

## Scholarship for Research Masters student within GplusE project based at UCD

A scholarship is available for a suitably qualified graduate to complete a Masters degree by research within the School of Veterinary Medicine at University College Dublin. This degree is funded by the European Union's Seventh Framework Programme for research, technological development and demonstration.

The requirement for sustainable food production is a global issue to which the EU contributes as a major livestock producer. Climate change will undoubtedly impact on farm animal production, while the health and welfare of livestock is also of increasing public concern. An important and common currency in developing solutions to these challenges is to improve production efficiency. The GplusE project has received a multi-million Euro grant from European Union to focus on how this can be achieved for the dairy industry. The project will focus on the development of sustainable dairy cow production systems through the optimal integration of genomic selection with improved management, assisted by novel approaches to gathering reliable phenotypes. Further details can be found on [www.gpluse.eu](http://www.gpluse.eu).

This is a research focused degree, where the student will conduct a specified programme of research supported by research training and development under the supervision and direction of a Principal Investigator. Outputs will include a major thesis plus additional formal instruction in research methods.

Students will be expected to be involved in the following:

- Coordination and interaction with research activities of multiple international partners with the GplusE project.
- May require placements and time to be spent with other research partners in EU member states and the US or China
- Engage in the dissemination of the results of research as directed by and with the support of and under the supervision of the Principal Investigator.
- Engage in the wider research and scholarly activities the research group, School and Institute.

### Selection Criteria

#### Mandatory

- BSc in a relevant biological science (ideally Animal Science, Veterinary Medicine or functional animal genomics, with a focus on animal genetics) at 2.1 or above.
- Excellent Communication Skills (Oral, Written, Presentation etc)
- Excellent Organisational and Administrative skills including a proven ability to work to deadlines.

#### Desirable

- Experience in genotyping (SNP chip; bio-informatics)
- Experience at coordination of large scale animal research projects
- Computer Skills MS Office, data analyses, database organisation

#### Funding

For the successful candidate an annual stipend of €11,400 plus tuition fees will be payable for up to two years. Travel to conferences/ meetings will also be available.

#### To apply

Please contact [mark.crowe@ucd.ie](mailto:mark.crowe@ucd.ie) or [irene.ward@ucd.ie](mailto:irene.ward@ucd.ie) with a letter outlining your interest in completing a research Masters and curriculum vitae **by closing date of 28th November 2016.**

