Pacific Northwest National Laboratory (PNNL) is a world-class research institution powered by a highly educated, diverse workforce committed to the values of Integrity, Creativity, Collaboration, Impact, and Courage. Every year, scores of dynamic, driven people come to PNNL to work with renowned researchers on meaningful science, innovations and outcomes for the U.S. Department of Energy and other sponsors; here is your chance to be one of them!

At PNNL, you will find an exciting research environment and excellent benefits including health insurance, flexible work schedules and telework options. PNNL is located in eastern Washington State—the dry side of Washington known for its stellar outdoor recreation and affordable cost of living. The Lab’s campus is only a 45-minute flight (or ~3 hour drive) from Seattle or Portland, and is serviced by the convenient PSC airport, connected to 8 major hubs.

The Earth and Biological Sciences Directorate (EBSD) leads novel and necessary research in three core areas: Atmospheric and Climate Sciences, Biological Sciences, and Environmental Molecular Sciences. The contributions of EBSD staff are many as we continue to elevate the impact of PNNL's science mission: to understand, predict, and control the complex adaptive systems underlying the science behind Earth, energy, and security.

The Integrative Omics research group at Pacific Northwest National Laboratory seeks a senior scientist who focuses their research on the development of innovative molecular measurement strategies to collaborate on the leadership of its future metabolomics and lipidomics capability development and application. The Integrative Omics group develops and applies diverse techniques for mass spectrometry-based omics technologies in studies of health and disease, the environment, and general systems biology. Particular strengths are applications involving very small sample sizes and high-throughput processing of very large numbers of biological samples.

We are seeking a growing leader with an established track record in funded programs and a developing reputation for innovation in metabolomics and lipidomics capability development and high throughput applications for answering key questions in a variety of biological systems, including both human and environmental. The successful candidate will be expected to establish a vibrant and cutting-edge metabolomics and lipidomics research program within the Integrative Omics group, but also include collaborations, team building, and vision development across other organizations at PNNL. The candidate should have demonstrated the ability to build, enhance and grow cross-organizational teams to generate wholes that are greater than the sum of the parts. The candidate should understand the physical operating principles of a variety of analytical instrumentation, and utilize domain and instrumentation knowledge to enable their understanding of how aspects of experiments may impact data analysis and interpretation including the development of reference-free metabolomics measurements.

Minimum Qualifications:

- BS/BA with 7 years of experience
- MS/MA with 5 years of experience
- PhD with 3 years of experience
Preferred Qualifications:

- PhD in analytical chemistry, biochemistry, chemical engineering, or related field, with 8+ years of experience.
- Skilled professional who can independently apply, on a broad basis, existing theories, principles, and concepts within the field of analytical chemistry and omics measurements.
- An established Principal Investigator (PI) with a sustained track record of independent research funding.
- Demonstrated ability to lead teams of scientists and manage complex projects.
- A national or international reputation in their scientific community with sustained track record of disseminating research through peer-reviewed publications, invited presentations, etc.
- Strong communication skills and ability to work both independently as well as in interdisciplinary group settings with internal and external collaborators.
- Skills consistent with the state of the art.

For more information and/or to apply, please visit:

Questions? Please contact Kim Willer at kimberly.willer@pnnl.gov