

EMRMC PGY1 Pharmacy Residency Program

Current and past resident research projects

| Year | Residents | Project title |
|---------|---------------------------------|---|
| 2022-23 | Ryan Booth Aaron Adkisson | Impact of baseline procalcitonin ordering in the emergency department on antimicrobial discontinuation in patients with sepsis at a rural community health system |
| 2022-23 | Josh Brown Courtney Sides | Impact of clinical decision support tools on the optimization of ceftriaxone dosing in patients with bacteremia in a rural community health system |
| 2021-22 | Aaron Adkisson Mary Keen | Impact of clinical decision support tools on pharmacist-directed propofol monitoring in the ICU |
| 2021-22 | Courtney Sides Troy Butler | Comparison of Bayesian software versus estimated population kinetic equations to achieve an initial therapeutic area-under-the-curve after vancomycin initiation in an obese population |
| 2020-21 | Troy Butler Hailey Freeman | Efficacy of medication reconciliation tool to prepare pharmacy technicians to detect high-impact medication discrepancies |
| 2020-21 | Mary Keen Ethan Jackson | Evaluation of patient perception and satisfaction of a rapid influenza and streptococcal pharyngitis point-of-care testing service within a community pharmacy |
| 2019-20 | Hailey Freeman Megan Ballard | Evaluation of dual antiplatelet therapy adherence beyond the initial 30-day period after percutaneous coronary intervention |
| 2019-20 | Ethan Jackson Katie Martello | Impact of pharmacist-managed patient self-testing versus traditional in-clinic warfarin management on time in therapeutic range |
| 2019 | Megan Ballard | Evaluation of pharmacist-driven penicillin allergy skin testing |
| 2019 | Katie Martello | Impact of pharmacist review of past urine culture results prior to verification of antimicrobial agent medication order |
| 2017-18 | Stephen Crutcher | The impact of pharmacist-led antimicrobial stewardship on culture review of discharged patients from a community hospital emergency department |
| 2017-18 | Lee Ramsey | Evaluation of the efficacy of an unfractionated heparin dosing protocol in achieving goal range aPTTs in an obese patient population in a community hospital setting |
| 2016-17 | Chelsea Stamper | Impacting antimicrobial stewardship in a community hospital through the use of BioFire FilmArray® technology |
| 2016-17 | Nicholas Wilson | Chronic obstructive pulmonary disease (COPD) discharge prescribing prior to and post implementation of a pharmacist-driven, evidence-based protocol in a rural community hospital setting |
| 2015-16 | Heather Ratliff | Evaluating the efficacy of morphine protocols to treat Neonatal Abstinence Syndrome for a level two nursery in a rural community hospital setting |
| 2015-16 | Patsy Spears | Assessment of appropriate antibiotic selection and duration of therapy for the treatment of urinary tract infections and the impact on readmission in a community hospital |
| 2014-15 | Bethany Marshall | The use of procalcitonin as a marker for clinical infection in a rural community hospital |
| 2014-15 | Kate Morizio | Assessment of acceptance rates of pharmacist interventions and adherence to a pain, agitation, and delirium protocol in mechanically ventilated patients in a rural community hospital |
| 2013-14 | Kortney Brown | Effectiveness of an Antimicrobial Management Team in reducing inappropriate use of selected antibiotics in a rural community hospital |
| 2013-14 | Kelsey Micka | Determining the sensitivity and specificity of a current sepsis screening tool at a rural community hospital |
| 2012-13 | Tara Neitzel | Impact of state-required controlled prescription database on prescribing practices in a community hospital emergency department |
| 2012-13 | Diane Wigginton | Evaluating current perceptions and barriers to effective transition of care communication between community and hospital pharmacists |
| 2011-12 | Aaron Sizemore | Evaluation of patient reported allergies in the electronic medical record and its effect on antimicrobial drug selection |
| 2011-12 | Jeremy VanHoose | Evaluation of intravenous acetaminophen after total hip and total knee arthroplasty |
| 2010-11 | Lindsay Villalobos | Evaluating baseline monitoring parameters for monitorable drugs in an inpatient setting |