

### Canada Research Chair (CRC) Tier 2 in Metabolomics

The Schulich School of Medicine & Dentistry at The University of Western Ontario invites applications for a Tier 2 Canada Research Chair (CRC) in Metabolomics. The successful candidate will be appointed to a full-time probationary (tenure-track) appointment at the rank of Assistant Professor or Associate Professor, probationary or tenured. The rank and tenure status will be commensurate with qualifications and experience. The successful candidate will be appointed to the department that most appropriately fits their expertise with potential cross appointment(s) in other relevant departments.

Metabolomics is an area of research that can be used to study both healthy populations as well as many different acute and chronic diseases and the goal of this position is to build capacity and leadership in this critical research area. Identifying, characterizing and following the small molecules in populations and patient cohorts provides a functional readout on the combined molecular, cellular and system-wide processes. The ideal candidate for this position will have a strong research program focused on any area of metabolomics research and should also demonstrate a strong technical ability to acquire, set up and maintain shared instrumentation.

The successful candidate will hold a PhD with advanced training in biochemistry, chemistry or closely related area and a demonstrated ability to both drive their own independent research program as well as collaborate with other researchers. The successful candidate's research interests will be supported by a record of impactful and significant publications and research accomplishments as assessed by the principles of DORA. They should be a recognized early career national or international leader as exemplified by invited lectures and/or conference symposia as appropriate for their discipline and career stage. Demonstrated ability to secure career-stage appropriate external peer-reviewed funding (e.g., CIHR, NSERC, NIH etc.) would be an asset. Successful candidates will have a record of incorporating EDID principles into their research, teaching and/or mentorship.

In accordance with the [CRC program](#) for Tier 2 Chairs, candidates must be exceptional emerging world-class researchers (i.e., candidates must have less than 10 years of experience as an active researcher in their field at the time of nomination) who have demonstrated particular research creativity and have demonstrated the potential to achieve international recognition in their fields within five to ten years. As chairholders, candidates must have the potential to attract, develop and retain excellent trainees, students and future researchers, and be proposing an original, innovative research program of high quality. Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as pregnancy, parental, extended sick leave, clinical training, etc.) may contact [ResearchWesternCRC@uwo.ca](mailto:ResearchWesternCRC@uwo.ca) to have their eligibility for a Tier 2 Chair assessed through the program's [Tier 2 justification process](#).

Western recognizes the potential impact that legitimate career interruptions can have on a candidate's record of research achievement. Potential candidates are encouraged to explain within their application the impact that career interruptions have had and to submit a full career or extended CV.

The Schulich School of Medicine & Dentistry has emerging and established research foci in sustainable healthy aging, infection and immunity, cancer research and neurobiology. Within this context there is a special emphasis on biomedical research and teaching with a focus on human health and disease. Relevant to this CRC position, the Basic Medical Science and Clinical Departments within Schulich provide key support and expertise in basic, clinical, and applied aspects related to the biochemistry, cellular physiology and molecular biology of cells, microorganisms, and systems. The Faculty supports excellence in: Research and scholarship; Training and mentorship of undergraduate students, graduate students, and post-doctoral/clinical fellows by providing hands-on, technical laboratory and research experience; and Teaching of undergraduate Bachelor of Medical Science (BMs) students, graduate students and professional students in Medicine and Dentistry.

The Schulich School of Medicine & Dentistry is home to several research facilities and state-of-the-art core facilities at Western that have been revitalized through recent major investments. At the molecular level, the School has the London Regional Genomics facility that support genomics and transcriptomics at the single cell level; the BioCORE that contains facilities for Mass Spectrometry for proteomics, NMR facilities for both protein and small molecule characterization and facilities for biophysical characterization of proteins and metabolites; and the Flow Cytometry and the Molecular Pathology Core. At the macro level these facilities include a Biomedical Research Facility for animal housing, an Animal Cognition and Behavioural Neuroscience Core, a Translational Imaging Research Facility, and an Imaging Pathogens for Knowledge Translation (ImPaKT) Facility with Containment and 3 cell culture laboratories and animal housing. More information can be obtained at:

[https://www.schulich.uwo.ca/research/research\\_excellence/core\\_facilities.html](https://www.schulich.uwo.ca/research/research_excellence/core_facilities.html) .

