

Pharmacy Student Summer Research Fellowship Proposal for 2022

FACULTY INFORMATION:

NAME: Rachel Stafford, PharmD, and Lindsey Dayer, PharmD, BCACP

DEPARTMENT: Pharmacy Practice

LOCATION: ED II

PROJECT INFORMATION:

TITLE: Development of MyDispense simulations for COP curriculum (didactic and IPPEs)

LOCATION OF THE PROJECT: College of Pharmacy (EdII)

BRIEF DESCRIPTION OF THE PROJECT:

This project will develop patient cases for the COP curriculum to aid in the education of community and institutional IPPEs and real life scenarios through the use of a novel tool: MyDispense. Cases will focus on dispensing accuracy, error identification, and resolution as well as several areas of the JCPP Pharmacist Patient Care Process.

MyDispense is a virtual pharmacy simulator that allows learners to interact with patients through information gathering, fact finding, and counseling. It also offers a full dispensing experience in the community or institutional setting. See a demo of the platform here:

<https://www.youtube.com/watch?v=opzl0abl0GM>

STUDENT'S RESPONSIBILITIES-DUTIES IN THE PROPOSED PROJECT:

Students will help generate a research question by reviewing the available literature and aiding in creation of a study design. Students will then help develop and implement multiple simulations with MyDispense to be utilized throughout the didactic pharmacy curriculum in order to better prepare student pharmacists for their experiential coursework (P1 Community IPPE, P2 Institutional IPPE, APPE).

Development will include meeting with real-life practitioners to gather case ideas. Implementation will include building of the cases in the actual platform. Students will also help prepare data for data collection. Interested students may continue working with study faculty to analyze and evaluate data past the fellowship timeline.

ESTIMATED TIME FOR PROJECT COMPLETION: 8-10 weeks

DOES THE WORK INVOLVE ANIMAL RESEARCH? YES ----- NO ---XX-----

ORAL/POSTER PRESENTATION OPPORTUNITY: Yes

MANUSCRIPT SUBMISSION: Possible journal names for this work to be submitted: Currents in Pharmacy Teaching and Learning (CPTL), American Journal of Pharmaceutical Education (AJPE)