

Post Specification

Post Title:	Teaching Fellow
Post Status:	Specific Purpose Contract
Discipline / School:	School of Natural Sciences/Geology, Trinity College Dublin, the University of Dublin
Location:	School of Natural Sciences, Trinity College Dublin, the University of Dublin, College Green, Dublin 2, Ireland
Reports to:	Head of School
Salary:	Appointment will be made on the Teaching Fellow scale at a point in line with Government Pay Policy [€36,369 to €47,234 per annum]
Hours of Work:	Ful-Time
Closing Date:	12 Noon (GMT), 22 nd April 2022

Post Summary

This is a full-time appointment in environmental geoscience on a specific purpose contract.

Geology is a mid-sized discipline with a strong emphasis on both research and teaching in the geosciences. This especially includes fieldwork and laboratory-based teaching activities. This position will involve preparing and delivering teaching modules for undergraduate and postgraduate students, both in classroom and fieldtrip settings. The position will enable the individual to raise funds to pursue high impact research.

Standard Duties and Responsibilities of the Post

- Shape and teach significant portions of several environmental geoscience courses to undergraduate students and to postgraduate students in the School's Taught Masters programmes.
- Actively co-lead field trips, both of daily and longer duration, in Ireland and/or abroad.
- Coordinate and supervise "capstone" research dissertation projects for final year undergraduate students and contribute to the effective delivery of postgraduate Taught Masters desk studies and research dissertations.

- Assess classroom, laboratory and field projects for undergraduate and postgraduate students.
- Engage in scientific research.
- Engage in outreach pertinent to teaching and research.
- Participate and provide input at School and Discipline meetings and on assigned committees.
- Carry out occasional other duties as required by the Head of School or another person authorised by the Head of School.

Person Specification

Qualifications

A PhD and background in a subject that relates to environmental geosciences is mandatory. This might especially include aspects of hydrogeology and aqueous geochemistry, including groundwater studies, karst systems, and peatlands.

Knowledge & Experience (Essential & Desirable)

The role-holder will require the following knowledge, skills and attributes for successful performance in the role:

- Previous university level teaching experience is desirable.
- The ability to work in a team and to learn and to perform multiple tasks is necessary.
- Contribute to both face to face and virtual teaching at undergraduate and postgraduate level.
- A good record of conducting research pertinent to environmental geoscience.
- Ability to undertake administrative responsibilities as required by the Discipline, School and University.

Skills & Competencies

- Well developed written and verbal communication and lecture presentation skills and interpersonal skills.
- Organisational skills necessary to the performance of teaching, research and administration.

Further Information for Applicants

Informal enquiries concerning the post should be addressed to Professor Gerald Dickens, Head of Geology, dickensg@tcd.ie.

URL Link to Area	www.tcd.ie
URL Link to Human Resources	https://www.tcd.ie/hr/

School of Natural Sciences

The School of Natural Sciences, comprises the Disciplines of Botany, Geography, Geology, and Zoology, and the Centre for the Environment. It is one of the largest schools in the Faculty of Science, Technology, Engineering and Mathematics and hosts biological, physical and social scientists. The School currently accommodates ca. 46 academic staff, ca. 45 postdoctoral research fellows and ca. 164 postgraduate students (including 89 research and 75 taught students). The School of Natural Sciences is one of the first in Ireland to hold an Athena SWAN bronze award for addressing issues in gender inequality. The School's taught programmes are varied as the School offers moderatorships (undergraduate degrees) in Environmental Sciences, Botany, Earth Sciences, Geography, Geology, and Zoology and contributes to other moderatorships including Neurosciences, Geography and Political Science and the Joint Honours Programme (<http://www.naturalscience.tcd.ie/undergraduate/>). A new E3 joint moderatorship in Environmental Science and Engineering welcomed its first cohort in September 2021. The School also has a major commitment to graduate teaching and supervision and currently hosts four MSc taught programmes (<http://www.naturalscience.tcd.ie/postgraduate/>).

E3 Initiative (Engineering, Environment and Emerging Technologies)

Trinity College Dublin is embarking on an ambitious project to expand education and research activities across three of its Schools: Computer Science & Statistics, Engineering, and Natural Sciences. Recognising the importance for humanity of addressing the challenge of sustainable technological development, the expansion of the three Schools is being executed as a single strategic activity - the E3 initiative.

The E3 initiative is premised on the realisation that:

- human inquisitiveness is unquenchable and the need and desire for advanced technologies is a positive characteristic of the human spirit; and

- the natural capital of the planet is finite and should be used to provide flows of goods and services sustainably and equitably.

With the E3 initiative, Trinity promotes the vision of a society where the interdependence between technological innovation and our natural capital is advanced by world-leading research, education and entrepreneurship. The E3 initiative will position Ireland at the forefront of research in Science, Technology, Engineering, and Mathematics (the STEM disciplines), that are crucial for future economic competitiveness. It will educate engineers and scientists for employment in existing and new technology sectors, equip them with the skills and attributes to lead in the creation of new businesses, and place Ireland in a leadership role globally for the quality of graduates in the STEM disciplines. <https://www.tcd.ie/e3>.

Trinity College Dublin, the University of Dublin

Trinity is Ireland's leading university and is ranked 108th in the world (QS World University Rankings 2020). Founded in 1592, the University is steeped in history with a reputation for excellence in education, research and innovation.