With annual research funding exceeding \$220 million, and an international reputation for success, Western ranks as one of Canada's top research-intensive universities. Our research excellence expands knowledge and drives discovery with real-world application. Western also provides an exceptional employment experience, offering competitive salaries, a wide range of employment opportunities, and one of Canada's most beautiful campuses.

This position includes a comprehensive benefits package. Further details can be accessed at:

[http://www.uwo.ca/hr/benefits/your\\_benefits/faculty.html](http://www.uwo.ca/hr/benefits/your_benefits/faculty.html). Western's Recruitment and Retention Office is available to assist in the transition of successful applicants and their families.

Western's campus is in London, Ontario, a city with a population of approximately 400,000, located midway between Toronto and Detroit. With an extensive park system, river valleys, tree-lined streets, and bicycle paths, London is

known as the “Forest City”. London has a reasonable cost-of-living and hosts an international airport, galleries, theatre, music, sporting events, and excellent restaurants.

With an enviable national reputation and an international profile that ranks among the top universities world-wide, Western pushes the boundaries of pedagogical and scholarly excellence while setting a national standard for a student experience that is second to none. Western is a founding member of Canada’s U15, serves as a hub for more than 500 international research collaborations, and is recognized as one of Canada’s Top 100 Employers. There are more than 38,000 students within Western’s 12 Faculties and Schools and 3 affiliated University Colleges. Approximately 4,000 faculty and staff work in partnership to deliver 400+ specializations, majors, and minors, as well as innovative modular degree programs. For more information about Western’s strategic priorities, visit [Western Strategic Plan](#) and [Indigenous Strategic Plan](#) and for information on Western’s research areas please visit [Research Western](#).

The Schulich School of Medicine & Dentistry and Western University recognize that our commitment to equity, diversity and inclusion is central to the University’s mandate as a research-intensive institution of higher learning and a community leader. Western understands that our pursuit of research excellence and our commitment to equity, diversity and inclusion are mutually supporting. As such, Western is committed to achieving and maintaining an equitable representation amongst our Canada Research Chair holders, as well as within Western’s broader research enterprise.

Applications will be reviewed by a multi-disciplinary committee and must include the following:

- A completed regular full-time faculty application form that can be found at the following link: (<https://www.uwo.ca/facultyrelations/pdf/full-time-application-form.pdf>).
- A cover letter addressing how your expertise fits this position and complements existing strengths at the Schulich School of Medicine & Dentistry
- A detailed curriculum vitae
- A plan identifying your proposed research program and most significant contributions to the field metabolomics. In your statement, describe how your past contributions connect with your research plan and how your research plan will build research capacity at Western (up to five single -spaced pages, 1” margins and font size 12)
- A statement of your overall teaching and mentoring philosophies. This statement should include descriptions of past formal and informal mentorship experience, and plans for mentorship and training at Western (up to two single-spaced pages, 1” margins, font size 12). If available, summaries of teaching evaluations should be provided in addition to these two pages.
- A statement on how your track record and plans create an equitable, diverse, and inclusive environment for research, teaching, and service (up to two single-spaced pages, 1” margins, font size 12)

The names and email addresses of 3 academic referees.

The application package should be assembled into a **single PDF document** for submission to Dr. Gloor via email to [jessica.jamieson@schulich.uwo.ca](mailto:jessica.jamieson@schulich.uwo.ca)

The anticipated start date will be Jan 1, 2025 or as negotiated. The successful candidate will be expected to apply for a Tier 2 Canada Research Chair in the first available competition after their appointment. Consideration of applications will begin on Jan 15, 2024 and will continue until the position is filled.

*Positions are subject to budget approval. Applicants should have fluent written and oral communications skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups, Indigenous peoples, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.*

*In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.*

*Accommodations are available for applicants with disabilities throughout the application and recruitment process. If you require accommodations for interviews or other meetings, please contact Jessica Jamieson at [jessica.jamieson@schulich.uwo.ca](mailto:jessica.jamieson@schulich.uwo.ca) .*

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