

Postdoctoral Associate Position Opportunity

Department: ICFAR

Supervisor: Franco Berruti

Description of Research and Position:

This will be an 11-month postdoctoral associate position. The research program involves testing and utilization of a new pyrolysis pilot plant that will process organic feedstocks producing primary precursors, which will be converted into value-added products. The postdoctoral associate's research will have an emphasis on the optimization of production, characterization and application of bio-char produced through pyrolysis with various feedstocks.

Accountabilities of the Role:

Reporting to Prof. F. Berruti, the NSERC Industrial Research Chair (IRC) in Thermochemical Conversion of Biomass and Waste to Bioindustrial Resources, the postdoctoral associate will be a key NSERC IRC team member and will pursue independent and collaborative projects with graduate students, staff and other postdocs, providing mentorship, support and guidance to graduate students. Duties also include: co-author manuscripts for submission to peer-refereed journals, prepare and deliver presentations to industry sponsors and at conferences.

Educational Requirements necessary for the Role:

Ph.D. with outstanding expertise in Process and Chemical Engineering. Demonstrated experience in (in order of importance): a) bio-oil and especially bio-char production, characterization and application; b) with the operation of pyrolysis reactor and condensation systems. Experience working in multi-disciplinary teams (chemists, chemical engineers, mechanical technologists) is required. Experience working on industry projects is an asset. Outstanding ~~teamwork, initiative, communication and problem-solving skills are required.~~

Number of Opportunities: 1

Proposed Start Date: 08/01/2019

Length of Appointment: 11 months, renewable

Please note that the length of appointment may change.

How to Apply:

Applications should be sent to Franco Berruti (fberruti@uwo.ca) with copy to Chantal Gloor (cmgloor@uwo.ca) and should include your CV, a cover letter, and names and contact info of two referees that we may contact.

Posting Expires: June 24, 2019

Note: Postings must be publicly available for a minimum of 10 days.