

# Pharmacy Student Summer Research Fellowship Proposal for 2020

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## ***FACULTY INFORMATION***

**NAME:** Gavin D. Jones, PhD, PharmD, BCPS, BCCCP

**DEPARTMENT:** Pharmacy Practice

**LOCATION:** UAMS Medical Center Dept of Pharmacy and Therapeutics

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## ***PROJECT INFORMATION***

**TITLE:** Vancomycin usage in the Emergency Department

**LOCATION OF THE PROJECT:** UAMS Medical Center Dept of Pharmacy

### **BRIEF DESCRIPTION OF THE PROJECT:**

Vancomycin is ordered on patients that present to the emergency department with presumed sepsis oftentimes unnecessarily. Anecdotally, at this time vancomycin stewardship in the emergency department is lacking. The impetus of this project is to be better stewards of vancomycin and analyze the usage. The data collected will be time to discontinuation, 24-hour disposition of the patient, and any positive cultures among other metrics. It is envisioned that upon the completion of this project, the data will be shared with emergency medicine leadership and improved decision tools could be developed.

### **STUDENT'S RESPONSIBILITIES-DUTIES IN THE PROPOSED PROJECT:**

The student will work with autonomy collected data on a set group of patients. The student should have a decent understanding of Microsoft Excel, EPIC EMR access, and CITI training. I will teach the student how to collect the data.

**ESTIMATED TIME FOR PROJECT COMPLETION:** 6-8 weeks

**DOES THE WORK INVOLVE ANIMAL RESEARCH?** No

**ORAL/POSTER PRESENTATION OPPORTUNITY:** Definite presentation to EM leadership and likely poster presentation at AHP Fall Seminar and ICARE conference.

**MANUSCRIPT SUBMISSION:** Possible journal names for this work to be submitted: TBD based on data outcomes.