



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

Post Specification (Comp: 031966)

Post Title:	William C. Campbell Lectureship in Parasite Biology
Post Status:	Five-year contract with a view to permanency (Full time)
Department/Faculty:	School of Natural Sciences, Faculty of Engineering, Mathematics & Science, Trinity College Dublin, the University of Dublin
Location:	Discipline of Zoology, School of Natural Sciences, Trinity College Dublin, the University of Dublin College Green, Dublin 2, Ireland
Reports to:	Head of School of Natural Sciences
Salary:	Appointment will be made on the Lecturer Merged Salary Scale at a point in line with Government Pay Policy (€32,540 to €46,615 per annum), appointment will be made no higher than point 8 (€46,615)
Hours of Work:	Hours of work for academic staff are those as prescribed under Public Service Agreements. For further information please following link below: http://www.tcd.ie/hr/assets/pdf/academic-hours-public-service-agreement.pdf
Closing Date:	12 Noon (Irish Standard Mean Time), Monday 9th January 2017

Post Summary

The School of Natural Sciences seeks to appoint a lecturer in Parasite Biology. This post was created by the Provost of Trinity College, to honour Trinity Zoology alumnus, Professor William C. Campbell, who was awarded the Nobel Prize for Physiology or Medicine in 2015, in recognition of his discovery of the antiparasitic drug Ivermectin.



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

Parasite Biology encompasses all aspects of parasitology and host-parasite relationships including parasite ecology and epidemiology, biochemistry, molecular biology and genetics.

It is envisaged that the candidate's research will be relevant to current national and international research priorities in biology. A strong track record in publication is expected and the appointee will be required to compete for national and international research funding (e.g. SFI; EPA; EU Horizon 2020; ERC; DAFM, Wellcome Trust) and to build a dynamic research group with international recognition. The appointee's research will provide opportunities for cross disciplinary research among Schools and within the Trinity Centre for Biodiversity Research (TCBR) and The Trinity Centre for the Environment. The appointee will support the University's Strategic Plan by strengthening the biological aspects of one or more of the University's research themes <https://www.tcd.ie/research/themes/>. The post will support the proposed new agenda and mission of the E3 initiative, the Engineering, Energy and Environment Institute (<http://www.tcd.ie/E3/>).

The Assistant Professor will contribute to teaching in the School at undergraduate level, chiefly to the Science (TR071) Course in the Freshman years (years 1 & 2) and to relevant modules in the Zoology and Environmental Science degree programmes in Sophister years (years 3 & 4), notably in the areas of animal diversity, parasitology, infection and possibly aspects of quantitative biology. They may contribute to the School's taught MSc programmes.

Background to the Post

In 2015, Professor William C. Campbell was awarded the Nobel Prize for Physiology of Medicine for his discovery of the anti-parasitic drug Ivermectin. On September 30th, 2016, Professor Campbell visited Trinity College and at a special reception to



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

mark his visit, The Provost of Trinity College, announced the creation of a lectureship in his name. During his visit, Professor Campbell described how, as an undergraduate student of Zoology in Trinity, he had been inspired to study Parasitology by Professor J.D. Smyth.

This Assistant Professorship post strategically targets an important and vibrant research area that is core to activities of the School of Natural Sciences, the E3 Institute and the associated research centres (The Centre for Biodiversity Research and The Centre for the Environment). A high quality teaching, outreach and research resource exists in the Zoological Museum <https://www.tcd.ie/Zoology/museum/> which has recently been awarded full accreditation from the Museum standards Programme for Ireland.

Trinity has a high international standing in the area of animal biology which stems from the high calibre staff in Zoology and Botany and from the network of links extending from them to the wider School through multidisciplinary research. Our academic and research staff cover an impressive range of scholarship and expertise. We attract high quality PhD students from both national and international backgrounds.

