



Faculty of Science & Health

SCHOOL OF CHEMICAL SCIENCES

Professor of Nanomaterials (Permanent Post)

Dublin City University (www.dcu.ie) is a research-intensive, globally-engaged, dynamic institution that is distinguished both by the quality and impact of its graduates and by its focus on the translation of knowledge into societal and economic benefit. Excellence in its education and research activities has led to its ranking in the top 2% of universities globally and its consistent position in the top 50 of the world's young universities (QS Top 50 under 50). DCU is Ireland's fastest growing university and its next phase of major development involves strategic investments of more than €0.3bn, including a €0.2bn campus development plan. The School of Chemical Sciences (SCS) is one of the leading academic schools within DCU. The SCS is ranked in the top 250 chemistry schools/departments in the world, a reflection of the School's ambitious research activities and its undergraduate/postgraduate degree programmes. The SCS now plans to build upon this success by creating a new critical mass in the area of nanomaterials/materials sciences. As part of this initiative, the SCS will make an appointment at full Professor level (permanent).

This is a new appointment and is an indication of a firm commitment by the University to the development of nanomaterials/materials science within the SCS at DCU. The successful candidate will also lead the SCS involvement in the newly-established Nano-Bioanalytical Research Facility (NRF) at DCU (<https://www4.dcu.ie/research/infrastructure/NRF.shtml>) Applications for the Professorship will be considered from any area of materials science but would be particularly welcomed from the areas of:

- nano-materials
- soft materials
- organic hybrids
- self-assembly
- polymers

The post holder will have established a highly competitive research programme in one or more of the above areas with evidence of significant success in attracting external funding. The successful candidate will also be required to make a contribution to the School's undergraduate degrees and undertake certain administrative functions related to the activities of the School of Chemical Sciences and Faculty of Science and Health.

The School

The School of Chemical Sciences at Dublin City University is strongly committed to the delivery of high quality educational programs in Chemical and Pharmaceutical Sciences, Analytical Sciences and Environmental Sciences and has a strong commitment to research excellence as evidenced by the

School's outstanding publication output. The School has access to world class research facilities on campus that includes:

- HPLC, UPLC, SFC, LC-MS, MALDI high resolution mass spectrometry facilities, GC-MS
- XRD and x-ray crystallography
- SEM, FeSEM, particle size analysis (including DLS Malvern NanoZS)
- Thermal analysis, Raman, Chirascan-plus Circular Dichroism, FTIR – ATR, ICP

Members of the School are also highly actively involved in the University designated research centres (<http://www.dcu.ie/research/institutes.shtml>) and members of staff have full access to the research centre's facilities and equipment, including the newly opened state-of-the-art Nano-Bioanalytical Research Facility (NRF) at DCU (<https://www4.dcu.ie/research/infrastructure/NRF.shtml>).

Informal enquiries to:

Dr Kieran Nolan, Head of School, School of Chemical Sciences, Dublin City University, Dublin 9.

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Salary scale:

Professor €106,516 – €136,276*

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

Closing date: 5th August 2016

Application Procedure:

Application forms are available from the DCU Current Vacancies (Open Competitions) website at <http://www4.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149; Fax: +353 (0)1 700 5500 Email: hr.applications@dcu.ie

**Please clearly state the role that you are applying for in your application and email subject line:
Job Ref. #354 Professor of Chemical Sciences**

Applications should be submitted by e-mail to hr.applications@dcu.ie or by Fax: +353 (0)1 700 5500 or by post to the Human Resources Department, Dublin City University, Dublin 9, Ireland.

Dublin City University is an equal opportunities employer

