

PhD in Inclusive Computer Science Education at TU Dublin

PhD Studentship Overview:

An opportunity has arisen for a 4-year PhD studentship within the School of Computer Science at TU Dublin. The successful candidate will research within the area of 'Inclusive Computer Science Education' and will be supervised by Prof Sarah Jane Delany (TU Dublin), Dr Susan McKeever (TU Dublin) and Prof Brenda Murphy (University of Malta).

In Ireland and worldwide, there is a shortage of women entering technology programmes at third level, resulting in a shortage of women in the global tech sector. The repercussions of this are felt at many levels, including skills shortages in industry, and reduced opportunities for women to design and influence technology and important every-day systems.

This PhD studentship will be focused on providing outputs that will improve the gender balance of students entering technology and computing programmes at third-level in Ireland. The overall aim of this studentship is to research, develop and evaluate a toolkit (*TechMate*) of best practice techniques and methods for recruiting and retaining female students on technology-focussed programmes. The development of Techmate will involve bringing research findings into best practices nationally and internationally, supplemented with practical experiences of academic staff in technology-focussed departments.

Applicant Requirements:

- Applicants must have at least a first or upper second-class honours primary degree and/or master's degree, or international equivalent.
- Applicants should demonstrate good analytical skills and have experience of working with qualitative data
- Applicants must demonstrate an interest in and/or have some experience in computing.
- Applicants must demonstrate a genuine interest in/motivation towards the area of gender balance and EDI.
- Excellent written and oral communication skills are essential, including meeting the minimum English language requirements of IELTS level 7.0 overall with at least level 6.0 in each component.

Funding Details:

The PhD position is funded including fees, a stipend of €18,500 per annum, an equipment budget for a PC and a travel budget to present at international conferences.

This project is supported by the HEA Gender Equality Enhancement Fund and Huawei Ireland.

Application Details:

Applicants should send (i) a CV, (ii) a cover letter explaining their interest in the project topic and mentioning any relevant background and/or experience and (iii) the names and contact details of two academic referees to Prof Sarah Jane Delany (sarahjane.delany@tudublin.ie) in a single PDF.

The deadline for applications is Feb 21st, 2021.

Enquiries on this position can be directed to Prof Sarah Jane Delany at TU Dublin, (sarahjane.delany@tudublin.ie), Dr Rosemary Monahan at Maynooth University (rosemary.monahan@mu.ie), Dr Catherine Mooney at UCD, (catherine.mooney@ucd.ie) or Dr Keara Barrett at IT Carlow (keara.barrett@itcarlow.ie).