

PhD in Environmental or Chemical Engineering

Nanostructured Polymeric Membranes Lab Water Desalination and Reuse at KAUST

PhD research opportunities are available to work on the development of new polymeric materials and membranes for water desalination and reuse at the King Abdullah University (KAUST) (www.kaust.edu.sa) in Saudi Arabia. KAUST is a world-class university in science and engineering and offers exceptional facilities for research, having some of the most advanced equipment for microscopy, nanofabrication, and nuclear magnetic resonance. The student will work under the supervision of Prof. Suzana Nunes in the Water Desalination and Reuse Center.

(<http://www.kaust.edu.sa/academics/faculty/suzana.html>)

(<http://wdrc.kaust.edu.sa>)

The research topics in the group involve the design of new materials (e. g. block copolymers synthesis, polymer functionalization, thin-film interfacial polymerization) and membranes (flat sheet and hollow fiber), morphological characterization and application for water treatment (forward osmosis, nanofiltration).

Applicants are required to provide evidence of superior performance in undergraduate studies and Master's degree in Environmental Science and Engineering, Chemical Engineering, Chemical Science or Materials Engineering in leading universities in the field. Cumulative GPA higher than 3.5 on a 4.0 scale or equivalent and good English proficiency are minimum requirements. The deadline for application is October 25 and the start date at KAUST is January 7th.

Please send your CV, grades and 3 letters of recommendation to suzana.nunes@kaust.edu.sa

General information on student admission at KAUST is available in <http://www.kaust.edu.sa/admissions/tokaust/fellowship.html>