



BIOECONOMY RESEARCH CENTRE

4 YEAR PHD STUDENTSHIP

€18,500 PER ANNUM + €5,500 FEE CONTRIBUTION PER ANNUM

“Public policy and development of the Bioeconomy”

Background

The bioeconomy accounts for 13% of world trade and key elements of the bioeconomy traverse Agriculture, Food, Forestry, Marine, Energy, Chemical and Materials sectors. It offers Ireland significant economic benefits and opportunities to create additional natural bio-value, and in addition to supporting the transition away from a fossil-resource economy, it can help address issues such as climate change and food security. Advancing a bio-based economy requires that policymakers understand how the design of public policy can contribute, or create barriers, to the development of a bio-based market in the wider economy.

PhD Research Study: “Public policy and development of the Bioeconomy”

This PhD study is concerned with exploring the influence of public policy on the development of a bio-based sector of the economy. The research will identify potential barriers to market entry by considering such issues as market failure, labelling/standards, public procurement, product awareness, public subsidies/taxes, licensing, funding, information failures etc. Case study projects with industry partners will be explored to develop recommendations on how transaction costs can be lowered, how market failures may be remedied, and market viability improved through the design of public policy.

Requirements

Applicants should have a good honours degree. A Masters in an appropriate discipline (e.g. Economics, Environmental Policy, Business or related Social Science background) is desirable. The successful candidate should be highly self-motivated, have a strong research capability for data analysis using mixed methods, and be prepared to undertake fieldwork using a range of data collection techniques.

Fellowship Award

This four year SFI PhD Fellowship forms part of a joint research project between the Earth Institute in UCD and the Department of Agrifood Business and Spatial Analysis, Teagasc. The student will be mostly based in UCD. It is intended that the Fellowship will commence on 1st September 2018, or as soon as possible thereafter when the most suitable candidate is appointed. The Fellowship comprises an annual stipend of €18,500 and a €5,500 fee contribution per annum and is tenable for 4 years.

Further Information

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Applications

Interested candidates are requested to submit an electronic copy of their CV and a letter of interest simultaneously to Dr. Eoin O’Neill and Dr. Fiona Thorne by **5 pm June 11th 2018**. Interviews will be held with potential candidates shortly thereafter.

BEACON: Bioeconomy Research Centre

BEACON is a newly established Science Foundation Ireland Research centre that will perform both blue skies and industry focused research to advance the development of a Bioeconomy in Ireland. It brings together a team of researchers from across a range of disciplines including *inter alia* biotechnology, systems and synthetic biology, chemistry, and agriculture, food, marine and social sciences. BEACON is funded by Science Foundation Ireland (SFI) and industry partners. The centre represents a collaboration between University College Dublin, Teagasc, Trinity College Dublin, National University of Ireland, Galway and University of Limerick and a variety of domestic and international industry partners.