Care Hospital Emergency Department	
2022-2023	Jessie Roberts	Implementing a Meropenem Justification for Use Requirement in a Tertiary Care Community Hospital	
2021-2022	Leanna Estredge	Evaluation of Bayesian Vancomycin Dosing Implementation at Tertiary Care Community Hospital	WTH Research Symposium 2022
2021-2022	Brittany Kelley	Impact of Pharmacist-Reviewed Urine Cultures in Patients Discharged from the Emergency Department	WTH Research Symposium Podium Presentation Finalist
2021-2022	Elliot Lea	Incidence of Acute Kidney Injury in Patients undergoing Percutaneous Coronary Intervention Single-Center Retrospective Observational Cohort Study	Poster Presentation American College of Cardiology Annual Meeting 2022
2021-2022	Kelsey Rowland	Effect of Baricitinib on Overall Length of Stay in Hospitalized Patients with SARS-CoV-2 at a Large Tertiary Care Community Hospital	WTH Research Symposium 2022
2020-2021	Julianna Bolton	Evaluation of Opioid Use Before and After Initiation of an Alternative to Opioids Order Set in the Emergency Department	
2020-2021	Vanessa Gresham	Effect of Remdesivir on Overall Length of Stay in SARS-COV-2 Positive Patients at a Large Tertiary Care Community Hospital	
2020-2021	Fabrice Kamgang	Drug-drug Interaction (DDI) Alerts Evaluation and Optimization	

2020-2021	Prestley Miller	Pharmacist Education of Vancomycin Area Under the Curve/Minimum Inhibitory Concentration (AUC/MIC)- Guided Dosing at a Tertiary Care Health System	
2019-2020	Sophie Dunavant	Evaluation of Opioid Use After Initiation of Multimodal Postoperative Pain Control in Post-Coronary Artery Bypass Graft Surgery	Research Abstract Finalist Presentation ERAS Cardiac Society Virtual Conference 2021
2019-2020	Bethanee Horn	Oncology Boot Camp: A Preparatory Curriculum for Advanced Pharmacy Practice Experience Students	Full manuscript J Oncol Pharm Practice 2021
2019-2020	Hannah Smith	Impact of Pharmacist-Led Counseling on Adherence in the Primary Care Setting	
2019-2020	Aaron Zuller	Impact of Critical-Care Pain Observation Tool (CPOT) Implementation on Analgesic and Sedative Utilization in Mechanically Ventilated Patients	
2018-2019	Tyler Byrd	Evaluation of Reported Beta-Lactam Allergies in Elective General and Orthopedic Perioperative Patients	
2018-2019	Bethany McMackin	Evaluation of Sepsis 1-hour Bundle in the Emergency Department	Poster Presentation ACCP 2019
2018-2019	Kathryn Jones	Impact of Insurance Status on Chronic Obstructive Pulmonary Disease Maintenance Medications	
2018-2019	Hallie Knight	Evaluation of oral morphine administration strategies in term and late preterm infants with neonatal abstinence syndrome	
2017-2018	Justin Emmons	The Shorr Score as a Vancomycin De-escalation Tool in Patients Presenting with Pneumonia	
2017-2018	Jordan Harrington	Evaluation of Infectious Complications Between PPI and H2RA Therapy in post-CABG Patients	Poster Presentation ACCP 2018
2017-2018	Pamela Samford	Analysis of a Pharmacist Driven Hemodialysis Vancomycin Dosing Protocol	Research snapshot- SCCM 2019
2016-2017	Sarah Hurtt	Analysis of the relationship between health literacy and chronic obstructive pulmonary disease (COPD) assessment test scores	
2016-2017	Emily Gateley	Evaluating the impact of a standardized asthma pathway on hospital admission rates and length of stay	
2016-2017	Sonia Carter	Comparison of rates of acute kidney injury with vancomycin/piperacillin-tazobactam vs. vancomycin/meropenem combination therapy	Poster Presentation IDWeek 2017
2015-2016	Anwesa, Chakrabarti	Effect of reduced vancomycin loading doses on vancomycin trough concentrations in critically ill and non-critically ill patients	Poster presentation ACCP 2016
2015-2016	Courtney Guinn	Evaluation of ketorolac safety and efficacy in post coronary artery bypass grafting patients	Podium presentation FACTS-Care CVT Annual Meeting and **Young Investigator Award 2016**

2015-2016	April Ingason	Evaluation of Phenobarbital Use in Patients with Severe Alcohol Withdrawal	
2014-2015	Nhung Dang	basal-bolus insulin regimens in non-critically ill patients	
2014-2015	Alexis Luckey	Evaluation of medication utilization and outcomes associated with implementation of the critical-care-pain observation tool (CPOT)	Research snapshot presentation- SCCM 2016
2014-2015	Steven Maher	Comparison of a pharmacist driven antibiotic de-escalation protocol versus standard practice	
2013-2014	Matt Bibb	Effect of a pharmacist managed intravenous to subcutaneous insulin transition protocol in diabetic ketoacidosis (DKA) patients	
2013-2014	Lacie Hatcher	Effectiveness of intravenous (IV) acetaminophen use in the post-operative setting	
2013-2014	Brad Spencer	Evaluation of sepsis bundle adherence in the emergency department before and after pharmacist-led education and interventions	
2012-2013	Allyson Geary	Evaluating the impact of a pharmacist on the emergency department stroke team	
2012-2013	Connie Sharkey	Comparison of a real-time surveillance dashboard and retrospective chart review in assessing adverse drug events	
2012-2013	Alydia Snyder	Retrospective analysis of rivaroxaban versus enoxaparin for prevention of venous thromboembolism in orthopedic surgery patients	
2011-2012	Hope Glidewell	Evaluation of a pharmacist managed vancomycin protocol in chronic hemodialysis patients	
2011-2012	Christy Waggoner	Evaluation of a pharmacist managed insulin dosing service following IV to SC insulin transition in post-operative CVICU patients	
2010-2011	Liz Underwood	Effect of a pharmacist managed intravenous to subcutaneous insulin transition protocol on post-operative blood glucose in the CVICU	
2010-2011	Jessica Smith	Impact of antimicrobial stewardship software on the number of antimicrobial interventions by pharmacists	