



UNIVERSITY OF ALBERTA
Department of Biological Sciences

**Tenure-track position in Plant Genomics
Assistant/Associate Professor**

The University of Alberta invites applications for a tenure-track position at the Assistant or Associate Professor level Department of Biological Sciences in the Faculty of Science. We are seeking an excellent candidate whose innovative research focuses on the biology of plants or plant systems, including areas such as biochemistry, development, physiology, molecular biology, and plant interactions with other organisms. We view plants and plant systems broadly, including vascular, non-vascular and non-seed plants, algae, and plant-microbe or plant-fungal interactions. Candidate's research will include a genomic dimension; we particularly welcome applicants with demonstrated research strengths in functional genomics techniques that include but are not limited to transcriptomics, metabolomics, proteomics, epigenomics and/or metagenomics. Expertise in bioinformatics is considered a complementary asset, as is evidence of cross-disciplinary collaboration in fields such as evolutionary developmental biology and quantitative or population genomics. The appointment will be normally made at the Assistant or Associate Professor level.

The Department of Biological Sciences (<https://uofa.ualberta.ca/biological-sciences>) comprises over 65 faculty members conducting research and teaching across scales of biological organization – from molecular to global – and geological time. The successful candidate will be expected to contribute to a vibrant, forward-looking Department through teaching in the Department's undergraduate and graduate programmes; building upon their expertise to develop an independent, original, externally funded research programme that includes the ability to recruit and supervise undergraduate and graduate students; and contributing to a collegial environment through service. The successful candidate will augment the Department's existing strengths in Plant Biology. The Department houses outstanding facilities for conducting research in genomics, including plant growth facilities, a microscopy unit equipped with confocal and electron microscopes, and a molecular biology service unit housing liquid handling robots, next generation sequencers, real-time PCR, and liquid chromatography-tandem mass spectrometry instrumentation.

Applicants must hold a PhD in the biological sciences or related field, with postdoctoral experience in a discipline relevant to plant biology and functional genomics. The successful candidate will have a strong publication record demonstrating exceptional research expertise in plant biology and genomics, and show the ability or potential to obtain external funding from different programmes or sources to develop a strong research programme. The successful candidate will have the ability to teach courses in topics such as plant biology, biochemistry, molecular biology, and genomics. Prior experience in teaching and mentorship is highly desirable. An outstanding candidate will be invited by the Dean, Faculty of Science, to apply for a Canada Research Chair at the Tier II level.

(www.chairs-chaire.gc.ca)

Candidates should electronically submit a curriculum vitae, a two-page summary of research interests, a one-page statement of teaching interests, and reprints of their three most significant publications to recruitment1@biology.ualberta.ca. Please arrange for three letters of reference to be sent to the attention of the Chair to recruitment1@biology.ualberta.ca

All correspondence should be addressed to:

Dr. Michael Caldwell, Chair
Department of Biological Sciences
CW405 Biological Sciences Building
University of Alberta
Edmonton, AB Canada T6G 2E9

Closing Date: December 23, 2015
The effective date of employment will be July 1, 2016

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal peoples.