

TITLE:

Design Your Own Project - Utilization of Laboratory Testing

FACULTY MENTOR NAME, EMAIL PHONE NUMBER

Stacy G. Beal, MD
Office: 352-594-4952
StacyGBeal@ufl.edu

FACULTY MENTOR DEPARTMENT

Department of Pathology, Immunology, and Laboratory Medicine

RESEARCH PROJECT DESCRIPTION

I would like to work with students to develop projects based on their interests. Appropriate laboratory test utilization is a big area of current investigation. Students can develop projects to assess the appropriateness, validity, and clinical correlation with laboratory tests in any area. For instance, a student who is interested in Internal Medicine could examine any number of new analytes; a student interested in Critical Care could examine the use of lactate dehydrogenase; a student interested in OB/GYN could examine our use of fetal lung maturity testing; a student interested in Emergency Medicine could investigate lab tests performed on a patient with a certain condition. There are many, many options, not at all limited to these.

The medical student would mainly perform this project by doing Epic chart reviews. There would also be interaction with experts in the field that they choose to investigate – for instance, if they look into tests performed in the ED, they would interact with ED physicians in addition to myself to understand the usefulness of the tests and how/when they are ordered.

This project would certainly lead to a poster at any number of meetings within a particular field or a Pathology meeting, and a full manuscript as well. You will be the lead author on the poster and paper. You should plan to meet with me at least once every ~2 weeks but arrangements can be made if you choose to spend time outside of Gainesville. You will shadow in the lab at least one day to see how the test is designed and performed. Additional clinical lab (not research lab) experience can be arranged. **You are expected to complete all data collection and analysis, design the poster, and write up a manuscript within the allotted time period.**