

2 PhD Studentships in Materials Chemistry and Energy Conversion

Applications are invited for up to two PhD studentships under the supervision of Prof. Paula E. Colavita (<u>https://sites.google.com/site/colavitagroup/</u>) in the area of materials physical chemistry and energy conversion. The project will focus on understanding and optimizing the interfacial chemistry of carbon materials for the design of new metal-free fuel cell electrocatalysts. The student/s will develop skills in the areas of materials synthesis/deposition, thin-film methods, surface spectroscopy and physical electrochemistry.

Candidates should be highly motivated, have a BSc or equivalent and a strong background in chemistry/physics/materials. Funding is for 4 years and includes competitive stipend and fixed contribution towards postgraduate fees (EU-fee level).

Starting date: September 2014 (negotiable).

To apply please email cover letter, transcripts, CV and 2 referee contacts to <u>colavitp@tcd.ie</u>.

Dr. Paula E. Colavita Assistant Professor

Scoil na Ceimice, Dámh na hInnealtóireachta, na Matamaitice agus na hEolaíochta Coláiste na Tríonóide, Baile Átha Cliath 2, Éire Dr. Paula E. Colavita Assistant Professor T353 (0)1 896 3562F353 (0)1 671 2826

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