Located on an iconic campus in the heart of Dublin's city centre, Trinity has 18,000 undergraduate and postgraduate students across our three faculties – Arts, Humanities, and Social Sciences; Engineering, Mathematics and Science; and Health Sciences.

Trinity is ranked as the 17th most international university in the world (Times Higher Education Rankings 2020) and has students and staff from over 120 countries.

The pursuit of excellence through research and scholarship is at the heart of a Trinity education, and our researchers have an outstanding publication record and strong record of grant success. Trinity has developed 19 broad-based multidisciplinary research themes that cut across disciplines and facilitate world-leading research and collaboration within the University and with colleagues around the world. Trinity is also home to 5 leading flagship research institutes:

- Trinity Biomedical Sciences Institute (TBSI)

- Trinity College Institute of Neuroscience (TCIN)
- Trinity Translational Medical Institute (TTMI)
- Trinity Long Room Hub Arts and Humanities Research Institute (TLRH)
- Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN)

Trinity is the top-ranked European university for producing entrepreneurs for the past five successive years and Europe's only representative in the world's top-50 universities (Pitchbook Universities Report).

Trinity is home to the famous Old Library and to the historic Book of Kells as well as other internationally significant holdings in manuscripts, maps and early printed material. The Trinity Library is a legal deposit library, granting the University the right to claim a copy of every book published in Ireland and the UK. At present, the Library's holdings span approximately 6.5 million printed items, 400,000 e-books and 150,000 e-journals. With over 120,000 alumni, Trinity's tradition of independent intellectual inquiry has produced some of the world's finest, most original minds including the writers Oscar Wilde and Samuel Beckett (Nobel laureates), the mathematician William Rowan Hamilton and the physicist Ernest Walton (Nobel laureate), the political thinker Edmund Burke, and the former President of Ireland Mary Robinson. This tradition finds expression today in a campus culture of scholarship, innovation, creativity, entrepreneurship and dedication to societal reform.

Rankings

Trinity is the top ranked university in Ireland and ranked 108th in the world (QS World University Rankings 2020). Trinity ranks in the top 50 in the world on 4 subjects and in the top 100 in 18 subjects (QS World University Rankings by Subject 2020). Full details are available at: www.tcd.ie/research/about/rankings.

The Selection Process in Trinity

The Selection Committee (Interview Panel) may include members of the Academic and Administrative community together with External Assessor(s) who are expert in the area. Applications will be acknowledged by email. If you do not receive confirmation of receipt within 1 day of submitting your application online, please contact the named Recruitment Partner on the job specification immediately and prior to the closing date/time.

Given the degree of co-ordination and planning to have a Selection Committee available on the specified date, the University regrets that it may not be in a position to offer alternate selection dates. Where candidates are unavailable, reserves may be drawn from a shortlist. Outcomes of interviews are notified in writing to candidates and are issued no later than 5 working days following the selection day.

In some instances the Selection Committee may avail of telephone or video conferencing. The University's selection methods may consist of any or all of the following: Interviews, Presentations, Psychometric Testing, References and Situational Exercises.

It is the policy of the University to conduct pre-employment medical screening/full pre-employment medicals. Information supplied by candidates in their application (Cover Letter and CV) will be used to shortlist for interview.

Applications from non-EEA citizens are welcomed. However, eligibility is determined by the Department of Business, Enterprise and Innovation and further information on the Highly Skills Eligible Occupations List is set out in Schedule 3 of the Regulations <https://dbei.gov.ie/en/What-We-Do/Workplace-and-Skills/Employment-Permits/Employment-Permit-Eligibility/Highly-Skilled-Eligible-Occupations-List/> and the Ineligible Categories of Employment are set out in Schedule 4 of the Regulations <https://dbei.gov.ie/en/What-We-Do/Workplace-and-Skills/Employment-Permits/Employment-Permit-Eligibility/Ineligible-Categories-of-Employment/> . Non-EEA candidates should note that the onus is on them to secure a visa to travel to Ireland prior to interview. Non-EEA candidates should also be aware that even if successful at interview, an appointment to the post is contingent on the securing of an employment permit.

Equal Opportunities Policy

Trinity is an equal opportunities employer and is committed to employment policies, procedures and practices which do not discriminate on grounds such as gender, civil status, family status, age, disability, race, religious belief, sexual orientation or membership of the travelling community. On that basis we encourage and welcome talented people from all backgrounds to join our staff community. Trinity's Diversity Statement can be viewed in full at <https://www.tcd.ie/diversity-inclusion/diversity-statement>.

Pension Entitlements

This is a pensionable position and the provisions of the Public Service Superannuation (Miscellaneous Provisions) Act 2004 will apply in relation to retirement age for pension purposes. Details of the relevant Pension Scheme will be provided to the successful applicant.

Applicants should note that they will be required to complete a Pre-Employment Declaration to confirm whether or not they have previously availed of an Irish Public Service Scheme of incentivised early retirement or enhanced redundancy payment. Applicants will also be required to declare any entitlements to a Public Service pension benefit (in payment or preserved) from any other Irish Public Service employment.

Applicants formerly employed by the Irish Public Service that may previously have availed of an Irish Public Service Scheme of Incentivised early retirement or enhanced redundancy payment should ensure that they are not precluded from re-engagement in the Irish Public Service under the terms of such Schemes. Such queries should be directed to an applicant's former Irish Public Service Employer in the first instance.

Application Procedure

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Applicants should submit a full Curriculum Vitae to include the names and contact details of 2 referees (including email addresses), to:-

Professor Gerald Dickens

dickensg@tcd.ie



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