**Resident Research Projects**

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| **Year** | **Resident** | **Residency Project** | **Presentation** |
| 2010-2011 | Jessica Smith, Pharm.D. | Impact of Antimicrobial Stewardship Software on the Number of Antimicrobial Interventions by Pharmacists |  |
| 2010-2011 | Elizabeth Underwood, Pharm.D. | Effects of a Pharmacist-Managed Intravenous to Subcutaneous Insulin Transition Protocol on Post-Operative Blood Glucose in the CVICU |  |
| 2011-2012 | Hope (Glidewell) Welch, Pharm.D. | Evaluation of a Pharmacist-Managed Vancomycin Protocol in Chronic Hemodialysis Patients |  |
| 2011-2012 | Christy Waggoner, Pharm.D. | Evaluation of a Pharmacist-Managed Insulin Dosing Service Following IV to SC Insulin Transition in Post-Operative CVICU Patients |  |
| 2012-2013 | Allyson (Geary) Wunderlich, Pharm.D. | Evaluating the Impact of a Pharmacist on the Emergency Department Stroke Team |  |
| 2012-2013 | Connie Sharkey, Pharm.D. | Comparing a Real-time Surveillance Dashboard and Retrospective Chart Review in Assessing Adverse Drug Events |  |
| 2012-2013 | Alydia Snyder, Pharm.D., | Retrospective Analysis of Rivaroxaban Versus Enoxaparin for Prevention of Venous Thromboembolism in Orthopedic Surgery Patients |  |
| 2013-2014 | Matt Bibb, Pharm.D. | Effect of a Pharmacy Managed Intravenous to Subcutaneous Transition Protocol in Diabetic Ketoacidosis (DKA) Patients |  |
| 2013-2014 | Lacie (Hatcher) Bradford, Pharm.D. | Effectiveness of Intravenous (IV) Acetaminophen Use in the Post-Operative Setting |  |
| 2013-2014 | Brad Spencer, Pharm.D. | Evaluation of Sepsis Bundle Adherence in the Emergency Department Before and After Pharmacist-led Education and Interventions |  |
| 2014-2015 | Nhung Dang, Pharm.D. | Basal-Bolus Insulin Regimens in Non-Critically Ill Patients |  |
| 2014-2015 | Alexis Luckey, Pharm.D. | Evaluation of Medication Utilization and Outcomes Association with Implementation of the Critical Care Pain Observation Tool (CPOT) | Research Snapshot Presentation – SCCM 2016 |
| 2014-2015 | Steven Maher, Pharm.D. | Comparison of a Pharmacist-Driven Antibiotic De-escalation Protocol Versus Standard Practice |  |
| 2015-2016 | Anwesa Chakrabarti, Pharm.D. | Effect of Reduced Vanconycin Loading Doses on Vancomycin Trough Concentrations in Critically Ill and Non-critically Ill Patients | Poster Presentation at ACCP 2016 |
| 2015-2016 | Courtney Guinn, Pharm.D. | Evaluation of Ketorolac Safety and Efficacy in Post Coronary Artery Bypass Grafting Patients | Poster Presentation FACTS-Care CVT Annual Meeting and Young Investigator Aware 2016 |
| 2015-2016 | April Ingason, Pharm.D. | Evaluation of Phenobarbital Use in Patients with Severe Alcohol Withdrawal |  |
| 2016-2017 | Sarah Ayers, Pharm.D. | Analysis of the Relationship Between Health Literacy and Chronic Obstructive Pulmonary Disease (COPD) Assessment Test Scores |  |

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| 2016-2017 | Emily (Gateley) Grissom, Pharm.D. | Evaluating the Impact of a Standardized Asthma Pathway on Hospital Admission Rates and Length of Stay |  |
| 2016-2017 | Sonia Pernia, Pharm.D. | Comparison of Rates of Acute Kidney Injury with Vancomycin/Piperacillin-Tazobactam vs. Vancomycin/Meropenem Combination Therapy | Poster Presentation at ID Week 2017 |
| 2017-2018 | Justin Emmons, Pharm.D. | The Shorr Score as a Vancomycin De-escalation Tool in Patients Presenting with Pneumonia |  |
| 2017-2018 | Jordan Johnson, Pharm.D. | Evaluation of Infectious Complications Between PPI and H2RA Therapy in Post-CABG Patients | Poster Presentation at ACCP 2018 |
| 2017-2018 | Pamela Sanford, Pharm.D. | Analysis of a Pharmacist-Driven Hemodialysis Vancomycin Dosing Protocol | Research Snapshot at SCCM 2019 |
| 2018-2019 | Tyler Byrd, Pharm.D. | Evaluation of Reported Beta-Lactam Allergies in Elective General and Orthopedic Perioperative Patients |  |
| 2018-2019 | Bethany Doss, Pharm.D. | Evaulation of Sepsis 1-Hour Bundle in the Emergency Department | Poster Presentation at ACCP 2019 |
| 2018-2019 | Kathryn Jones, Pharm.D | Impact of Insurance Status on Chronic Obstructive Pulmonary Disease Maintenance Medications |  |
| 2018-2019 | Hallie Knight, Pharm.D. | Evaluation of Oral Morphine Administration Strategies in Term and Late Preterm Infants with Neonatal Abstinence Syndrome |  |
| 2019-  2020 | Sophia Dunavant, Pharm.D. | Evaluation of Opioid Use After Initiation of Multimodal Postoperative Pain Control in Post-Coronary Artery Bypass Graft Surgery | Poster Presentation at 2020 ACCP Virtual Poster Symposium |
| 2019-2020 | Bethannee Horn, Pharm.D. | Oncology Boot Camp: A Preparatory Curriculum for Advanced Pharmacy Practice Experience Students | Poster Presentation at 2020 ACCP Virtual Poster Symposium |
| 2019-2020 | Hannah Smith, Pharm.D. | Impact of Pharmacist – Led Counseling on Adherence in the Primary Care Setting |  |
| 2019-2020 | Aaron Zuller, Pharm.D. | Impact of Critical Care Pain Observation Tool (CPOT) Implementation on Analgesic and Sedative Utilization in Mechanically Ventilated Patients | Poster Presentation at 2020 ACCP Virtual Poster Symposium |
| 2020-2021 | Julianna Bolton, Pharm.D. | Evaluation of Opioid Use Before and After Initiation of an Alternative to Opioids Order Set in the Emergency Department |  |
| 2020-2021 | Vanessa Gresham, Pharm.D. | 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, Pharm.D. | Drug-drug Interaction (DDI) Alerts Evaluation and Optimization |  |
| 2020-2021 | Prestley Miller, Pharm.D. | Pharmacist Education of Vancomycin Area Under the Curve/Minimum Inhibitory Concentration (AUC/MIC)- Guided Dosing at a Tertiary Care Health System |  |
| 2021-2022 | Leanna Estredge, Pharm.D. | Evaluation of Bayesian Vancomycin Dosing Implementation at a Tertiary Care Community Hopsital | WTH Research Symposium 2022 |
| 2021-2022 | Brittany Kelley, Pharm.D. | Impact of Pharmacist-Reviewed Urine Cultures in Patients Discharged from the Emergency Department | WTH Research Symposium 2022 |
| 2021-2022 | Elliot Lea, Pharm.D. | Incidence of Acute Kidney Injury in Patients Undergoing Percutaneous Coronary Intervention | Poster Presentation at 2022 ACC Virtual Poster Symposium |
| 2021-2022 | Kelsey Rowland, Pharm.D. | 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 |