

Pharmacy Student Summer Research Fellowship Proposal for 2022

FACULTY INFORMATION:

NAME: Holly Maples

DEPARTMENT: Pharmacy Practice
 Pharmaceutical Sciences

LOCATION: Arkansas Children's Hospital and UAMS COP

PROJECT INFORMATION:

TITLE: Improving antibiotic utilization and patient outcomes in children in the inpatient and outpatient setting utilizing quality improvement and implementation science

LOCATION OF THE PROJECT: Arkansas Children's

BRIEF DESCRIPTION OF THE PROJECT:

There are multiple project opportunities for the student to possibly be involved with: these include assessing the impact of health disparities on antibiotic prescribing practices in children in Arkansas; Measuring the impact of a community acquired pneumonia pathway/order set on provider's 3rd generation cephalosporin usage; developing baseline data of antimicrobial usage in the outpatient setting to determine where to focus education and other strategies for improvement-this can lead to the students long term project if they choose to stay on as a work study student after the 10 week fellowship is over.

STUDENT'S RESPONSIBILITIES-DUTIES IN THE PROPOSED PROJECT

The student will be responsible for helping to develop their project proposal and submit to the IRB. They will work in conjunction with other students on projects in the areas of developing data base collection tools, chart review, data analysis, abstract development for national meeting with presentation.

ESTIMATED TIME FOR PROJECT COMPLETION: __10+__ weeks

DOES THE WORK INVOLVE ANIMAL RESEARCH? YES
 NO

ORAL/POSTER PRESENTATION OPPORTUNITY:

Yes-It is expected that every student will participate in a national poster presentation and will be a part of manuscript development.

MANUSCRIPT SUBMISSION:

Yes- the student will be a part of manuscript(s) development