

## Job Posting – Postdoctoral Fellows

### About Western

Western ranks as one of Canada's top research-intensive universities. From fundamental to applied discovery and other scholarly activities, its scholars advance knowledge that provides tangible benefits for the economic, social, health and cultural development of citizens in London, in Canada and around the world. Western Research supports scholars through collaboration, communication, and service. Western University and its affiliate colleges received more than \$267 million in research funding over the past year.

### About the Role

We are seeking two Postdoctoral Associates who will be under the joint supervision of Dr. Naomi Klinghoffer and Dr. Christopher DeGroot. The start date will be September 1, 2023 and the appointment will be for one year. Applications will be reviewed beginning on June 15, 2023 and will continue until the positions are filled.

Candidates will be appointed to the Western Academy for Advanced Research (WAFAR) under the theme of "Nature-Inspired Solutions for Carbon Transformation." The Western Academy for Advanced Research brings together interdisciplinary and international teams of scholars to address major issues facing humanity through periods of dedicated focus. To make these solutions a reality, The Western Academy presents themes on which Western Fellows, Visiting Fellows, postdoctoral scholars, and graduate students focus their research over focused periods of enquiry.

Research will be directed toward the development of solutions for carbon transformation and storage using methods derived from nature. Special emphasis will be placed on solutions that utilize waste streams, produce valuable outputs, and contribute to a circular economy. The research will focus on one or more of the following areas: thermochemical conversion of biomass/waste, catalysis for the production of sustainable fuels, life cycle assessment, CO<sub>2</sub> capture and conversion, water resource recovery, and photobioreactor design and modelling.

The salary for this position will be a minimum of \$43,859.65 plus benefits. For more information about benefits for Postdoctoral Associates, please refer to this link: [https://www.uwo.ca/hr/benefits/your\\_benefits/pda/index.html](https://www.uwo.ca/hr/benefits/your_benefits/pda/index.html).

The successful applicant will:

- Have a PhD in an Engineering discipline related to the proposed research, obtained within the past five years.
- Have an established record of publications in peer-reviewed literature that are relevant to the proposed research.

- Be highly motivated to develop technologies that contribute to carbon transformation and storage, in the interests of addressing emissions associated with climate change.
- Be enthusiastic about working on an interdisciplinary team in an in-person collaborative environment

To apply, email the following [wafar-postdocs@uwo.ca](mailto:wafar-postdocs@uwo.ca) with the subject heading “WAFAR Postdoctoral Scholar Application”:

- A one-page cover letter explaining why you would be a good fit to the position
- Your CV including a complete list of your educational background, past work experience, scholarly publications, etc.
- A list of three references

Due to an expected high volume of applicants, only those shortlisted for an interview will be contacted.

*Western Values Diversity*

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, Indigenous persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression. Accommodations are available for applicants with disabilities throughout the recruitment process.