The appointee will become part of a lively and diverse School, comprising the Disciplines of Botany, Geography, Geology and Zoology and the associated Centre for the Environment and Centre for Biodiversity Research. The staff of the School of Natural Sciences work under the single overarching theme 'Biodiversity and the Environment' underpinned by four subthemes: Ecology and Evolution; Earth and Environmental Science; Society, Space and Environment; and Molecular and Comparative Physiology. The appointee will contribute to and ideally promote synergy among some of these sub-themes. They will be expected to enhance research-led teaching in the School, increasing opportunities for graduate research.



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

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Standard duties of the Post

The individual appointed, whilst being based in Zoology, will be expected to foster interdisciplinary, collaborative research and teaching. Staff in Zoology currently work on a wide range of organisms from microbes to plants and animals in both aquatic and terrestrial ecosystems. The appointee will be expected to develop an internationally recognised research profile whilst contributing to undergraduate and postgraduate level teaching and to the supervision of research students. The successful candidate will also undertake such administrative responsibilities as directed by the Head of School or their nominee; these will, however, be kept to a minimum during the first year of appointment.

The appointee will take on teaching duties at Freshman level (Years 1 & 2). They will play a key role in the development and teaching of the moderatorships in Zoology, Environmental Sciences and Plant Sciences as appropriate.

They may also be asked to contribute to other School modules and a Broad Curriculum module. Undergraduate teaching will involve giving lectures, seminars and tutorials; setting and marking exams; organising and teaching practical classes; supervising projects; and organising and running field courses both locally and abroad. The appointee may participate in and develop the teaching of one or more of the School's taught postgraduate courses such as the M.Sc. in Environmental Science, M.Sc. in Biodiversity and Conservation, Masters in Development Practice, and taught modules for Ph.D. students. Teaching loads will be gradually increased in



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

the initial years following appointment to facilitate the development of an active research group.

The appointee will be expected to be proactive in raising funds and engaging in international networks to support research, including funds to support postgraduate research students, research fellows and/or research assistants. They will be expected to act as supervisor or co-supervisor to research students, and to continue to recruit new research students annually. The appointee will also contribute to outreach and the promotion of ecology and environmental sciences in the wider community.

Location and Facilities

The Zoology Building is located on the main campus, additional facilities are available on campus or within a short distance of the city centre of Dublin. The appointee will have access to a wide range of research facilities which the appointee will be expected to develop further. Facilities include modern molecular biology labs, parasitology labs and newly renovated aquatic and terrestrial ecology research laboratory space, the Zoology Museum, Botanic Gardens, Herbarium and analytical laboratories associated with the Centre for the Environment and the Geochemistry Laboratory in Geology.

Person Specification

Qualifications

- Candidates must hold a PhD in a relevant research area and be able to demonstrate a proven track record in the field of parasite biology.

Knowledge and Experience

Research



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The University of Dublin

Essential

- Evidence of research potential and achievements, including publications, in a cognate area.
- Proven ability and evidence of potential to attract national and international research grants in a relevant field.
- an ability to conduct research in a relevant area and to supervise research projects

Desirable

- Participation in research seminars and conferences.

Teaching

Essential

- Experience of teaching at undergraduate level.
- Competent lecturer employing innovative approaches to learning and teaching.
- Evidence of a personal contribution and commitment to excellence in teaching.
- an ability to develop and coordinate relevant teaching modules

Desirable

- Experience of research student supervision.
- Experience of supervising undergraduate dissertations.
- Experience of teaching at Masters level.
- Experience of developing new modules and teaching material, including online platforms.
- Experience of working collaboratively and effectively in an interdisciplinary environment.



