School of Mathematical Sciences

Faculty of Science & Health

Lecturer/Senior Lecturer in Actuarial Mathematics

1. Introduction

- The School of Mathematical Sciences in Dublin City University is a leading provider of actuarial education in Ireland and the UK. The School runs a four-year, full-time undergraduate degree programme in Actuarial Mathematics, which is fully-accredited by the Institute & Faculty of Actuaries (IFoA), providing opportunities for exemptions from 8 of its 9 Core Technical Subjects.

- The School also has a strong research profile in the associated field of Financial Mathematics. The Edgeworth Centre for Financial Mathematics is based in the School and is involved in the strategic research cluster FMC2 with UCD and Maynooth University. The School offers both undergraduate and postgraduate degree programmes in Financial Mathematics.

- For further information on the School of Mathematical Sciences, see: http://www.dcu.ie/maths/index.shtml.

2. Lectureship/Senior Lectureship Position

- The School is seeking to develop and expand its provision of actuarial and financial mathematics through the appointment of a full-time Lecturer or Senior Lecturer who will lead the School’s efforts in Actuarial Mathematics. Depending on experience, qualifications and professional track record, the position offered may be either a 5-year appointment or a permanent position at Lecturer level. Appointment at Senior Lecturer level will also be possible for exceptional candidates.

- All applicants must hold an honours degree and be Fellows of the Institute & Faculty of Actuaries or an equivalent national body. They must have proven experience in the delivery of actuarial education courses (Core Technical Subjects of the IFoA or equivalent).

- Appointment at Lecturer above bar or higher must have completed a PhD in Mathematics or in a related field. They must also be recognized researchers (having a record of original high-impact research supported by publications in internationally-leading journals) or, depending on their career stage, show exceptional potential and ability in an area relevant to Actuarial Mathematics. The potential to secure research grants (including funding for fellowships) and to recruit and supervise postgraduate research students is also required.

- Applications are especially welcome from candidates with experience of the actuarial profession, with the ability to liaise effectively with the Institute & Faculty of Actuaries, the Society of Actuaries in Ireland, and relevant external stakeholders, most notably the actuarial employers.
3. **Responsibilities**

Duties attaching to the post include, but are not restricted to, the following:

- **Teaching:**
  
The successful candidate will teach at both undergraduate and postgraduate degree levels and will participate in student mentoring and tutoring. He/she will prepare, deliver and assess actuarial, financial and related modules at both undergraduate and postgraduate levels. Lecturers within the School teach an average of two modules per semester, and participate in the supervision of final-year and Master’s research projects and undergraduate (INTRA) work placements. They also develop new degree programmes and work with other team members in the development of policies and procedures related to programme delivery. The total teaching hours and responsibilities are defined by the Head of School and the Teaching Convenor.

- **Research:**
  
The successful candidate will establish and develop an independently-funded research programme in actuarial mathematics. Appointment at Lecturer above bar or higher must have completed a PhD in Mathematics or in a related field, have commensurate relevant experience and must also be recognized researchers (having a record of original high-impact research supported by publications in internationally-leading journals).

- **Administration:**
  
  - The successful candidate will undertake certain administrative functions related to the activities of the School of Mathematical Sciences and of the Faculty of Science & Health. Such duties are defined by the Head of School.
  
  - These duties may include being the Chair of an actuarial degree programme offered by the School; liaising with the Institute & Faculty of Actuaries, the Society of Actuaries in Ireland and relevant employers. He/she will participate in meetings related to programmes, liaise with staff from external organizations and attend and participate in other School forums as required.
  
  - These duties may also include participation in University committees, representation of the School in marketing and recruitment of students, developing relationships with actuarial employers, participation in open days, organization of conferences and seminars etc.


   - Lecturer (below bar): €37,352 — €51,724
   - Lecturer (above bar): €50,159 — €76,891
   - Senior Lecturer: €67,985 — €88,505

Subject to qualifications and experience.

5. **Closing Date**

   Friday, 18 September 2015
6. **Informal Enquiries**
   For further information, please contact:
   Professor John Carroll, Head, School of Mathematical Sciences, DCU
   E-mail: john.carroll@dcu.ie, Telephone: +353 (0)1 700 8917

7. **Application Forms**
   Application forms are available directly at http://www.dcu.ie/hr/vacancies/current.shtml or by contacting HR in one of the following ways:
   Email: hr.applications@dcu.ie
   Telephone: +353 1 700 5149
   Post: Human Resources Department, Dublin City University, Dublin 9
   Fax: +353 1 700 5500

*Dublin City University is an equal opportunities employer*