**Fully funded 4 yr Ph.D in Marine Ecology available at TCD.**

The Department of Zoology, Trinity College Dublin, is seeking a highly qualified and ambitious candidate to undertake a PhD project that will quantify the impacts of multiple stressors on marine benthic resources.

NOTE: The deadline for receipt of 1st phase applicants is **30th April 2018.**

This project will use novel experimental methods to address research questions that specifically quantify and characterise the independent and cumulative effects of multiple stressors (e.g. ocean warming, nutrient enrichment and acidification) on key ecological processes. The project will focus on processes that underpin the development of benthic species cultivation for biofuel, food and potential biomaterial. For example, seaweed cultivation methods, bivalve production and associated predation rates and their indirect effects on phytoplankton etc.

**The provost Scholarship Project Awards:**

This new award includes:

* Fees for a Ph.D in Science: €7,013 (EU); €13,768 (non-EU)
* Annual stipend: €16,000 for 4 years
* Access to new infrastructure at Trinity College including a mesocosm-based platform - Quantifying the Impacts of Multiple Stressors (QIMS), that includes independently controlled aquaria where environmental conditions are manipulated to represent current and predicted future ocean conditions and a suite of suite of state-of-the-art environmental monitoring equipment and tools for deployment in the field.

**Applications**

You are applying for a highly competitive 4 year fully funded scholarship.

You must have a full, clean driving license, be willing and able to work independently and as part of a team and have a positive attitude.

**Phase 1:**

Send preliminary applications to: Dr O’Connor (n.oconnor@tcd.ie *Please place ‘Provost PhD application’ in the subject line of the email*.

Attach a single PDF Document that contains the following:

* A cover letter: Your letter should clearly set out your suitability and motivation for this PhD with reference to your past relevant experience and achievements.
* A CV that includes your relevant experience, undergraduate results, postgraduate results (if applicable), any relevant publications and contact information for 2 academic referees.

**Phase 2:**

Successful Phase 1 candidates will proceed to Interview.

The successful candidate will then be invited to submit a full application to Trinity College Dublin.

PhD start date is September 1st 2018.

[Dr N O’Connor](https://www.tcd.ie/Zoology/research/research/NessaOConnor/index.php)

[Zoology](https://www.tcd.ie/Zoology/), [School of Natural Sciences](https://naturalscience.tcd.ie/), [Trinity College Dublin](https://www.tcd.ie/).