



Postdoc in Thermofluids for Energy and Advanced Materials (TEAM) University of Toronto, Toronto, ON, Canada

We are seeking a postdoctoral candidate, who holds a PhD in engineering or chemistry, to work in the area of thermofluids for energy and advanced materials. Research will be performed in the area of transport in porous media for fuel cells and electrolyzers, and leadership will be required to manage students that are working in these areas. Experience in numerical modelling or experimentation involving thermofluids is required. Knowledge of transport in porous media is required, and experience in PEM fuel cells or electrolyzers will be considered a great asset. The main roles of the candidate will be to perform fuel cell testing, imaging, and continue the development of a pore network model for modelling multiphase flows involved with fuel cells and electrolyzers. Providing strong leadership to a group of MSc and PhD students is a key role. Excellent communication skills and strong independent research skills are required. The candidate will be expected to work independently, provide leadership to an interdisciplinary team of graduate students, produce publishable results, and publish frequently. If approved, funding for up to 2 years will be available, subject to performance. The application package (to be emailed to A. Bazylak) should include the following:

1. Cover letter
2. CV, including a list of 3 professional references, and
3. PDF copies of the 3 most recent 1st authored journal papers

Contact:

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