WY INBRE Summer 2025 Research Experience for Undergraduates (REU) in MOLB for WY Community College transfers (2 positions available)

Apply ONLINE by Friday March 7, 2025 MST.

Two UW (Laramie campus) labs in the Dept of Molecular Biology are offering unique summer 2025 research experiences for undergraduates for WY community college students completing their associates degree and transferring to the University of WY in fall 2025. The 10-week internship runs from May 19th to July 25th and culminates with the INBRE Summer Research Symposium on Thursday July 24th when you will present your research. The internship award is up to $6400 for 10 weeks (400 hours max at $16/hr). This is a full-time commitment, and you must be transferring to UW in Fall 2025 from a WY Community College.

You will conduct guided research, attend lab meetings and meet regularly with your faculty mentor for help in experimental planning, data analysis, and trouble shooting. As an INBRE intern you will be included in the UW INBRE summer undergraduate researcher cohort and expected to attend weekly meetings that include building resilience/well-being and professional development.

Click on the Professor's name below to look at their research website. Selected applicants will be asked to interview for the position with their prospective faculty mentor.

Jason Gigley

The Gigley lab is investigating the development of the immune response to infectious disease and works specifically on understanding the biology of the protozoan parasite Toxoplasma gondii and how this affects immune responses required to protect the host (mouse model). As an intern you will spend ~20 hours a week working on a specific research project and ~20 hours a week on mouse and animal facility maintenance.

David Fay

The Fay Lab seeks to understand fundamental molecular mechanisms that underly cell functions and animal development from worms to humans. We do this by studying free-living microscopic nematodes, C. elegans, which are extraordinarily amenable to many different kinds of laboratory studies including genome editing and advanced microscopic techniques. The nature of our approaches has led us in many unexpected directions over years, as we prefer to follow the biology wherever it takes us.

If interested please reach out to Dr. Jason Gigley at jgigley@uwyo.edu or Dr. David Fay DavidFay@uwyo.edu with questions about their research.
Contact Dr. Annie Bergman with questions about the research program logistics and application.

The application and faculty reference letter are due ONLINE by Friday March 7, 2025, 5 pm MST.
Submit your application on this link: UW Summer 2025 INBRE REU APPLICATION
Your application will include your CV/resume, college transcripts, and letter of intent explaining your interest in biomedical research and in pursuing a career or professional school in a biomedically-related field. Please be ready to submit your requested documents in PDF format.
Faculty will submit their reference letter on this link: UW Summer 2025 INBRE REU Faculty Reference Letter.

We cannot consider incomplete or late applications.