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Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

Administration

Essential

- Evidence of potential competence in the administration of academic programmes.
- Excellent organisational and administrative skills.
- experience of organizing research seminars, recruitment initiatives and other activities

Other essential attributes

- A commitment to student care.
- A commitment to own professional development.
- A collaborative leadership and working style, with openness to collaboration with colleagues in other disciplines.
- A commitment to scholarship.
- A commitment to the contribution of knowledge to society.
- Ability to work effectively as member of a team.
- Honesty and integrity.
- Excellent communication skills.
- Demonstrate willingness to contribute to the Discipline, School, College and to the wider community.
- Career driven, enthusiastic and motivated

The School of Natural Sciences

The School of Natural Sciences, comprising the Disciplines of Botany, Geography, Geology and Zoology, the Centre for the Environment and the Centre for Biodiversity Research, is one of the largest schools in the Faculty of Engineering, Mathematics and Science and hosts biological, physical and social scientists. The School currently accommodates 40 academic staff, ca. 14 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

<http://www.naturalscience.tcd.ie/news/articles/2015/athenaswan.php>.

The School's taught programmes are varied as the School offers moderatorships (undergraduate degrees) in Earth Sciences, Environmental Sciences, Geography, Geology, Plant Sciences and Zoology and contributes to other moderatorships including Neurosciences, Geography and Politics and to the Two Subject Moderatorship (TSM) programme

(<http://www.naturalscience.tcd.ie/undergraduate/>). The School has also a major commitment to graduate teaching and supervision and currently hosts three taught masters programmes (<http://www.naturalscience.tcd.ie/postgraduate/>).

Further information

For further information about the Discipline of Zoology and School of Natural Sciences see <http://www.tcd.ie/Zoology/> and www.naturalscience.tcd.ie

Candidates wishing to discuss the lectureship post informally and in confidence should email Professor Celia Holland, Zoology: cholland@tcd.ie or Professor Fraser Mitchell, Head of School: fraser.mitchell@tcd.ie

URL Link to Area	http://naturalscience.tcd.ie/
URL Link to Human Resources	http://hr.tcd.ie/

Application Information

In order to assist the selection process, candidates should submit their Curriculum Vitae with the names and contact details of three referees and a cover letter that includes a research plan for the next five years including funding to be sought



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

(maximum 2 pages) and a teaching statement summarising teaching experience and approach (maximum 2 pages).

Candidates who do not address the application requirements above will not be considered at the shortlist stage.

The interview process for this appointment will include the delivery of a presentation.

Trinity College Dublin, the University of Dublin

Founded in 1592, Trinity is at the nexus of tradition and innovation, offering undergraduate and postgraduate programmes across 24 schools and three faculties: arts, humanities, and social sciences; engineering, maths and science; and health sciences. Spread across 47 acres in Dublin's city centre, Trinity's 17,000-strong student body comes from all 32 counties of Ireland, and 16% of students come from outside the country. Of those, 40% are from outside the European Union, making Trinity's campus cosmopolitan and bustling, with a focus on diversity.

As Ireland's leading university, the pursuit of academic excellence through research and scholarship is at the heart of the Trinity education. Trinity is known for intellectual rigour, excellence, interdisciplinarity, and research-led teaching. Home to Nobel prize-winners such as scientist Ernest Walton and writer Samuel Beckett, Trinity draws visitors from across the world to its historic campus each year, including to the Book of Kells and Science Gallery which capture the university's connection to both old and new.

Trinity accounts for one-fifth of all spin-out companies from Irish higher education institutions, helping to turn Ireland into an innovation-intensive, high-productivity



economy. That culture of innovation and entrepreneurship is a defining characteristic of our campus as we help shape the next generation of job creators.

Trinity has developed significant strength in a broad range of research areas, including the 19 broadly based multi-disciplinary thematic research areas.



Ireland's first purpose-built nanoscience research institute, CRANN, houses 150 scientists, technicians and graduate students in specialised laboratory facilities. Meanwhile, the state-of-the-art Biomedical Sciences Institute is carrying out breakthrough research in areas such as immunology, cancer and medical devices.

