

Open Position(s) for Undergraduates in the Stoppel Lab for Fall 2018 onward

The Stoppel Lab in the Chemical Engineering department is seeking energetic, self-motivated biomedical or chemical engineering undergraduate students to work in the lab. Preference will be given to those who are interested in doing an honors or departmental thesis, with a planned graduation date of May 2020 or later. The student will work on optimizing decellularization protocols for obtaining extracellular matrix from fetal pig tissues via methodologies published in the literature for adult tissues. The goal will be to evaluate resulting mass loss and protein composition as a function of decellularization method. In addition, the student will be trained in scientific communication through participation in lab meetings, writing and editing of scientific manuscripts, and oral presentations. The undergraduate student will be expected to attend lab meetings when possible and participate in lab activities, such as outreach events. It is recommended that students have completed one semester or session of courses on campus prior to starting undergraduate research simply so that the student has time to adjust and find their way. Specific course work is not required, though students are encouraged to take a biology course, have a mastery of excel or other data analysis software, and understand general principles behind the research/scientific method (e.g., general chemistry labs, biology labs, or physics labs). Interested students are encouraged to submit an application by September 15, 2018. Applications can be found here: <https://www.stoppellab.org/labmembers.html>. After receipt of the application, Dr. Stoppel will contact you via email with further information.

Undergraduate students who formally join the Stoppel Lab are encouraged to register for 0-1 credit of EGN 4912 Undergraduate Research for their work in the lab (https://www.che.ufl.edu/PDF/CurrentUnderGradStudents/EGN_4912_Res_App_Only.pdf) and will be expected to spend on average, 8-10 hours a week on lab-based activities. Should the student register for more credit hours (≥ 2), the expectations for the student will increase, including a more formalized end-of-the-semester written document. Dr. Stoppel will work with students interested in completing an honors thesis to determine appropriate timelines and develop independent work habits as needed. Students should check out <https://cur.aa.ufl.edu/> for more information on working in a lab as an undergraduate and <https://www.eng.ufl.edu/students/resources/undergraduate-student-handbook/graduating-with-honors/> for more information on the honors program.