

UNIVERSITY OF CARDIFF

SCHOOL OF CHEMISTRY

Postdoctoral Research Associate in Synthetic Organic Chemistry and Catalysis

Opportunity. Applications are invited for a postdoctoral research associate in synthetic organic chemistry and catalysis, working on a collaborative EPSRC-funded project with Dr Louis Morrill, Dr Duncan Browne and Prof. Thomas Wirth at Cardiff University.

Project. The overall focus of the programme is the productive merger of organocatalysis with electrochemistry to develop novel electroorganic catalysis using both batch and flow technologies. The PDRA will optimise the methodologies and subsequently apply them to diverse synthetic transformations, accessing important, stereodefined building blocks.

Candidate. First-hand experience in a relevant area of chemistry such as synthetic chemistry, catalysis or heterocyclic synthesis and experience with air-sensitive synthetic techniques and a range of characterisation methods are essential. Some experience with electrochemistry and/or flow chemistry would be beneficial. This vacancy is suited to a highly motivated synthetic chemist who is interested in developing novel catalytic methodology.

Details. *Start date:* 2nd October 2017. This position is initially for 12 months but with the opportunity to extend for a further 24 months, subject to satisfactory performance.

Salary: £32,004 - £38,183 p.a. (Grade 6)

Essential Criteria: Eligible candidates must hold, or be about to obtain, a PhD in a relevant area of synthetic chemistry, or relevant industrial experience. Full details are given in the post advert mentioned below.

Application. Applications will only be accepted through Cardiff University's on-line system: <http://www.cardiff.ac.uk/jobs/>. Follow the link, click on "view academic vacancies", search for the post reference number "6300BR" and following the instructions described to apply. For more information and informal enquiries, please contact Dr Louis C. Morrill (MorrillLC@cardiff.ac.uk) with the subject heading "*PDRA in Synthetic Organic Chemistry and Catalysis*".

Although the closing date for applications is 21st August 2017, we reserve the right to close this vacancy early should sufficient application be received. Therefore, if you are interested in the position apply as soon as possible.

Louis C. Morrill, PhD

Group Website: <http://blogs.cardiff.ac.uk/themorrillgroup/>