



Coláiste na Tríonóide, Baile Átha Cliath Trinity College Dublin

Ollscoil Átha Cliath | The University of Dublin

A PhD position is available in the research group of Aoife McLysaght in Trinity College Dublin to work on comparative genomics of vertebrates with a focus on understanding dosage sensitive genes in terms of evolution and disease. The execution of the project will involve bioinformatics and computer programming as well as statistical analysis of data.

For examples of the kinds of things we work on, look up our papers on PubMed:

[https://www.ncbi.nlm.nih.gov/pubmed?cmd=search&term=mclysaght+a\[au\]&dispmax=50](https://www.ncbi.nlm.nih.gov/pubmed?cmd=search&term=mclysaght+a[au]&dispmax=50)

Applicants should be in the final year of, or hold, a bachelor's degree in molecular biology with an interest and aptitude for programming and bioinformatics; or vice versa (computer science bachelor's with an interest in molecular biology). Interest and enthusiasm for molecular evolution is essential.

Students will be expected to be self-motivated and creative and to work closely with other members of the team.

This is a four-year position and comes with a tax-free stipend of 18000euro and covers fees up to EU level (non-EU students may apply, but fees are only covered up to EU rates).

TCD is Ireland's top ranked University and a member of the League of European Research Universities (LERU). The McLysaght lab is funded by a European Research Council (ERC) Starting Grant. Lab: <http://www.gen.tcd.ie/molevol/>

Applications including a cover letter, CV, summary of scientific interests and reasons for being interested in our research group, and contact details for two referees should be made to aoife.mclysaght@tcd.ie. Deadline for application is May 20th 2017. Informal discussions prior to applications are very welcome.

Professor Aoife McLysaght, Ph.D.

Institiúid Smurfit na Géineolaíochta

An Scoil Géineolaíochta agus Micribhitheolaíochta

Dámh na hInnealtóireachta, na Matamaitice agus na hEolaíochta

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