



DALHOUSIE
UNIVERSITY

Biological Mass Spectrometry Research Associate

We seek an ideal candidate for a Regular Grant-Paid Employee position, as **Biological Mass Spectrometry Research Associate**, in the Bertrand Lab in the Biology Department at Dalhousie University. The position is fully funded for three to five years with possibilities for extension.

Duties will include: coordination and execution of protein and vitamin analysis in marine microbial samples via liquid chromatography- mass spectrometry (LC-MS) and mass spectrometry imaging. Specifically inclusive of:

- Method development and refinement
- LC-MS system upkeep and maintenance
- Peptide and metabolite sample processing
- Data analysis
- Possible sea-going or coastal field work
- Coordination with students and postdocs for optimal use of laboratory facilities and instrumentation

Qualifications: MSc in chemistry or a related field and practical experience in liquid chromatography- mass spectrometry for protein, peptide and/or metabolite analysis is required. Experience with mass spectrometry imaging (e.g. MALDI-MS, ToF-SIMS) and/ or sea-going oceanographic field work is desirable. The ideal candidate will be self-motivated, independent, curious, diligent, detail-oriented, and willing to work collaboratively as part of a growing team.

Salary will be commensurate with qualifications and experience. The successful candidate will be eligible for benefits through Dalhousie University.

Please submit a CV, names and contact information for three references, and a cover letter detailing your interest in and qualifications for this position to: Erin Bertrand at erin.bertrand@dal.ca. Applications will be accepted until May 8th or until the position is filled. Please note that not every applicant may be contacted unless short-listed for an interview.

More information on the Bertrand Lab can be found at

<https://www.dal.ca/faculty/science/biology/faculty-staff/our-faculty/erin-bertrand.html>

Dalhousie University is located in Halifax, Nova Scotia and is home to Canada's Ocean Frontiers Institute https://www.dal.ca/research/centres_and_institutes/ofi.html

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from qualified Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientation and gender identities, and all qualified candidates who would contribute to the diversity of our community.