Job Title: Assistant Professor - Functional Genomics

Date Posted: 09/28/2022
Closing Date: 01/16/2023, 11:59PM ET
Req ID: Req ID: 27334
Job Category: Faculty - Tenure Stream (continuing)
Faculty/Division: Temerty Faculty of Medicine
Department: Terrence Donnelly Centre for Cellular and Biomolecular Research & the Dept. of Molecular Genetics
Campus: St. George (Downtown Toronto)

Description:

The Terrence Donnelly Centre for Cellular and Biomolecular Research (Donnelly Centre) and the Department of Molecular Genetics in the Temerty Faculty of Medicine at the University of Toronto invite applications for a full-time tenure stream position in the area of functional genomics. This will be a joint appointment between the Donnelly Centre (51%) and the Department of Molecular Genetics (49%) at the rank of Assistant Professor, with an expected start date of September 1, 2023, or shortly thereafter.

Note: If you are interested in a similar position in functional genomics, with a 100% appointment in the Donnelly Centre, please submit your application via this job posting (**Req ID: 27335**).

We seek a colleague whose research interests complement and strengthen our existing scientific community, which encourages interdisciplinary collaboration and innovative technology development. The successful candidate must have a Ph.D. in a relevant field by the time of appointment, with an exceptional track record in the field of functional genomics. Specific areas of interest include but are not limited to: high throughput cell biology (genome scale genetic screens in mammalian cells, organoids, and/or model organisms), enabling technologies (gene editing, imaging of cellular processes, single-cell biology, chemical biology, protein engineering), application of functional genomic approaches to study human diseases and identify drug targets. The candidate must also have a demonstrated record of excellence in research and teaching, including student mentorship at the undergraduate and graduate levels. The candidate will receive institutional support to establish a research program that leverages and innovates novel functional genomic approaches, and that will benefit from being embedded in an interactive community of experimental and computational biologists. Preference will be given to candidates with postdoctoral training in a relevant field (genetics, functional genomics, systems biology, or quantitative biology).

The successful candidate is expected to pursue innovative research in functional genomics at the highest international level and to establish an outstanding, competitive, and externally funded research program. Candidates must provide evidence of research excellence that can be demonstrated by the submitted research statement, publications in leading journals, invited scientific presentations, awards and accolades, and strong letters of references with endorsements from referees of high standing.

Candidates are also expected to demonstrate excellence in teaching. To this end candidates must provide a statement of teaching philosophy and interests which should refer to previous teaching-related activities such as experience as a teaching assistant or course instructor, leading workshops or seminars, student mentorship, or awards for oral presentations and posters at conferences. Reference letters should indicate the candidate's suitability for undergraduate and graduate teaching and mentorship. The candidate will actively participate in the research and teaching ecosystems of the Donnelly Centre and the Department of Molecular Genetics, where the successful candidate will have a budgetary and graduate appointment.

Salary will be commensurate with qualifications and experience.

State-of-the-art research space will be provided in the Donnelly Centre, which is in the heart of downtown Toronto, one of the safest and diverse metropolitan areas in the world. The Donnelly Centre is an interdisciplinary research institute at the University of Toronto with the mandate to create a research environment that encourages integration of functional genomics, computer science, engineering, and biology, and that spans leading areas of biomedical research (www.thedonnellycentre.utoronto.ca). The Department of Molecular Genetics (www.moleculargenetics.utoronto.ca) holds a leadership position in Canada and internationally as a premier venue for biomedical and life sciences research and education. Toronto is a vibrant and cosmopolitan city, one of the most desirable in the world in which to work and live, and a major centre for advanced computer, medical, and biological technologies. The University of Toronto has one of the most concentrated biomedical research communities in the world, including 10 academic hospitals/research institutes that are all fully affiliated with the University. This community that attracts more than $1.37B in annual research investment.

All qualified candidates are invited to apply online by clicking the link below. Applicants must submit 1) a cover letter; 2) a one-page summary that includes education/training history, and a 350-word abstract of their research plan; 3) a curriculum vitae that includes information regarding their most significant scientific contributions (up to five) as they relate to the application; 4) a statement of current and long-term research interests (three to five pages); and 5) a statement of teaching philosophy and interests (one page).

In addition, applicants must provide the name and contact information of three references. The University of Toronto's recruiting tool will automatically solicit and collect letters of reference from each after an application is submitted (this happens overnight). Applicants remain responsible for ensuring that references submit letters (on letterhead, dated and signed) by the closing date.

Submission guidelines can be found at http://uoft.me/how-to-apply. Your CV and cover letter should be uploaded into the dedicated fields. Please combine additional application materials into one or two files in PDF/MS Word format.

If you have any questions about this position, please contact Ms. Sylvie Besnard at sylvie.besnard@utoronto.ca.

All application materials, including reference letters, must be received by **January 16, 2023.**

For more information about the Donnelly Centre for Cellular and Biomolecular Research, please visit The Donnelly Centre.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Diversity Statement
The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.

As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see http://uoft.me/UP.

Accessibility Statement
The University strives to be an equitable and inclusive community, and proactively seeks to increase diversity among its community members. Our values regarding equity and diversity are linked with our unwavering commitment to excellence in the pursuit of our academic mission.

The University is committed to the principles of the Accessibility for Ontarians with Disabilities Act (AODA). As such, we strive to make our recruitment, assessment, and selection processes as accessible as possible and provide accommodations as required for applicants with disabilities.

If you require any accommodations at any point during the application and hiring process, please contact uoft.careers@utoronto.ca.