

Postdoctoral fellowship at Wilfrid Laurier University in Waterloo, ON, Canada

January 2021

Wilfrid Laurier University is poised to meet its future with vision, energy, and optimism. Excellence in education and research supports an academic community addressing critical business, economic, social, and environmental challenges. With over 19,000 students and 1,800 faculty and staff across locations in Waterloo, Brantford, Kitchener, and Toronto, Laurier is a mid-sized university with small-school strengths: experiential programming, engaged alumni, high levels of student satisfaction, and a unique culture inspiring lives of leadership and purpose.

Professor Hind A. Al-Abadleh, in the Department of Chemistry and Biochemistry in the Faculty of Science, invites applications for a postdoctoral fellowship to work on the project “The Application of Metal-Organic Frameworks to NO_x Conversion”, funded by Imperial Oil University Research Award and NSERC Collaborative Research and Development grant.

Duration: 11 months

Description: The successful candidate will have the unique opportunity to work in a vibrant academic research lab. The candidate will conduct experiments using diffuse reflectance Fourier Transform Infrared spectroscopy (DRIFTS) coupled gas handling systems. The main objective of the project is to explore the efficiency and mechanism of NO_x reduction using metal organic frameworks (MOFs) under industrially-relevant conditions. The candidate will also be involved in lab activities such as group meetings, health and safety duties, mentorship of junior research students, writing results, analyzing data, communicating with research supervisor on a daily basis to provide progress reports.

Qualifications: The successful candidate will hold a PhD in chemistry or chemical engineering with proven hands-on experience in operating analytical instruments.

Candidates must have strong written and oral communication skills, as demonstrated by a successful record of peer-reviewed publications, conference presentations and comments in the recommendation letters.

Start Date: Flexible

Application Instructions: The position will remain open until it is filled, and applications will be reviewed upon receipt. To apply, please email a one-page cover letter, a CV, and the names and contact information of three references to Prof. Hind A. Al-Abadleh (halabadleh@wlu.ca, <http://www.wlu-science-chem-halabadleh.ca/>).

The rate of pay will be commensurate with experience but will be in accordance with the minimum compensation rate set at Wilfrid Laurier University, which is a minimum annual salary of \$32,000 (prorated for the actual period of appointment).

Information on postdoctoral fellows at Laurier can be found at the following link :
<https://www.wlu.ca/academics/faculties/graduate-and-postdoctoral-studies/postdoctoral-fellows/index.html>

Wilfrid Laurier University endeavors to fill positions with qualified candidates who have a combination of education, experience, skills and abilities to successfully perform the duties of the position while demonstrating Laurier's Employee Success Factors.

Diversity and creating a culture of inclusion is a key pillar of Wilfrid Laurier University's Strategic Academic Plan and is one of Laurier's core values. Laurier is committed to increasing the diversity of faculty and staff and welcomes applications from candidates who identify as Indigenous, racialized, having disabilities, and from persons of any sexual identities and gender identities. Indigenous candidates who would like to learn more about equity and inclusive programming at Laurier are welcomed to contact the Office of Indigenous Initiatives at indigenous@wlu.ca. Candidates from other equity seeking groups who would like to learn more about equity and inclusive programming at Laurier are welcomed to contact the Diversity and Equity Office at diversity@wlu.ca. We have strived to make our application process accessible; however, if you require any assistance applying for a position or would like this job posting in an alternative format, please contact Human Resources at 519-884-1970 ext.2007 or hr@wlu.ca.

To confirm if the candidate is eligible to work in Canada in the required location and position. A standard question that would assist to determine their eligibility is the following:

Are you legally entitled to work in Canada?

a) Yes b) No