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Fully funded PhD studentship in Computational Chemistry
Dr Fernanda Duarte, School of Chemistry, University of Edinburgh, UK
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We look for a talented PhD candidate to join our team. In our research we use computational methods to understand fundamental problems in organic and biochemistry and to interpret exciting new experiments. We interact closely with leading experimental groups.

In this research we will implement computational methods to unravel molecular properties of catalytic and supramolecular systems, aiming to guide new designs. This involves state-of-the-art quantum chemistry, molecular dynamics, and hybrids QM/MM approaches.

A suitable candidate should possess, or expect to obtain, a first class or upper-second class undergraduate degree (or equivalent) in chemistry, physics or related subject. Successful candidates should have a strong interest in physical chemistry, chemical physics, modelling and computation, as well as enthusiasm for (learning) programming. Other essential attributes are: a demonstrated ability to work well in a team and good communication skills, both written and oral. In the first instance, informal enquiries (accompanied by a CV, covering letter, and contact details of two referees) should be directed to Dr Fernanda Duarte.

For the formal application procedure see: <http://www.chem.ed.ac.uk/studying/postgraduate-research/applications-and-entry-requirements>. Eligibility: Primarily UK residents, but outstanding EU candidates may be considered, for details see <https://www.epsrc.ac.uk/skills/students/help/eligibility/>. Applications will be considered until an excellent candidate has been identified.

For more details,
see <https://www.findaphd.com/search/ProjectDetails.aspx?PJID=95421>