**Open PhD Positions in Redox Flow Batteries Research**

There are open funded PhD positions available in the Department of Materials Engineering at the University of British Columbia for motivated and talented individuals to work on cutting-edge flow battery technology. The successful candidates will be working on developing new materials, designs and configurations to advance the performance and scalability of flow batteries for grid-scale energy storage applications.

**Advisor:**

* Assistant Professor Kiana Amini

**Key Responsibilities**:

* Conduct independent research to advance the state-of-the-art in flow battery technology
* Develop and validate new flow battery designs and configurations
* Develop novel electrochemical characterization techniques
* Characterize and test new materials for use in redox flow batteries

**Qualifications:**

* A Master's degree in materials science, chemical engineering, electrochemistry or a related field
* Strong background in electrochemistry
* Experience with flow battery technology or related research is desirable
* Excellent analytical, experimental and problem-solving skills
* Strong oral and written communication skills and the ability to work effectively in a team environment

 **Starting Date:**

* Winter 2024 (January 2024)

**Application Deadline:**

* June 1st, 2023

If you are passionate about energy storage technology and want to make a meaningful impact on the transition to a low-carbon energy future, please send your CV and a cover letter, explaining your motivation, to amini.kiana@gmail.com with a subject “PhD applicant: [your name]”. Shortlisted candidates will be contacted for an interview in June-July 2023.