



Lecturer in Risk and Disaster Science

Further Particulars

This document sets out the following information for the appointment of a Lecturer in Risk and Disaster Science in the UCL Institute for Risk and Disaster Reduction (ref: 1792764) at UCL.

	<i>Page</i>
Application Procedure	1
Information about the Institute	2
Job Description	3
Person Specification	4

Application Procedure

Informal enquiries may be addressed to Prof Peter Sammonds (p.sammonds@ucl.ac.uk)

To apply please go to <http://www.ucl.ac.uk/hr/jobs/> and search using the job reference above. Any candidates unable to apply online should contact Dr Rosanna Smith, email: rosanna.smith@ucl.ac.uk, tel: 02076792416. Applications should include:

- a covering letter outlining your suitability for the role;
- a curriculum vitae (including list of publications);
- the names and contact details of three referees

Please note that we intend to seek references for all shortlisted candidates prior to interview.

Information about the UCL Institute for Risk and Disaster Reduction

The UCL Institute for Risk and Disaster Reduction (IRDR) is an exciting cross-UCL Institute, which leads research, knowledge exchange and teaching in the area of risk and disaster reduction (RDR). By providing a focus for UCL's RDR activities, with its breadth of disciplinary emphasis, promotion of novel multidisciplinary research and translation into practice, the Institute aims to assume a role of leadership in RDR both in the UK and internationally. The Institute is hosted in the Faculty of Mathematics and Physical Sciences (MAPS), but operates across UCL, spanning earth and space sciences, statistics, engineering and development planning, global health, environment, climate and water, social science and gender studies, and contributes to UCL's Grand Challenges. It has a leading role in the UCL Humanitarian Institute.

The IRDR has 8 members of academic staff, 4 of whom are jointly appointed with the UCL departments of (1) Space and Climate Physics, (2) Statistical Sciences, (3) Earth Sciences, and (4) Institute for Global Health, and is strongly transdisciplinary. It has 4 members of professional services staff. Growth of the IRDR is a strategic priority of the MAPS Faculty.

Research

The IRDR has established and is developing research around several themes within the broad field of Risk and Disaster Reduction. These themes include natural and technological hazards, socio-economic issues in DRR, health emergencies, big data, business continuity and gender responsive resilience. It hosts the new IRDR Centre for Gender and Disaster and the IRDR Centre for digital Public Health in Emergencies. The IRDR has 12 members of research staff ranging from research assistants to professorial research associate, a number of visiting international researchers and a research student population of 25.

Teaching

The IRDR runs three taught masters programmes with over 40 students and an MRes. It is intending launching an undergraduate programme in humanitarian science and studies with the UCL Humanitarian Institute.

Knowledge Exchange, Public Policy, Impact and Enterprise

Knowledge exchange, policy, impact and enterprise are core to the mission of the IRDR which it seeks to fulfil by publishing high-impact reports, media engagement and building long-term partnerships, supported by the IRDR Enterprise and Promotions Manager.

IRDR members of have joined *Earthquake Engineering Field Investigation Team (EEFIT)* missions and have contributed to the multidisciplinary EEFIT reports, which have been drawn on extensively by the UK Cabinet Office. They engage in Safer Schools programmes. IRDR staff contributed substantially to the UCL-Lancet Commission on Migration and Health. The IRDR has close links with Resilience First, the business representative grouping, London Resilience (London Government) and UK Government, including the Cabinet Office and is developing links with intergovernmental organizations such as the International Migration Organization, UN Women and humanitarian NGOs.

UCL IRDR runs regular events to engage the public and potential partners in issues relating to risk and disaster reduction.

General

The IRDR is located in the South Wing of the central UCL building in the main campus with research rooms for research staff and students.

The IRDR runs a seminar series and holds regular public events, such as an open Annual Conference and contributes to the UCL Humanitarian Summit and other activities. There are many other academic and practitioner seminars and meetings in central London.

