IDeA National Resource for Quantitative Proteomics

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:

- 32-hour interactive, hands-on experience over a 2-week stay at the IDeA National Resource for Quantitative Proteomics located in Little Rock, Arkansas.
- Travel, lodging, meals, and one quantitative proteomics analysis are provided.
- 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 will be electronic and made through a Piestar portal. Click here to apply.
- Samples must be ready for analysis by August 15th, 2027 and the visit to the core completed by December 15th, 2027.

Important dates:

- Initial Consult due date: April 5, 2027
- Applications due: April 15 2027
- Award notification: May 1, 2027

Direct questions to Proteomics_Internship@uams.edu

Sponsored by the IDeA National Resource for Quantitative Proteomics (R24GM137786)

Sponsored in-part by ThermoFisher SCIENTIFIC