The Haswell Lab loves undergraduate researchers! Please schedule an appointment to talk with Prof H if you have any interest in research in our lab, or research in general. You can contact her at ehaswell@wustl.edu.

Specific Requirements for Bio200/500 Credit:

- 10 hrs/week physically in the laboratory, ideally in large blocks of time. Talk to Prof H and your mentor to set up your weekly schedule.

- Additional time to read, write your abstract, and prepare your lab meeting presentation (see below). This expectation is factored into the 3 credits.

- Develop your research project in collaboration with Prof H and your bench mentor. Typically, we discuss a few potential projects, and the student can choose the one that sounds the most interesting. You are always welcome to make suggestions and to help decide on next experiments!

- A written abstract of approximately 500 words is due at the start of every semester. The final version should be submitted to Prof H as well as to the Bio500/200 course coordinator.

- Before starting any labwork, you MUST review lab safety with the lab safety officer and pass an online exam.

- Meet every two weeks with Prof H and bench mentor to discuss progress, troubleshooting, and next steps.

- At the end of the semester, you will present a 30-minute PowerPoint summary of your work to the lab, usually during reading week. This can be scheduled during normal lab meeting times or we can hold a special lab meeting if that’s not possible. A complete draft of the slides to be used should be sent to Liz no less than 3 days before the presentation.

General Expectations:

An UG researcher in the Haswell lab is expected to:

- Follow lab procedures and protocols as outlined in the lab protocol book. You will either get a hard copy or can find a PDF at https://pages.wustl.edu/haswell/lab-manual.

- Keep a record of experimental design, results, and interpretation in a lab notebook. Detailed instructions can be found in the section of the lab protocol book titled “Keeping a Lab Notebook”.

-Read papers and textbook entries relative to the project. You are encouraged to ask your bench mentor and Prof H questions, especially at first, but eventually you will take more ownership and develop the independence to design, execute, and interpret your own experiments.

-Engage in their project, listen to their mentor, and take responsibility for understanding protocols, controls, and interpretation of outcomes.

-Communicate with bench mentor and Prof H about any changes to weekly schedule as soon as reasonable.

Other comments:

-You are welcome to attend our weekly lab meetings and journal clubs, but it is not at all required or expected.

-Please note that your bench mentor is taking time out of his or her schedule, and away from working towards their own goals, to train you.

-If your bench mentor is not available at any point while you are in the lab, please feel free to ask questions of Prof H or other members in the lab. The Haswell Lab is a TEAM!

-The Haswell Lab has a zero-tolerance policy for harassment and discrimination. We aim to provide a safe and productive environment that promotes equal opportunity and treatment for all members. Offensive or unwelcome speech, intimidation, stalking, inappropriate physical contact, and unwelcome attention will not be tolerated and should be reported to Prof H immediately. Scientific disagreements must be conducted in a respectful manner.

-See https://pages.wustl.edu/Bio_200-500_independent_research/bio-200500-course-information-page for more information about getting credit for undergraduate research.

-Twice a year there is the opportunity to present your research in a poster at the WUSTL Undergraduate Research Symposium, and we would be glad to help you prepare for this. Read more at https://undergradresearch.wustl.edu/symposium.