**DCU Institute of Education**

**Competitive Bursary for PhD Studies (Education for Sustainability)**

**Overview**

To support its growing research programme, the Research Centre of Expertise in Educating for Sustainability (RCE Dublin) in the Institute of Education at Dublin City University wishes to announce a bursary for PhD doctoral studies. The broader research project associated with this bursary aims to investigate approaches to effectively infuse sustainability education in higher education.

This bursary will cover course fees for full-time PhD (up to four years) or part-time PhD study (up to five year) in the aforementioned area. The bursary is open to an applicant who registers in Year 1 of PhD studies in the DCU Institute of Education in September/October 2018. The successful candidate will be part of a community of doctoral scholarship across the Institute and its various research centres.

The Institute of Education is committed to advocating for positive changes and transformations in educational policy-making and practices across the island of Ireland and internationally. It further aims to strengthen the participation and voice of stakeholders, and those who have been marginalised, in matters regarding education research. Therefore, research within the Institute has a particular focus on engagement in high-quality scholarly research that improves pedagogic practices and enhances learners’ experiences in formal, informal and/ or non-formal learning contexts, and that informs policy-making and civil society within and beyond Ireland. Research scholars work under the supervision of academic experts and are an important part of DCU Institute of Education vibrant research community.

**The Bursary**

The Bursary will cover payment of full-time or part-time PhD doctoral fees (as set out above) for a student in the area of education for sustainability within the context of higher education. One Bursary will be awarded to a candidate who will be registered as a student in the DCU Institute of Education.

**Eligibility Criteria**

* The minimum entrance requirement for this position is an undergraduate degree at first class honours level or second class honour grade 1 level, and/ or a Master’s degree at first or second class honours level. Qualification/s within the disciplines of Education and Sustainability are desirable.
* If non-native English speaker, applicants must present evidence of having the required standard of English Language competency, as specified here: <http://www.dcu.ie/registry/english.shtml>
* Successful applicants must register with DCU Institute of Education as a Year 1 PhD student for the academic session 2018/2019.
* This bursary is open to EU citizens only.

**Initial Enquiries**

**Step 1.** Prospective applicants can contact Dr. Charlotte Holland by email for further information about the education for sustainability bursary. Appendix B contains an overview of the research project which may be useful to applicants.

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| Centre | Director of Centre | Contact: |
| Director, RCE Dublin, DCU Institute of Education | Dr. Charlotte Holland | charlotte.holland@dcu.ie  |

**Step 2:** The applicant must write a 1500 word research proposal within the thematic area of Education for Sustainability in Higher Education - see Appendix A for information on drafting a research proposal, and then complete the application process as outlined in next step. [Appendix B contains an overview of the broad research project.]

**Step 3.** Please complete the application process, as follows:

* A fully completed 2018 DCU Institute of Education **Bursary Application Form** must be submitted by the applicant. Applications should be typed. The **signature of the applicant is required within the application form.** This form also includes your research proposal, which has a word count of 1500 words plus/ minus 10%.
* The applicant must attach to the Bursary Application form **scanned copies** of a full set of academic transcripts of overall results for undergraduate and postgraduate degrees, and English language competency test results if applicable.
* The applicant must also attach to the Bursary Application form **scanned copies** of two signed reference letters, one of which must be from an academic referee who can comment on your capacity to undertake research studies, the other must be an employer reference.
* The Application must be submitted as a single PDF with filename: surname\_firstname\_DCUIoE\_2018.pdf to: charlotte.holland@dcu.ie
* The deadline for receipt of applications is: **1pm on August 24th 2018**.

The Director will acknowledge receipt of application by e-mail. Please note that late and/ or incomplete applications will not be accepted. Should you choose to withdraw your application after submission, please inform charlotte.holland@dcu.ie within one week of submission. Please note that successful applicants will be required to supply original copies of all documentation, including notarised transcripts and references, to DCU Registry. If documentation has been falsified, then the offer of bursary will be withdrawn.

**Important Dates:**

Applications must be received, in full, by: **1pm on 24th August 2018**.

Candidates can expect email notification of the outcome by: **20th September 2018**.

**Assessment Process**

Applications will be assessed by a panel of evaluators from DCU Institute of Education in August/September 2018. Applications will be assessed according to the specific weightings as follows:

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| **Criteria for Assessment**  | **Weighting**  |
| Academic Record (e.g. prior academic record, prior relevant business/work experience, academic and employer reference)  | 40%  |
| Quality & Relevance of Research Proposal, and Reasons for applying for bursary for PhD studies at this time. | 60%  |

**Please note that applicants may be called for interview in the event of tie-breaker.**

**Appendix A**

**Writing a Research Proposal for Bursary Application**

The research proposal involves a considerable amount of preparation. You will generally be expected to have refined your initial research ideas through critical analysis of some of the academic literature relevant to your topic. You will also be expected to have reflected on the nature of your proposed research and its potential impact/s. In this document, we present a set of guidelines to show you what is involved in the writing of a research proposal and to help you structure your research proposal effectively. Please consult with your proposed academic supervisor/s as appropriate to help refine the research proposal.

