

PROTEOMICS SPECIALIST

National Resource for Translational and Developmental Proteomics

Proteomics Center of Excellence

Northwestern University

Evanston, IL & Chicago, IL

General Job Description:

We are presently seeking disciplined and highly self-motivated individuals to join as Proteomics Specialists in the National Resource for Translational and Developmental Proteomics at Northwestern University, Evanston and Chicago, IL. A successful candidate will have a solid understanding of proteomics techniques acquired from their prior research experience. A successful candidate will work within a highly collaborative team to develop new mass spectrometric technology and methods and to apply those methods to research projects in collaboration with basic and translational scientists at Northwestern University and across the country.

Primary duties and responsibilities:

- Operate and maintain high-resolution tandem mass spectrometers such as the Thermo Fisher Scientific Fusion Lumos, Velos Orbitrap Elite and Q-Exactive platforms with the accompanying nano-liquid chromatography systems.
- Develop and apply new strategies for sample preparation and analysis together with coworkers and collaborators.
- Analyze data and present interpretations in group meetings and publish research in peer reviewed journals.
- Contribute to grant and report writing within the research center.
- Instruct other staff and collaborators in advanced techniques for protein analysis by mass spectrometry.
- Guided research in technology development for top-down proteomics will be strongly encouraged.

Qualifications:

Ph.D. or equivalent doctorate with at least 3 years' experience or Master's degree in biology, chemistry with at least 5 years' experience is required.

Five or more years' experience with protein/peptide separation and analysis by liquid chromatography - mass spectrometry is required. Experience with Thermo LCMS systems desired. Experience in Top-Down Proteomics is strongly preferred, but not required for highly qualified applicants.

To Apply:

Applicants should submit complete application to pce@northwestern.edu, please include in Subject the title of the job you are applying:

- 1) Cover letter highlighting qualifications
- 2) Current curriculum vitae
- 3) Names and addresses of three references

As per Northwestern University policy, this position requires a criminal background check. Successful applicants will need to submit to a criminal background check prior to employment.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes including veterans and individuals with disabilities.