

4 April 2022

Postdoctoral Researcher: Electrocatalysis using earth-abundant metals

Our research group in the Department of Chemistry, National University of Singapore, has been developing electrocatalytic materials and systems for energy conversion reactions.

We are looking for a highly motivated and qualified post-doctoral researcher to push the frontier of our research. The successful candidate will *design and build high-performance electrodes for electrochemical energy conversion reactions such as CO₂ reduction, oxygen- and hydrogen evolution reactions. Particular emphasis will be placed on developing electrodes using earth-abundant metals.*

Requirements:

- * Expertise in electrochemistry, materials synthesis, assembly and testing of electrolyzers is necessary.
- * A PhD degree in chemistry, physics, material sciences or a related field.
- * A demonstrated ability to work independently, and adapt into new areas as the needs of the project evolve.
- * Excellent written and verbal communication skills.
- * Excellent interpersonal skills.

We offer a competitive salary (5000-6000 SGD per month), commensurate with qualifications and experience. The initial appointment is for one year, with an expectation for renewal based upon satisfactory job performance.

Applicants should email a cover letter (stating your motivation) and curriculum vitae (all in pdf) to Assoc. Prof. Boon Siang Yeo. The CV should include educational and professional background, a list of publications, and contact information for four referees, which must include your PhD mentor.

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