Commercial Research Associate in Applied Statistics

Institute for Mathematical Innovation, Bath, UK

Apply

Institute for Mathematical Innovation

Salary: Starting from £32,548, rising to £38,833

Interview Date: To be confirmed

Reference: CA5812

The Institute for Mathematical innovation (IMI) at the University of Bath invites applications from excellent candidates for a position to sustain and extend its position of national leadership in interdisciplinary and industrial applications of the mathematical sciences.

IMI is looking to recruit a Commercial Research Associate (CRA) to join our enthusiastic team and take on short-term projects working with industry and collaborating with a wide range of academic staff around the university. The CRA posts are open-ended contracts, and are demanding roles due to the variety of the project work that would be required.

IMI has been explicitly recognised for its development of new models for Knowledge Exchange (KE) for the mathematical sciences by the recent EPSRC / KTN Independent Review of KE in the Mathematical Sciences, chaired by Philip Bond. Details of the review can be found here: https://epsrc.ukri.org/newsevents/pubs/era-of-maths.

Recent projects have included estimation of risk for the insurance industry, interpretation of physiological data for growth and maturation in adolescents, models of crop growth variability due to climate, analysing the effect of imposing a land value tax in London, understanding the variability of the strength of composite materials, and building a database of experts for UNICEF. These projects have involved working with academic staff from the Departments of Mathematical Sciences, Mechanical Engineering, and Health, through to Social and Policy Sciences, and Bath’s Institute for Policy Research.

More details about IMI can be found at http://www.bath.ac.uk/imi/.
In this recruitment round we are specifically looking to recruit a CRA with skills and experience in applied statistics, with a willingness to apply their skills to projects from a variety of different areas. However, excellent candidates with experience and problem solving skills across the mathematical sciences will be considered.

There are close links between IMI and the Department of Mathematical Sciences which has over 70 academic staff from all areas of Mathematics, including around a dozen working in statistics. The department has a strong culture of collaboration across research areas, reinforced by our EPSRC Centre for Doctoral Training in Statistical Applied Mathematics at Bath (SAMBa) which trains cohorts of 10-15 PhD students per year.

We particularly welcome applications from women. Both the Department and the University are committed to providing a supportive and inclusive working environment. Flexible working options will be considered wherever possible. For more information visit http://www.bath.ac.uk/hr/working/flexible-working/.

**Closing Date:** Tuesday 26 June 2018