

Research Assistant

Job Purpose

Do you want to develop the next amazing application in the field of advance materials? Join us at the Graphene group in the Centre for Advanced 2D Materials.

Professor Barbaros Özyilmaz group is opening a Research Assistant position to support the commercialization of Graphene technologies. Your role will be to implement and work with large-scale prototyping equipment for applications in the fields of Smart Sensors, Functional Coatings, Energy Storage and Synthesis.

In addition, you will have the opportunity to collaborate with various industry partners that are working in these fields.

For a better understanding of our group, please visit: <http://graphene.nus.edu.sg/barbaros>.

Duties & Responsibilities

- Setup and implement a large-scale prototyping system. This includes hands-on chemical work, process development and writing standard operating procedures.
- Develop new processes and testing methods for applications developed in the lab.
- Procurement of equipment and consumables required to deliver the projects.
- Manage and maintain stock for key consumables and chemicals.
- Perform routine equipment testing and maintenance.

Requirements

- Eager to develop the next best application in the field of material science!
- B.E., B.Sc. or equivalent degree in Engineering / Science fields or higher. Experienced in thin film fabrication and characterisation tools relevant to the field of interest is an advantage.
- Great hands-on working skills.
- High proficiency in general MS office applications is important.
- High fluency in English with excellent written and verbal communication skills.
- Able to work independently without direct supervision.
- Strong drive and motivation to excel.
- Strong sense of responsibility and works well with other lab members.

Please send your CV to Yzhar@NUS.edu.sg