



Job Description

College/Management Unit	UCD College of Science
School/Unit	UCD School of Mathematical Sciences
Post Title & Subject Area (if relevant)	Professor of Meteorology & Climate Science
Post Duration	Permanent
Grade	Professor
Job Grading Reference No.	N/A
Reports to	Head of School of Mathematical Sciences
HR Reference No.	005087
HR Administrator	Paul Fitzgerald / Edel Lane

Position Summary

Applications are invited for the post of Professor of Meteorology & Climate Science, in the School of Mathematical Sciences.

The successful candidate will be an outstanding academic who wants to work in a highly interdisciplinary environment and can engage different disciplines to build a world class teaching and research programme. They will undertake and publish high quality research, participate effectively in the School's graduate and undergraduate programmes and will also be expected to play a significant role in bids for national and international research funding.

Salary Scale 2010: €113,604 - €145,952 p.a.

Salary Scale 2011: €102,244 - €131,357 p.a.*

**Applies to all new entrants to public sector as of 01 January 2011.*

Appointment on scale will be made commensurate with qualification and experience.

Principal Duties and Responsibilities

The post holder will have substantial freedom to shape the role and contents of the academic direction of the UCD Meteorology and Climate Centre, but is expected to be active in the following areas.

Teaching:

- Instruct and supervise students of the University in undergraduate and graduate programmes up to and including PhD level
- Undertake a leadership role in teaching and learning, including the development of new programmes
- Actively promote the teaching programmes in meteorology and climate science
- Engage in programme and curriculum design and review, preparation and delivery of lectures and tutorials and in the examination and assessment of students
- Design and implement a range of appropriate methods of teaching and assessment
- Supervise research projects carried out by undergraduate and graduate students to Doctoral level
- Provide academic counselling and advice to students

Research

- Engage actively in research and scholarly activity and undertake and publish high quality research and scholarship in the field of climate science and climate modelling

- Lead, promote and engage in the development of interdisciplinary research initiatives
- Supervise and manage research projects
- Disseminate the results of research through publication in international peer-reviewed academic journals and by other appropriate means
- Engage actively in initiatives to successfully attract research funding
- Provide leadership by coordinating and managing the day-to-day research activities of research groups and the interactions with collaborating partners
- Foster and promote the activities of the UCD Meteorology & Climate Centre
- Establish/maintain links with relevant government agencies and industrial partners.

General

- Participate in and show leadership in the academic administration of the School and appropriate University bodies
- Carry out such specific roles and functions in the School and other University bodies as may be reasonably requested
- Act as a member of such appropriate committees as may be reasonably required
- Engage in appropriate training programmes in the University
- Promote the development of the School and the University
- Maintain the highest professional standards enhancing School and University performance
- Contribute to the academic life of the School, College and University and to the wider educational community
- Undertake other such duties as directed by the Head of School in line with the contract of employment.
- Undertake such other duties as may be reasonably requested, commensurate with the nature and grade of the post

Selection Criteria

Selection criteria outline the qualifications, skills, knowledge and/or experience that the successful candidate would need to demonstrate for successful discharge of the responsibilities of the post. Applications will be assessed on the basis of how well candidates satisfy these criteria.

Mandatory

Candidates should have:

- A PhD in Meteorology or Climate Science, and significant doctoral experience in an academic environment.
- An excellent record of peer-reviewed publications of international standing in relevant disciplinary areas.
- Proven experience in establishing and managing meaningful and productive partner relationships across boundaries between scientific disciplines and cultures, and academia and industry.
- A demonstrated commitment to excellence and innovation in undergraduate and graduate teaching and learning at University level in a relevant disciplinary area including evidence of successful supervision to completion of doctoral students.
- Demonstrated achievement in an academic leadership function.
- Excellent project management skills on all levels from direct management to the design and implementation of strategic plans.
- Excellent people-management skills: the ability to manage individuals and teams in a positive and proactive way; strong negotiation and conflict resolution skills.
- Excellent track record of winning significant research funding and managing major research projects.

Desirable

- Experience in designing and implementing comprehensive postgraduate programmes in climate science
- Recently published research on modelling climate and climate change.

Further Information for Candidates

Supplementary information

The University:	http://www.ucd.ie/aboutucd.htm
The School/Programme Office/Unit:	http://mathsci.ucd.ie/
Other (Please specify):	http://mathsci.ucd.ie/met UCD & Climate Centre

Relocation Expenses

X Will apply

Informal Enquiries ONLY to:

Name:	Dr Patrick Murphy
Title:	Head of School
Email address:	patrick.murphy@ucd.ie
Telephone:	+353-1-7167641

Particular to this position

Conditions specific to this post (if any):

- N/A