

# Glycoscience Group

## Alimentary Glycoscience Research Cluster

### Post-graduate opportunities

Carbohydrates (glycans) coat every living cell and are involved in almost all essential biological processes and many diseases. Glycans and their corresponding proteins (lectins) are also critical in host-microbial interactions including pathogenic and symbiotic bacterial colonization in the gut. The Glycoscience Group are developing novel tools for exploring these interactions in order to improve our understanding of pathogenic and symbiotic relationships between hosts and microbes and ultimately to develop novel antimicrobials and diagnostic approaches.

The above positions (one research M.Sc. and one Ph.D.) have arisen because of a number of recent awards to the Glycoscience Group. These include continuation of funding for the Science Foundation Ireland-funded Alimentary Glycoscience Research Cluster, following a recent successful review an award under the FIRM Dairy programme (2010) administered by DAFF (Department of Agriculture, Fisheries and Food).

Applicants for these positions should have an honours degree in Biochemistry, Microbiology or related discipline and be able to demonstrate a strong interest in Glycoscience. Preferably, they should have had previous work experience in a research laboratory. As well as being inquisitive, creative scientists, they should be meticulous laboratory workers, paying great attention to detail, with good writing and communication skills, and be highly motivated.

Applicants should submit a copy of their curriculum vitae, the names of two referees, and a statement outlining why they are interested in a post-graduate position with the Glycoscience Group to

Ms. Maria Brady ([maria.brady@nuigalway.ie](mailto:maria.brady@nuigalway.ie))

Closing date is Friday 6<sup>th</sup> January, 2012.

For further details contact one of the following:

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