

Full-time Faculty Position in Synchrotron Radiation for
Materials and/or Biomaterials Research
Western University

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Posted Oct. 2, 2018, set to expire Feb. 3, 2019

Job Title	Full-time Faculty Position in Synchrotron Radiation for Materials and/or Biomaterials Research
Department	Department of Chemistry http://www.uwo.ca/chem
Institution	Western University London,
Date Posted	Oct. 2, 2018
Application Deadline	Dec. 1, 2018
Position Start Date	Jul. 1, 2019
Job Categories	Assistant Professor
Academic Field(s)	Chemistry - General Materials Sciences/Polymer Sciences
Job Website	http://www.uwo.ca/
Apply By Email	yhuang@uwo.ca

Job Description

The Department of Chemistry at The University of Western Ontario (Western) invites applications for a new full-time faculty position in Synchrotron Radiation for Materials and/or Biomaterials Research. The appointment will be at the rank of Assistant Professor (Probationary Tenure-track), or Associate Professor (Probationary Tenure-track or Tenured). The preferred starting date of this position is July 1, 2019, but is negotiable. Salary will be commensurate with qualifications and experience.

Applicants must have a PhD degree in Chemistry, or related disciplines and have a strong record of research productivity in the form of publications in relevant peer-reviewed journals, awards, invited talks and other scholarly achievements. They also must demonstrate that they are well positioned to apply successfully for external funding in both the public and private sectors as evidenced by their current success in securing funding and/or their potential for future partnerships detailed in their

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research plan. The successful candidate will be expected to teach undergraduate and graduate courses in Chemistry and to develop new courses in the core areas of their discipline. The successful candidate also needs to demonstrate his/her ability to attract and train graduate and undergraduate research students.

Research areas of interest should focus on the study of hard or soft materials (including biomaterials/biosystems) with a significant research component involving synchrotron radiation. The key research theme shall involve the development and/or application of one or more synchrotron based techniques, such as electron and optical spectroscopy, X-ray spectroscopy and microscopy, X-ray scattering, imaging and tomography, synchrotron enabled dynamics study, etc. The advanced synchrotron technology available and being developed, especially at the Canadian Light Source (CLS) located in Saskatoon, SK (<http://www.lightsource.ca/>), provides a great opportunity for the candidate to undertake frontier synchrotron enabled research. Potential to collaborate with other researchers in the Department of Chemistry, Faculties of Science and Engineering, and the Schulich School of Medicine and Dentistry will be an asset.

The Department of Chemistry is a research-intensive department in Western's Faculty of Science, with both undergraduate and graduate programs. The Department is home to more than 30 fulltime faculty members and more than 100 graduate students. The Department currently has three Canada Research Chairs (CRCs) and one Industrial Chair and is in the process of recruiting several additional CRCs. The Department of Chemistry at Western pioneered and has played a leading role in the development of Synchrotron Radiation (SR) Research in Canada for over four decades, leading to the establishment a decade ago of the CLS, the national facility of advanced photon technology for research and innovation. Currently, there is a large group of researchers across Western campus using this advanced technology. A majority of the synchrotron users at Western belong to the Soochow-Western Centre (SWC) for Synchrotron Radiation Research (<http://swc.suda.edu.cn/>). In addition to CLS, through SWC, Western researchers have established capabilities at and sustainable access to advanced synchrotrons worldwide, including the Advanced Photon Source in Chicago, the Advanced Light Source at Berkeley, the National Synchrotron Light Source in New York, the Hefei Synchrotron and the Shanghai Synchrotron Radiation Facility in China, and more recently the Taiwan Light Source and Taiwan Photon Source.

At Western, the Centre for Advanced Materials and Biomaterials Research (CAMBR) enhances research, educational and outreach activities in the area of Materials and Biomaterials. Currently, 50 research groups participate as members of CAMBR from the Faculty of Science, Faculty of Engineering, Robarts Research Institute, and the Schulich School of Medicine and Dentistry, providing excellent opportunity to the candidate for collaboration.

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Situated along the banks of the Thames River in picturesque London, Ontario, a city with a population of approximately 350,000, The University of Western Ontario is a prominent academic institution routinely ranked as a top research-intensive university in Canada and is committed to excel as a leading research institution internationally. Western has a full-time enrollment of about 32,000 students in a range of academic and professional programs. Further information about Western can be found at <http://www.uwo.ca/> Information about the City of London, which boasts an international airport, galleries, theatre, music and sporting events can be found at <http://www.london.ca/about-london>. Western's Office of Faculty Recruitment and Retention is available to assist in the transition of the successful applicant and their family.

Candidates should submit a complete application package electronically, that includes a curriculum vitae, one-page teaching statement, concise research proposal (5 pages), and contact details of at least three professionals who can provide letters of support, as well as a cover letter addressing how their expertise AND proposed research fits this position by December 1, 2018 to:

Professor Yining Huang, Chair

Department of Chemistry

The University of Western Ontario London, Ontario N6A 5B7, Canada

yhuang@uwo.ca

Please ensure that the Application for Full-Time Faculty Position Form available at <https://www.uwo.ca/facultyrelations/pdf/full-time-application-form.pdf> is completed and included in your application submission.

Positions are subject to budget approval. Applicants should have fluent written and oral communication 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/visible minorities, Aboriginal persons, 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 recruitment process. If you require accommodations for interviews or other meetings, please contact Anna Vandendries-Barr at 519-661- 2111 ext 86344 or avandend@uwo.ca.

Posted on Faculty Relations website September 27, 2018. (#152)

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Dr. Yining Huang
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