The Old Library, which houses the Long Room in Trinity, is the largest research library in Ireland, with a collection of six million printed items, 500,000 maps, 80,000 electronic journals, and 350,000 electronic books. Some of the world's most famous



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

scholars are graduates of Trinity, including writer Jonathan Swift, dramatist Oscar Wilde, philosopher George Berkeley, and political philosopher, and political theorist Edmund Burke. Three Trinity graduates have become Presidents of Ireland - Douglas Hyde, Mary Robinson and Mary McAleese.

Trinity College Dublin World University Rankings

Trinity is the highest ranked university in Ireland, and among the world's leading higher education institutions.

Overall

- Trinity is Ireland's No.1 University in the QS World University Ranking, THE World University Ranking and the Academic Ranking of World Universities (Shanghai).
- Trinity is ranked 78th in the world and 27th in Europe in the 2015/2016 QS World University Ranking across all indicators.

Internationalisation

- Trinity is ranked 35th in the world in terms of International Outlook in the Times Higher Education World University Ranking 2015/2016.

Teaching Performance

- Trinity is ranked in the top 20% of universities in the world in terms of Teaching Performance in the Times Higher Education World University Ranking 2015/2016.

Research Performance

- Trinity ranks in the top 1% of research institutions in the world in the following 17 Essential Science Indicators fields (an increase of over 150% from 2004): Physics, Chemistry, Engineering, Social Sciences (General), Immunology, Neurosciences, Nanosciences, Materials Science, Pharmacy and Toxicology, Molecular Biology and Genetics, Biology and Biochemistry,



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

Microbiology, Plant and Animal Science, Clinical Medicine, Agriculture,
Psychiatry/Psychology, Environment/Ecology.

In the QS Subject Rankings 2015*:

Trinity College Dublin features in the world's elite (Top 200) institutions in 25 of the 28 subjects in which it was evaluated by the QS World University Rankings by Subject 2015. Of these, Trinity ranks in the top 100 in the world in 14 subjects and in the top 5 in the world in 5 subjects.

Top 50

- Trinity is ranked 32nd in the world in English Language and Literature.
- Trinity is ranked 33rd in the world in Politics and International Studies.
- Trinity is ranked 39th in the world in History.
- Trinity is ranked 48th in the world in Biological Sciences.
- Trinity is ranked 49th in the world in Modern Languages.

Top 100

- Trinity is in the top 100 in the world in Chemistry.
- Trinity is in the top 100 in the world in Computer Science and Information Systems.
- Trinity is in the top 100 in the world in Geography.
- Trinity is in the top 100 in the world in Medicine.
- Trinity is in the top 100 in the world in Pharmacy and Pharmacology.

* QS Subject Rankings 2015: www.topuniversities.com/subject-rankings



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

The Selection Process in Trinity

- The Selection Committee (Interview Panel) will include members of the Academic community together with an External Assessor who is an expert in the area.
- Applications will be acknowledged by email. If you do not have confirmation of receipt within 1 day of submitting your application online, please get in touch with us 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, Trinity 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 College's selection methods may consist of any or all of the following:
 - Interviews
 - Presentations
 - Psychometric Testing
 - References



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

- It is the policy of the College 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.

Equal Opportunities Policy

Trinity College 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 College'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



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

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

Candidates should submit a curriculum vitae to include the names and contact details of 3 referees (email addresses if possible) and a cover letter that includes a research plan (summarising research to be carried out in the next five years and including details for funding to be sought – maximum 2 pages), and a teaching statement (summarising teaching experience and approach – maximum 2 pages) **by**

e-Recruitment:

APPLICATIONS WILL ONLY BE ACCEPTED BY E-RECRUITMENT

If you have any query regarding this, please contact:

Ms. Kate Mulcahy, Recruitment Partner, Human Resources, House No. 4, Trinity
College Dublin, the University of Dublin

Tel: +353 1 896 1893

Email: mulcahka@tcd.ie



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Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin



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