

Pharmacy Student Summer Research Fellowship Proposal for 2021

FACULTY INFORMATION:

NAME: Holly Maples

DEPARTMENT: Pharmacy Practice

LOCATION: Arkansas Children's

PROJECT INFORMATION:

TITLE: Antimicrobial Stewardship in the Pediatric Outpatient Arena

LOCATION OF THE PROJECT: Arkansas Children's

BRIEF DESCRIPTION OF THE PROJECT:

The antimicrobial stewardship program at ACH is expanding from inpatient to the outpatient setting all across the state! We continue to see a rise in antibiotic resistance even to the most common pediatric infections like skin and soft tissue, urinary tract, otitis media, and even meningitis! This is an exciting opportunity to be a part of the building blocks of this program as we move forward taking an initial look at how antibiotics are currently being used and where we can place an intervention (education- both provider and patient, pathway/order set). There are many opportunities to focus this quality improvement research project.

STUDENT'S RESPONSIBILITIES-DUTIES IN THE PROPOSED PROJECT:

The student will be a part of the research project proposal development and submission to the IRB. The student will also assist in development of a data collection tool, collect data, and analyze! You will be a part of a multi-disciplinary team! Goals will be to submit this data to a national meeting for presentation and possibly a manuscript. All of this is not possible in a 10 week summer session, but further opportunity afterwards may be available as a research work study student, elective credit during future semesters, or an APPE rotation in research. Looking for students who are interested in clinical practice and wanting to be a part of making an impact in either infectious diseases and/or kids lives!

ESTIMATED TIME FOR PROJECT COMPLETION: ___10+___ weeks (see explanation above)

DOES THE WORK INVOLVE ANIMAL RESEARCH? NO ----X-----

ORAL/POSTER PRESENTATION OPPORTUNITY: Yes...Nationally

MANUSCRIPT SUBMISSION: Possible journal names for this work to be submitted: Pediatric Infectious Diseases Journal, Journal of Pediatric Infectious Diseases, Pediatrics, Rural Health