University College London JOB DESCRIPTION

Title: Lecturer in Risk and Disaster Science
Department: Institute for Risk and Disaster Reduction
Reports to: Director
Grade: Grade 8
Salary (inclusive of London allowance): £43,884 to £51,769 per annum
Hours per week (%FTE): 36.5 (100% FTE)
Duration: Open ended
Probation period: 3 years
We will consider applications to work on a part time, flexible or job share basis wherever possible

Main purpose of the job: To carry out research, teaching and administration within the IRDR, especially in the transdisciplinary area of risk and disaster science, including the physical sciences, modelling, scientific approaches to disaster risk reduction, assessment of vulnerability, and statistical underpinning of natural and anthropogenic hazard risks. These include (but are not limited to) geophysical, hydro-meteorological, climate-related, health and technological hazard risks.

Main duties and responsibilities:

1. To carry out transdisciplinary research and produce publications, or other research outputs, of International significance, in the area of risk and disaster science, in line with personal objectives agreed in the staff review process.
2. To teach at undergraduate and graduate levels in areas of risk and disaster science allocated and reviewed from time to time by the Director.
3. To act as PI on research grants in the IRDR in the area of risk and disaster science.
4. To secure further research funding in the areas of risk and disaster science.
5. To tutor and supervise taught undergraduate, graduate (Masters) and research graduate (MPhil/PhD) students.
6. To develop, plan and implement a high-quality curriculum.
7. To develop learning materials, preparing schemes of work and maintain records to monitor student progress, achievement and attendance.
8. To participate in IRDR and faculty seminars and other activities aimed at sharing research outcomes and building interdisciplinary collaboration.
9. To participate in the development, administration and marking of exams and other assessments.
10. To provide pastoral care and support to students.
11. To lead the administration of the IRDR's programmes of study, in particular lead the undergraduate teaching, and other activities as requested.
12. To contribute to IRDR, faculty, or UCL working groups or committees as requested.
13. To maintain own continuing professional development.
14. To actively follow and promote UCL policies, including Equal Opportunities.
15. To maintain an awareness and observation of fire and health and safety regulations.
16. To carry out any other duties commensurate with the grade and purpose of the post.
17. To contribute to the intellectual life of the IRDR and the Humanitarian Institute.

All academic staff are expected to demonstrate their ongoing commitment to academic excellence; that is, to the conduct of research, publication, teaching, enabling and other forms of knowledge transfer, at the highest levels of international achievement. For more information on UCL standards click <http://www.ucl.ac.uk/excellence/>

This job description reflects the present requirements of the post, and as duties and responsibilities change/develop, the job description will be reviewed and be subject to amendment in consultation with the postholder.

Lecturer in Risk and Disaster Science

Person Specification

1. Knowledge

Essential: Excellent interdisciplinary knowledge of risk and disaster science.

Desirable: Knowledge of natural and anthropogenic hazards.
Knowledge of disaster risk reduction.
Knowledge of assessment of vulnerability.

2. Skills

Essential: Teaching and other forms of public presentation.
Proven ability to supervise academic work.
Proven ability to manage time and work to strict deadlines.
Ability to write clearly and tailor communication style to meet the needs of the recipient.
Proven ability to conduct high quality research demonstrated through authorship of high quality publications within the field of risk and disaster science.

Desirable: Track record of winning competitive research funding.

3. Aptitude

Essential: Ability to work collaboratively in an interdisciplinary and international context.
Ability to organise and manage undergraduate and masters programmes and other department initiatives.

4. Qualifications

Essential: PhD in a field related to risk and disaster science.

Desirable: Relevant higher education teaching qualification.

5. Previous Experience

Essential: Researching risk and disaster science.
Teaching risk and disaster science.
Assessment of student work.

Desirable: Working with governments and NGOs.
Experience with disaster risk reduction.
Curriculum design.

6. Personal Qualities

Essential: Commitment to academic research.
Commitment to high quality teaching and fostering a positive learning environment for students.
Commitment to continuous professional development.
Commitment to UCL's policy of equal opportunity and the ability to work harmoniously with colleagues and students of all cultures and backgrounds.