

Internship for Graduate Students and Post-doctoral Researchers

Hosted by the:

IDeA National Resource for Quantitative Proteomics

The Internship Program is designed to provide a unique opportunity for the next generation of scientists to explore an alternative career option in biomedical research by gaining experience in a national resource and core facility environment. Each year 2 graduate students and/or post-doctoral researchers will be selected to spend 2-weeks during the fall semester on-site at the National Resource. This internship will provide exposure to daily operations and best business practices in a national resource environment. Applicants should have current, ongoing research that would benefit from an in-depth quantitative proteomics analysis and have interest in exploring a career in a proteomics resource or other research core facility. Awardees will design an experiment and submit proteomics samples related to their project.

Mission:

- Provide on-site training to graduate student or post-doctoral researchers in state-of-the-art proteomics workflows (sample prep, data collection, and bioinformatics)
- Inform graduate students or post-doctoral researchers of alternative career options in research core facilities

Logistics:

- Travel, lodging, meals, and one quantitative proteomics analysis is included
- 32-hour interactive, hands-on experience over a 2-week stay at the IDeA National Resource for Quantitative Proteomics located in Little Rock, Arkansas
- Interns will work through all 3 phases of workflow and will orally present the results of their project to the National Resource team at the end of their stay

Requirements:

- Interested applicants will be required to participate in a pre-submission consultation to discuss career goals and to communicate information on the internship opportunity.
- Open to current graduate students or post-docs from academic laboratories across the United States who have an active research project aligned with the mission of the National Institute for General Medical Sciences (NIGMS)
- Applications from those underrepresented, under-resourced, or from diverse backgrounds are encouraged
- Applications will be electronic and made through a Piestar portal [Click here to apply](#)
- Only one award per laboratory per year
- Samples must be ready for analysis by August 15 2025 and the visit to the core completed by December 15 2025.

Important dates:

- Initial Consult due date: April 5 2025
- Applications due: April 15 2025
- Award notification: May 1 2025

Direct questions to Proteomics_Internship@uams.edu



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