



SFI Centre for  
Research Training in  
**GENOMICS  
DATA SCIENCE**

**TO APPLY VISIT:**
[www.genomicsdatascience.ie](http://www.genomicsdatascience.ie)

 Informal queries email:  
[genomicsCRT@nuigalway.ie](mailto:genomicsCRT@nuigalway.ie)
**ABOUT THE PROGRAMME:**

We are a PhD training programme, with project opportunities in research groups based at six Irish institutions (NUI Galway, UCC, UCD, DCU, TCD and RCSI). Overall the programme will train 100 PhD students in 4 yearly intakes. We are currently recruiting 30 students to start in Sept 2022.

The Genomics Data Science PhD training programme is a 4-year structured PhD training programme. Over 140 of Ireland's top genomics scientists are associated with the programme and available as PhD supervisors. Students can choose from projects across seven research themes:

- **Methods, frameworks and infrastructure development for genomics**
- **Genomics of common and rare diseases**
- **Cancer genomics and precision medicine**
- **Agrigenomics, smart food and nutrigenomics**
- **Genomics for pathogen surveillance and control**
- **Biotechnological genomics, including metagenomics**
- **Molecular evolution and population genomics**

A unique feature of this programme is that it was designed to be student-led and this applies to the choice of research projects. Students will have the opportunity to interact with supervisors during the 1st semester and then choose from the list of projects that are offered by the supervisor group at any of the participating institutions. For more information on the programme see [www.genomicsdatascience.ie](http://www.genomicsdatascience.ie)

**BENEFITS:**

**An annual stipend (tax-free) of €18,500**

Accommodation is provided while on the 1<sup>st</sup> semester residential training programme.

Each student will be provided with a high-end laptop as well as generous travel, workshop, placement and publication cost allowances.

**CLOSING DATE:**  
14th January 2022

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**ENTRY REQUIREMENTS:**

Applicants will need to have a BSc or MSc (or equivalent) in a field related to genomics (biochemistry, biomedical science, genetics, medicine, microbiology) or in a strongly numerate or computational field (computer science, engineering, physics, statistics, mathematics). Students should have a strong aptitude for programming and data analysis. Non-native speaker applicants will need proof of written and spoken English language competence.

HOST INSTITUTION



PARTNER INSTITUTIONS


 University College Dublin  
 An Coláiste Ollscoile, Baile Átha Cliath

 Trinity College Dublin  
 Coláiste na Tríonóide, Baile Átha Cliath  
 The University of Dublin
