



*Applications are invited from suitably qualified candidates for the following position:*

**Postdoctoral Researcher in Financial Mathematics  
Level 1  
School of Mathematical Sciences  
Fixed Term Contract up to 24 months**

**Dublin City University, School of Mathematical Sciences**

The School of Mathematical Sciences offers undergraduate and post-graduate degree programmes in Actuarial Mathematics and Financial Mathematics, in addition to service Mathematics courses across all five Faculties of the University. The School has a longstanding commitment to excellence in research in Stochastic Analysis and Financial Mathematics, attracting funding from the European Research Council and Science Foundation Ireland. The School also cooperates with UCD and Maynooth University in the Financial Mathematics and Computation Cluster.

**Role Profile**

The School is seeking to appoint a Postdoctoral Researcher in Financial Mathematics as part of the research project *Stationary Financial Risks*, funded by Science Foundation Ireland, and headed by the Stokes Chair of Financial Mathematics, Professor Paolo Guasoni.

As part of this role the researcher will be required to participate in the DCU Research Career Framework. This framework is designed to provide significant professional development opportunities to Researchers and offer the best opportunities in terms of a wider career path

**Duties and Responsibilities**

Please refer to job description for list of duties and responsibilities.

**Minimum Criteria**

Applicants should have a PhD in Mathematics or related discipline and demonstrate an interest in solving problems in finance. 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.

Salary:                   €37,874-€49,048 (Postdoctoral Researcher)  
                                  €54,717-€59,622 (Research Fellow)

*Appointment will be commensurate with qualifications and experience and will be made on the appropriate point of the salary scale, in line with current Government pay policy*

**Closing date:** Friday 6<sup>th</sup> March 2020

**Candidates will be assessed on the following competencies:**

**Discipline knowledge and Research skills** – Demonstrates knowledge of a research discipline and the ability to conduct a specific programme of research within that discipline;

**Understanding the Research Environment** – Demonstrates an awareness of the research environment (for example funding bodies) and the ability to contribute to grant applications;

**Communicating Research** – Demonstrates the ability to communicate their research with their peers and the wider research community (for example presenting at conferences and publishing research in relevant journals) and the potential to teach and tutor students;

**Managing & Leadership skills** - Demonstrates the potential to manage a research project including the supervision of undergraduate students.

**Informal enquiries to:**

Paolo Guasoni, Stokes Professor of Financial Mathematics, DCU, Dublin 9

E-mail: [paolo.guasoni@dcu.ie](mailto:paolo.guasoni@dcu.ie); Phone: +353 (0)1 700 8921. *Please do not send applications to this email address; instead, apply as described below.*

**Application Procedure:**

Application forms are available from the DCU Current Vacancies website at <https://www.dcu.ie/hr/vacancies/current.shtml> and also from the HR Department, phone +353 (0) 1 700 5149. Applications must be submitted by e-mail to [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie) or by post to the Human Resources Department, Dublin City University, DCU Glasnevin Campus, DO9 W6Y4.

Please clearly state the role that you are applying for in your application form and email subject line, **#RF1327 Postdoctoral Researcher, Financial Mathematics**.

**Dublin City University is an equal opportunities employer and is committed to promoting gender equality reflected in its attainment of the Athena SWAN Bronze Award. Information on a range of university policies aimed at creating a supportive and flexible work environment is available at**

**<https://www.dcu.ie/policies/policy-starter-packs.shtml>**