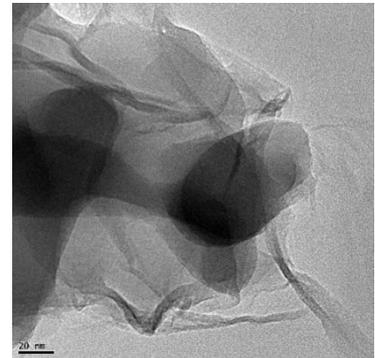


POST DOCTORAL OPPORTUNITY

Overview: Graphene is a single layer of carbon which possesses unique properties including: extremely high electron mobility, high strength to weight ratio and large surface area. Said to be a material for the future, graphene will undoubtedly be at the forefront of upcoming technological advances such as super-capacitors, super-efficient batteries, ultra-thin protective coatings, ultra-sensitive sensors, ultra-thin display screens and highly efficient filtration systems.



Description: A postdoctoral position is available to undertake research into electrochemical energy storage technologies under the Australian Research Council's Research Hub for Graphene Enabled Industry Transformation. The position is for one year and can be extended to another year depending on performance. The candidate will report to A/Prof. Mainak Majumder.

Background: A PhD degree with extensive expertise in electrochemistry & materials science, supercapacitor and battery material characterization & prototype development is required with a demonstrated track record of high quality academic publications.

Essential skills: Good written and oral communication skills, ability to work in a collaborative environment, time management and ability to deliver on deadlines. Experience in working with industry partners and demonstrated project management skills.

About Monash and Melbourne: Monash is consistently ranked within the top 100 universities in the world and a member of the prestigious group of eight universities of Australia. The Clayton campus, where the student will be located, is about half an hour drive from Melbourne CBD. Unique facilities close to Monash include the Australian synchrotron, Melbourne Center for Nanofabrication (MCN) and CSIRO laboratories. A suite of exciting platforms are available for conducting high quality research such as the Monash Center for Electron Microscopy, the New Horizons Collaboration Center, the green chemistry precinct and Monash Micro Imaging facility.

Please contact Associate Professor Mainak Majumder for further enquiries and/or expressions of interest. E: mainak.majumder@monash.edu. Application deadline addressing the selection criteria: 25th August, 2017