**What should the research proposal consist of?**

 In essence, your research proposal should answer three questions:

* What do you want to investigate?
* Why do you want to investigate it?
* How are you going to investigate it?

Your aim is to demonstrate that you have begun the process of refining your ideas for a research topic and that you have the capability to research at the level of the programme. One of the ways to demonstrate this is to show how your research idea relates to published research. You need also to show that you have given some thought as to why your research ideas are worth researching.

**How should the research proposal be structured?**

Please see below the structure for the research proposal. There are five main sections, as outlined:

***Section One: Overview of Proposed Research Study*** (max. 200 words in length)

In this section, you should aim to give a clear, concise description of your research idea. You will need to articulate aims and objectives of your research study, and compose key research question/s that will be explored in your study. Think about and respond to the following:

* What is this a study of? What do you want to investigate?
* Why do you feel your research topic and proposed study is important?
* What are the aims and objectives of the research study?
* What are the research question/s?

This requires some skill in writing economically and you may find it easier to complete this section after you have written a draft of the full proposal.

***Section Two: Preliminary Literature Review*** (max. 700 words in length)

In this section you will describe the relationship between your research study and existing research. Try to respond to the following points/ questions. They are designed to make you think about the relationship between the existing academic literature (academic books, papers, etc.) and your own research idea.

* Are there research studies that have been undertaken in the target area/s of interest? What have been the main findings from these studies? Explain how these research studies/ findings have informed or may inform your proposed research study.
* Suggest how your research study/ project could make a new contribution to knowledge. Try to explain how your research study is expected to add to, develop, or, indeed, challenge, the state-of-the-art (literature/ research) in your area/s of interest for this study. For example: Outline expected contributions to existing academic knowledge, existing theories, methodology, practice and/ or policy.

**Section Three: Proposed Research Methodology** (max. 500 words in length)

In this section, you should provide a general overview of the proposed research methodology. Within this section, please respond to the following, as they should help clarify your proposed research approach:

* *What type of study do you intend? Quantitative study/ Qualitative study/ Both, etc.*
* *Who do you expect to gather data from in order to explore the research question/s? Think about* whose opinions, attitudes, dispositions, beliefs, practices, actions etc. need to be garnered (for example: *Teachers, Trainers, trainees, learners, policy-makers, etc.), and how many will be needed.*
* *How do you expect to collect the data (for example: Data can be collected using a diverse range of tools, such as Surveys, Interviews, Focus groups, Observations, Statistical information from web engines, etc.)? When might you collect this data? Will there be a number of phases of data collection and analysis?*
* *Are there Ethical, Political, Access or other considerations that you think you may need to address? Explain.*

**Section Four: Reason for applying for Bursary for PhD studies** (max. 100 words in length)

In this section, you should explain why you wish to apply for a bursary to engage in PhD studies at this time

**Section Five: Preliminary Bibliography** (no word limit)

In this section, you should give an alphabetical list of all published material you have read on the issue or area you intend researching. For the most part, you should confine your reading to academic research published in academic books and journals. (This section is not included in the total word count for the research proposal).

**Appendix B**

**Overview of proposed PhD Research Studies in Education for Sustainability**

Dublin City University (DCU) is progressing the integration of sustainability within the curricula of undergraduate and postgraduate programmes across the university, and other relevant training programmes. Therefore, the broader research project associated with this bursary aims to investigate approaches to effectively infuse sustainability education within higher education, with a particular focus on the effectiveness of educational processes and practices adopted within Dublin City University.

The PhD study would include engagement in the following:

* state-of the-art review of literature relating to the integration of education for sustainability in higher education, with a particular focus on the identification of good practice in sustainability education in higher education institutions at national and international levels;
* review of programmes and modules that contribute to education for sustainability within different disciplinary areas across DCU, with a view to generating a map of relevant modules relating to sustainability, and identifying gaps in sustainability education within particular programmes;
* design, development, implementation and evaluation of various interventions to up-skill staff and students on sustainability within DCU; and,
* identification of possible models and/ or approaches that lead to the effective infusion of education for sustainability within context/s of higher education.

The research undertaken by the successful recipient of this bursary for PhD studies would be supervised by [Dr. Charlotte Holland](https://www.dcu.ie/stem_education_innovation_global_studies/people/charlotte-holland.shtml), Associate Professor in the School of STEM Education, Innovation and Global Studies, and Associate Dean for Research, in DCU Institute of Education.