School of Chemical Sciences, Dublin City University

PhD studentships in

Novel Materials for Photocatalytic Hydrogen Generation

Applications are invited for a 4-year PhD studentship that will focus on the design, synthesis, and characterisation of new materials for hydrogen generation. The proposed research within the Pryce group at DCU, will focus on the synthesis of molecular catalysts, the photochemistry of these systems and assess their ability to generate hydrogen both on electrode surfaces and in solution. The project involves collaboration with colleagues at Newcastle University and Sapienza University of Rome. The candidates will have opportunities for travel to the collaborating labs within the four year PhD programme.

The studentship includes a stipend of €18,000 per annum plus EU fees. Applicants will be expected to be highly motivated and have an MSc in Chemistry (or H1 or 2.1 BSc for UK/Ireland candidates). In addition to their research, they will complete specific taught modules as part of the Graduate programme, thus enhancing their research expertise as well as furthering their professional development.

Apply by email including a CV and cover letter (containing a personal statement as to why you want to apply for this position) and full contact details for two academic referees to mary.pryce@dcu.ie

Applications will be accepted until the positions are filled.

Start Date: As soon as possible

Funding body:  seal SUSTAINABLE ENERGY AUTHORITY OF IRELAND