



Faculty of Science & Health
School of Mathematical Sciences
Postdoctoral Researcher in Financial Mathematics
24 Month Fixed Term Contact

Overview:

The School of Mathematical Sciences in Dublin City University offers undergraduate and post-graduate degree programmes in Actuarial Mathematics, Financial Mathematics and Mathematics Teacher Education, in addition to service Mathematics courses across all five Faculties of the University.

The School has a broad research profile in the Mathematical Sciences, with research carried out in several areas including Actuarial Mathematics, Differential and Difference Equations, Differential Geometry, Financial Mathematics, General Relativity, Group Theory, High Performance Computing, Mathematical Physics, Mathematics Education, Numerical Analysis, Quantum Fields, Stochastic Analysis and Theoretical Astrophysics. (<http://www.dcu.ie/maths/index.shtml>).

The School of Mathematical Sciences seeks to appoint a Postdoctoral Researcher in Financial Mathematics, as part of the research project *Stationary Financial Risks* supported by Science Foundation Ireland. The successful candidate will conduct research in Financial Mathematics, and may contribute to teaching activities in the undergraduate and M.Sc. programs of the School, supervision of postgraduate students, service duties, and furthering links with the financial industry.

Criteria:

The successful candidate will possess a PhD in Mathematics or related discipline and show outstanding promise of excellence in research. An appointment at the Research Fellow level is possible for an exceptionally qualified candidate with significant postdoctoral experience and a proven record of publications in top journals.

The candidate should be capable of working independently with a high degree of technical competence whilst also being a team player, he/she must demonstrate initiative, be hard working, versatile and productive. S/he should have good communication and organisational skills.

Athena SWAN Charter

Dublin City University is an equal opportunities employer. Information on a range of university policies aimed (among other things) at creating a supportive and flexible work environment is available at <http://www4.dcu.ie/policies/policy-starter-packs.shtml>. The university holds an Athena SWAN Bronze Award and is committed to promoting gender equality.

Research Career Framework

As part of this role the researcher will be required to participate in the DCU Research Career Framework <http://dcu.ie/hr/ResearchersFramework/index.shtml>. This framework is designed to provide significant professional development opportunities to researchers and offer the best opportunities in terms of a wider career path.

DCU has a strong track record in attracting both Irish and European Union research funding under Horizon 2020 (and all previous Framework Programmes), Marie Curie Actions and Erasmus. We offer a dynamic and internationally-focused environment in which to advance your academic career.

Salary Scale: €36,488 - €47,255 (Postdoctoral researcher)

€52,716 - €57,442 (Research Fellow)

Subject to qualifications and experience

Closing date: Sunday, 7th January 2018.

Informal inquiries to:

Prof. Paolo Guasoni, Stokes Professor of Financial Mathematics, Dublin City University, Dublin 9.

E-mail: paolo.guasoni@dcu.ie Telephone: + 353 1 700 8921

Application Procedure:

Please clearly state the role that you are applying for in your application and email subject line: Job Ref #691: Post-Doctoral Researcher Financial Mathematics

Applications should be submitted by email to hr.applications@dcu.ie or by Fax:+353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9.