

Imperial College London

Faculty of Natural Sciences

Division of Molecular Biosciences

Research Assistant in Theoretical Biological Physics

Salary: £27,400 – £30,450 per annum

Applications are invited for a 3 year Research Assistant position at Imperial College London, to quantitatively model sensing and signalling in bacteria. The position is funded by a prestigious Starting Grant of the European Research Council (ERC) to investigate physical principles in current biological problems and is one of several to be filled.

The successful candidate will join the multidisciplinary group of Dr. Robert Endres at the Centre for Integrative Systems Biology and Bioinformatics (CISBIO), located at our South Kensington campus, between Hyde Park and the Science/Natural History Museum. The group works on a wide range of data-driven as well as fundamental problems in biology in collaboration with experimental biologists. For additional information, see <http://www.imperial.ac.uk/people/r.endres>.

You must have a Masters degree in Physics, Mathematics, Bioengineering, Computational Biology or a related field. Knowledge in statistical and biological physics and computational biology are essential, as well as expertise in various modeling techniques. You should also have programming skills, ideally in C/C++, and a scripting language such as Matlab, Mathematica or Maple. You must be interested in undertaking a PhD, as it is a condition of your employment that you should be registered for a higher research degree at the College.

This post is available immediately.

For initial enquiries please contact Dr Robert Endres email: r.endres@imperial.ac.uk

Our preferred method of application is online via our website <http://www3.imperial.ac.uk/employment> (please select "Job Search" then enter the job title or vacancy reference number including spaces – NS 2012 051 DPN into "Keywords"). Please complete and upload an application form as directed.

Alternatively, if you are unable to apply online, please contact Dr Louise English bioinformatics@imperial.ac.uk by email to request an application form.

Closing date: 27 March 2012

Committed to equality and valuing diversity. We are also an Athena Bronze SWAN Award winner, a Stonewall Diversity Champion and a Two Ticks Employer.