Science Foundation Ireland **SFI** For what's next

The SFI Centre for Research Training in Genomics Data Science

About the programme

We are a <u>PhD training programme</u>, with project opportunities in over 90 research groups based at six Irish institutions (NUI Galway, UCC, UCD, TCD, RCSI and QUB). Overall the programme will train 115 PhD students in 4 yearly intakes. We are currently recruiting 25 students to start in Sept 2020.

The Genomics Data Science PhD training programme is a 4-year structured PhD training programme. Over 90 researchers, including many 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
>High-resolution population genomics

Students will receive an annual stipend (tax free) of €18,500 and for the first few months their accommodation is arranged and paid. Each student will recieve a high end laptop as well as generous travel, workshop, placement and publication cost allowances.

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

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.

APPLICATION PROCEDURE VISIT:

www.genomicsdatascience.ie

INFORMAL QUERIES EMAIL : genomicsCRT@nuigalway.ie
FOLLOW US ON TWITTER @GenomicsCRT

Closing date:
12th January 2020

NUI Galway OÉ Gaillimh

UCD DUBLIN

UCC University College Cork, Ireland Coláiste na hOllscoile Corcaigh

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

RCSI

Queen's University Belfast