

PhD Studentship - Sharing Solutions

Post Specification

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| Post Title: | PhD Studentship: Sharing Solutions |
| Post Status: | Full-time |
| Research Group / Department / School: | Geography, School of Natural Sciences, Trinity College Dublin, the University of Dublin |
| Location: | Museum Building, Trinity College Dublin, the University of Dublin, College Green, Dublin 2, Ireland |
| Reports to: | Professor Anna Davies, Principal Investigator |
| Terms & Conditions: | EU Fees and PhD Stipend |
| Hours of Work: | Full time |
| Closing Date: | 12 Noon (GMT), 07 July 2024 |

NOTE: Applicants must have been resident in an EU member state for 3 out of the last 5 years to be eligible for EU fees.

Post Summary

This project will establish and analyse the actual and potential sustainability (i.e. social, economic and environmental) impacts of ICT-mediated food sharing initiatives (FSIs), which include community growing, cooking, eating and surplus food redistribution activities, for waste prevention and reduction in Ireland in order to develop appropriate policy supports to meet SDG Target 12.3: to halve global food waste at the retail and consumer levels and reduce food losses, including postharvest losses, along supply chains by 2030. The PhD student will gain important transdisciplinary and team work skills throughout the project, refining and applying the SHARING SOLUTIONS approach alongside the existing SHARING SOLUTIONS team, developing novel metrics for aggregating sustainability impacts and engaging with FSIs, city and county council officers, food supply actors and researchers to establish impacts and provide policy and practical recommendations. The project has a number of core objectives listed below.

Project Objectives

- To identify, map and categorise all active ICT-mediated FSIs across Ireland using the CULTIVATE European Food Sharing Dictionary and search protocol.
- To calculate average impacts for food waste prevention and reduction for particular types and operating scales of FSIs using data gathered from FSIs using the SHARING SOLUTIONS sustainability impacts assessment (SIA) platform.
- To establish the current cumulative national contribution from FSIs in Ireland to SDG Target 12.3 and establish the potential for expanding this contribution.
- To identify a strategy for optimal creation and valorisation of impacts for waste prevention and reduction from FSIs through policy and other supports.

Qualifications

A high 2.1 or 1st class degree at undergraduate level in geography, environmental or agricultural science, food studies, sustainability science or an affiliated area is essential; a relevant Masters degree is desirable.

Knowledge, skills and experience

The successful candidate will have:

- Knowledge of food systems
- Knowledge of food waste policy and practice
- Knowledge of sustainability impact assessment processes
- Excellent written and oral communication and interpersonal skills
- Excellent qualitative and quantitative research skills
- Basic Wordpress website interaction and management skills
- Experience of collecting and analysing qualitative and quantitative data using online tools
- Experience of stakeholder engagement with private sector food supply actors, policy makers /or food sharing initiatives

Application procedure

Applicants should submit in **one document**: a cover letter setting out your motivation for applying for the role and how your skills meet the requirements set out in this document AND a full Curriculum Vitae to include the names and contact details of 2 referees (including email addresses), by **July 7th Noon (GMT)** to:-

Professor Anna Davies Email: daviesa@tcd.ie

Further Information for Applicants

BiOrbic, Bioeconomy SFI Research Centre is Ireland’s national bioeconomy centre, established to promote and develop Ireland’s bioeconomy through excellent research and innovation. BiOrbic is a national collaboration of over 100+ researchers, focused on the development of a sustainable circular bioeconomy. We work with food producers and industry to create valuable and sustainable bio-based products and services from natural resources. Our researchers work on selectively separating and extracting valued compounds from renewable materials, converting those resources into novel bio-based products and processes, delivering market and industry- scalable sustainable resources. A core purpose of BiOrbic is to engage, involve and empower the public and societal actors with the bioeconomy and our research.

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

Trinity College Dublin, the University of Dublin

Trinity is Ireland's leading university and is ranked 98th in the world (QS World University Rankings 2023). 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 12th most international university in the world (Times Higher Education Rankings 2020) and is also the highest ranked university in Ireland.

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 1st in Europe for Producing Entrepreneurs for the 7th year in a row and Europe's only representative in the world's top-50 universities (Pitchbook University Report 2021- 2022). 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.

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 College Dublin is the top ranked university in Ireland. Using the QS methodology we are ranked 98th in the world and using the Times Higher Education World University Ranking methodology we are 146th in the World.

- Trinity College Dublin is Ireland's No.1 University (QS World University Ranking 2023, Times Higher Education Rankings 2022)
- Trinity is ranked 98th in the World (QS World University Ranking 2023)
- Trinity is ranked No.1 in Europe for Producing Entrepreneurs for the 7th year in a row

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://dbe.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://dbe.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>.

Application Procedure

Applicants should submit in **one document**: a cover letter setting out your motivation for applying for the role and how your skills meet the requirements set out in this document AND a full Curriculum Vitae to include the names and contact details of 2 referees (including email addresses), **July 1st Noon (GMT)** to:-
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