

Date Posted: Wednesday October 21, 2026

Job Title: Tenure-Track, Assistant or Associate Professor in Molecular Neurobiology

The Position

Nipissing University is pleased to invite applications for a Tenure-Track, Assistant or Associate Professor in Molecular Neurobiology, with a preferred emphasis on neuronal cell biology and neurodegenerative disease. Applications are welcome from all areas of molecular & cell biology related to neuroscience; researchers working with cell culture and/or model organism systems are particularly encouraged to apply. We seek expertise that complements existing strengths in behavioural neuroscience and genetics, as well as other health-related areas of research strength within Nipissing University. In recognizing Nipissing University's commitment to northern development and Indigenous well-being, a research focus on the molecular & cell biology underlying neurobiological health conditions that are particularly prevalent in northern communities would be an asset.

Appointed in the Department of Biology, Chemistry and Geography, with a possible cross-appointment in Psychology, the successful candidate will support existing undergraduate programs in [Biology, Psychology & Behavioural Neuroscience](#), and contribute to supervision of undergraduate student research, including Honours theses. The candidate will be responsible for delivering core courses relating to molecular and cellular biology within existing programs, as well as developing specialized courses in their area of expertise. Depending on the area of expertise, the successful candidate may also participate in graduate student supervision within the [Master of Environmental Science \(MESC\) program](#). It is expected that the candidate will establish a novel and rigorous research program with the capacity to attract significant external research funding and contribute to the development of proposed new undergraduate and graduate programs related to Biomedical Science & Health.

The successful candidate will have:

- A completed PhD in Molecular Biology, Cell Biology, Neuroscience, Genetics, Developmental Biology, or a related discipline.
- A strong research program demonstrated through peer-reviewed publications and/or other documentation illustrating the impact of their research.
- Demonstrated commitment to interdisciplinary collaboration.
- Expertise in one or more areas such as Intercellular and intracellular communication, cellular trafficking, regulation of gene expression, neuroplasticity, apoptosis, immune function, pathophysiology, regenerative medicine, neurodegenerative and neuromuscular diseases and/or neuropharmacology

Research Facility

Existing relevant research infrastructure at Nipissing University includes a well-equipped Central Analytical Facility with refrigerated centrifuge, microplate reader, ion chromatography, NMR, LCMS, and IR spectroscopy units; a Millipore water purification system; a range of research-grade microscopy equipment including compound light, stereo dissection, TEM, Ultracut microtome, EM Trim, and fluorescence/confocal microscopes; refrigeration equipment; PCR and hybridization/incubation equipment; analytical balances; and a variety of organismal growth chambers which are available/adaptable for numerous purposes.

Salary & Benefits

The annual salary for this role will range from \$87,720 to \$134,200 at the Assistant Professor rank or \$113,340 to \$166,560 at the Associate Professor rank, depending on qualifications and experience. In addition, there is an employee benefits and pension plan offered as per the [Nipissing University Faculty Association \(NUFA\) Collective Agreement](#).

About Nipissing University and the City of North Bay

Nipissing University is in the City of North Bay, Ontario (population 55,000), in the territory of the Robinson-Huron Treaty of 1850 and the Nipissing First Nation Traditional Territory and the traditional territory of the Anishinabek. Situated between Lake Nipissing and Trout Lake, and surrounded by pristine Canadian Shield Forest, our campus is a comfortable three-and-a-half-hour drive from either Toronto or Ottawa. North Bay is a growing city with a vibrant arts community, ample amenities, and countless opportunities for outdoor activities. Learn more about North Bay, Ontario by visiting the @cityofnorthbay YouTube channel here: [The City of North Bay](#).

[Nipissing University](#) is known for its excellence in teacher education, arts, science, and a range of professional programs. The School of Graduate Studies includes programs in history, sociology, education, environmental science/studies, kinesiology, and mathematics. In “[Pathways: Our Commitments to Water, Land, and People](#)”, Nipissing University has committed to fulfilling our responsibility to truth and reconciliation; nurturing our relationship with water, land, and place; embodying harmony and care; inspiring growth and development; building sustainable futures; and, celebrating who we are. Nipissing’s renowned focus on student success and experience has translated into top rankings nationally in the areas of student support, student experience, faculty, and residences as a primarily undergraduate institution. Nipissing’s academic environment provides close student-faculty interaction, innovative approaches to learning, and a vibrant research culture. Nipissing’s Strategic Research Plan reflects this focus on addressing issues of regional relevance through work with regional, national, and international impact within our research achievement areas: Indigenous and decolonial research, the environment and natural resources, the human condition, conflict resolution, inequality, and information technology and health and mathematical sciences.

Nipissing's faculty and staff are committed to decolonization and reconciliation and provide a supportive environment for Indigenous students enrolled at the University. Our campus is in a region home to 7,000 First Nations, Metis, and Inuit residents, many of whom choose to study at Nipissing University. As a public university located on the traditional territory of Nipissing First Nation and on the lands within the Robinson-Huron Treaty of 1850, Nipissing University is bound to advance knowledge and be a good guest on this land.

Nipissing University has recently launched a [Careers landing page](#) where prospective applicants can discover exciting career opportunities, learn more about the vibrant City of North Bay, and explore what makes our institution a unique and rewarding place to work.

This institution is an advocate for equity and is committed to ensuring its community is diverse and inclusive. We welcome applications from members of racialized minorities, women, Indigenous Peoples, persons with disabilities, persons of various sexual orientations and gender identities, and others with the skills and knowledge to productively engage with diverse communities and contribute to the institution's research excellence. The institution seeks to maintain its commitment to excellence and recognizes that increasing the diversity of its faculty and ensuring an inclusive environment supports this objective.

Application Process

Interested candidates will submit a cover letter, a statement of research interests, curriculum vitae, and the names and contact information for three references. Please submit the completed application by 4:00pm on Monday, November 23, 2026. Review of applications will commence Tuesday November 24, 2026, and will continue to be accepted and reviewed until the position is filled. These materials should be sent in **one PDF document** to careers@nipissingu.ca using the subject line **"Tenure-Track, Molecular Neurobiology"**.

Nipissing University is committed to employment equity and strongly encourages applications, which may include self-identification in a cover letter from Indigenous peoples, women, persons with disabilities, persons who identify as 2SLGBTQI+ and racialized minorities.

Nipissing University must gather information from applicants to determine eligibility to work in Canada. **Please include a statement in your application to identify whether you are a Canadian Citizen, Permanent Resident or are otherwise legally eligible to work in Canada.**

Nipissing University will provide accommodation to ensure barrier-free employment in accordance with the Ontario Human Rights Code and the Accessibility for Ontarians with Disabilities Act. You can request accommodation at any stage of the hiring process. If you require accommodation, please contact Human Resources at access@nipissingu.ca.

In compliance with Ontario's Employment Standards Act, this posting includes the expected compensation range and indicates that AI is not used in our hiring process. This position is for an existing vacancy at Nipissing University.

The search committee would like to thank all applicants for their interest in Nipissing University. Please note that only those candidates invited for an interview will be contacted.