

02 Apr 2019

Postdoctoral Researcher in Energy Conversion Reactions

Our research group in the Department of Chemistry, National University of Singapore, has been developing electrocatalytic materials and systems for energy conversion reactions. Reactions of interest include electrochemical water splitting and CO₂ reduction.

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 perform experiments to synthesize new electrocatalysts for CO₂ reduction, and characterize and evaluate them for activity, selectivity, and stability. The researcher is expected to mentor PhD students working in this project.

Requirements:

- * A PhD degree in chemistry, physics, material sciences or a related field.
- * Experience in heterogeneous catalysis, electrochemistry, synthetic skills, and surface/solid state characterization techniques.
- * 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 commensurate with qualifications and experience. The initial appointment is for one year, with an expectation for renewal based upon 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/posters/conference presentations, and contact information for three referees, which must include your PhD mentor.

Boon Siang Yeo
Department of Chemistry
National University of Singapore
S8-02-05D
Singapore 117543

Email: chmyeos@nus.edu.sg

Website: https://www.chemistry.nus.edu.sg/people/academic_staff/yeobsj.htm