

## PhD Studentship

Job Posted:

Closing Date for Applications: 20<sup>th</sup> January 2017

College: [College of Science, Engineering and Food Science](#)

Contract Type: [Fixed Term Whole-Time](#)

Job Type: [Research](#)

Salary: [see below](#)

### **College of Science Engineering and Food Science, UCC: PhD in Food Sciences**

The position is open to candidates who meet residency requirements in Ireland or the EU. The studentship comprises an annual stipend for four years, in addition to fees at the EU level (approximately €6,000 per year). The current stipend is €16,000 per annum. The project is funded for 48 months with a start date of March 2017. The language of the laboratory is English.

**PhD position:** The student will be registered in the College of Science Engineering and Food Science, University College Cork, Ireland. The student will be primarily based at UCC in the School of Food and Nutritional Sciences. The student may conduct some of their research in other laboratories at various stages of the studentship.

**Principal Investigator Team:** Prof EIKE, K. Arendt (UCC)

**Project Title:** Novel Technological Approaches for the development of low FodMap food products

**Project summary:** A novel treatment for Irritable bowel syndrome (IBS) is using a diet low in fermentable oligo-, di-, monosaccharides and polyols (FODMAPs). The project will develop cereal-based low-FODMAP food products, by providing effective (bio)technological processes with remarkable reductions on FODMAPs and with a concomitant improvement of their nutritional qualities. A strong participation of food industry partners and support associations in this project will help contribute to the social feasibility and economic viability of the strategies developed.

### **KEY DUTIES AND RESPONSIBILITIES**

- To conduct a specified program of research under the supervision and direction of the Principal Investigators
- To work with other partners/collaborators in achieving the research goals. -To participate in the dissemination of the results of the research (oral and written) in which you are engaged, as directed by the Principal Investigators.
- To contribute and produce high quality peer reviewed publications and other outputs. -To present research progress and project outcomes at project meetings and relevant conferences

### **Selection Criteria**

- BSc, MSc degree in food chemistry, food engineering, food technology, food microbiology, biochemistry, and biotechnology experience
- Highly motivated individual with a keen interest in food research
- Keen interest in working on industry relevant research and gaining transferable skills
- Have excellent laboratory skills, organizational and communication skills, report writing and data analysis
- An ability to work independently to a tight schedule to deliver the milestones and deliverables as set out in the project proposal

- Have the ability to work effectively as part of a team to achieve results within the time frame of the project

**To Apply:**

Unique reference number: TF2017 Applications (as a single PDF) should include a covering letter, a detailed CV and the names and contacts of THREE referees. Applications will be accepted until 20<sup>th</sup> January 2017 5pm GMT. Applications and informal queries, by email only to Dr. Emanuele Zannini ([e.zannini@ucc.ie](mailto:e.zannini@ucc.ie)) ***Please cite the unique position reference TF2017 only in the subject of all emails related to the PhD***