



HOW TO ENROL

Contact Elaine Quinn, Communications & Education, Conway Directorate with a completed module registration form, available at <http://www.ucd.ie/conway/>

Registration for this module closes on

April 23rd 2012

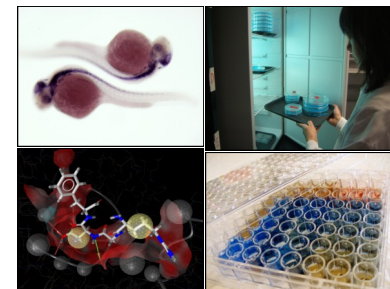


At UCD Conway Institute, we are committed not only to the creation of new knowledge and advances in biomolecular and biomedical research, but also to the education and training of future generations of scientists. In line with international best practice, our graduate education programme has been developed in response to the changes in knowledge and skills demanded of graduates in a rapidly expanding world market.

UCD Conway Institute aims to provide students with the core skills that are essential for success in laboratory-based graduate research programmes and transferable to further graduate research and training or to employment.

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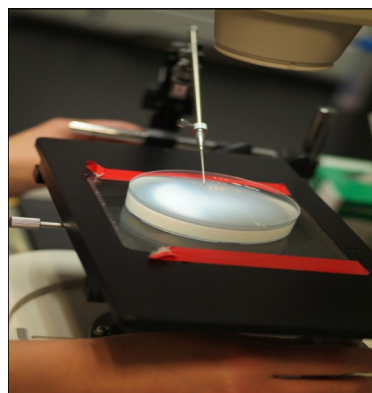


Module

Overview:

This module is designed for students who wish to understand and become critically aware of the principles, practice and applications of the rapidly developing proteomic technologies.

The module will be delivered in 10 stand-alone blocks, each one composed of 3hr seminar-style sessions (mornings) and 3hr practical sessions (afternoons)



What will I learn?

- Protein biochemistry principles
- Gel-based and gel-free separations
- Mass spectrometric techniques
- Post-translational modifications & interactomics
- Protein arrays technology
- Proteomic bioinformatics
- Validation techniques
- Clinical applications of proteomics

Student Feedback:

“I really enjoyed this example directed approach to learning”

“The module gave me more detail on aspects of work I'd like to carry out but didn't know how to”

“Practical sessions were very helpful for understanding the techniques”

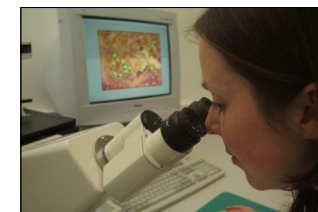
Practical Information:

ECTS Credits: 5

Timing: April 30th –May 23rd 2012

Assessment: Combination of mid-course & end-course evaluation sessions (MCQs + problem-based assessment)

Grade: Letter grade



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