



Tenure-Track Faculty Position

Open to rank of Assistant Professor – Integrated Nutrient Metabolism

Faculty: Faculty of Agricultural and Environmental Sciences

Department/School: Human Nutrition

Position description

The School of Human Nutrition of McGill University's Faculty of Agricultural and Environmental Sciences invites applications for a tenure-track Assistant Professor of Integrated Nutrient Metabolism. Top priority research areas include intra- and intercellular regulation of nutrient metabolism and bioenergetics, in prevention and modulation of nutrition-related metabolic disorders, and metabolic and nutritional programming. Areas include but are not limited to genetics, epigenetics, microbiome-to-host cell signaling, and intra- and intercellular nutrient-mediated resistance/susceptibility to metabolic diseases.

McGill University is one of Canada's oldest and most prestigious institutions of higher learning with 40,000 students, and 1,700 tenure-track professors. The Faculty of Agricultural and Environmental Sciences (www.mcgill.ca/macdonald) is located on McGill University's Macdonald Campus, which occupies 650 hectares in a beautiful waterfront setting on the western tip of the island of Montreal.

The School of Human Nutrition (www.mcgill.ca/nutrition) is a research-intensive unit with ongoing activities in our on-site research facilities (<https://www.mcgill.ca/nutrition/facilities>) ; including the School's mass spectrometry and molecular nutrition laboratory, metabolic flux core, new cell culture facility, and new Clinical Nutrition Research Unit (<https://www.mcgill.ca/nutrition/facilities/cnru>), as well as the Centre for Indigenous Peoples' Nutrition and Environment, and the Margaret A. Gilliam Institute for Global Food Security. Other McGill-affiliated research and health centers (www.mcgill.ca/research/about/partners) include McGill University Health Centre teaching hospitals and platforms, biobanks at McGill University Genome Quebec Innovation Centre (<https://www.genomequebec.com/207-en/project/mcgill-university-and-genome-quebec-innovation-centre/>), McGill Multi-Scale Imaging Facility (<https://www.mcgill.ca/ecp3/multi-scale-imaging>), and small and large animal research units.

Job duties

The successful candidate will teach advanced metabolism including research methodology at the undergraduate and graduate levels and establish and/or maintain an externally funded research program, and develop research collaborations in a multi-disciplinary, multi-sectorial environment at the national and international level. The successful applicant is also expected to participate in all aspects of

McGill's academic mission (i.e. teaching, graduate student supervision, mentorship, and leadership in academic and administrative committees).

Qualifications and education requirements

The successful candidate will have a Ph.D. in nutritional sciences, or related biomedical science such as biochemistry, cell biology, molecular biology, or physiology, with a strong record of publication in high-quality reputable scholarly journals. Preference given to candidates with a minimum of 2 years postdoctoral research training, and with demonstrated experience in nutrient-mediated interorganelle and intercellular signaling and employing contemporary and integrative research approaches including next-generation sequencing, high-resolution imaging, and development of cell/organoid or transgenic models.

JOB DETAILS

Job Classification: Tenure-track

Rank: Assistant Professor

Job Status: Full-time

Salary: Commensurate with qualifications and experience

Application Deadline: December 31st, 2023, or until position is filled

APPLICATION PROCESS

Applications must be submitted via McGill's HR system Workday:

https://mcgill.wd3.myworkdayjobs.com/McGill_Careers/job/MacdonaldStewart-Bld/Assistant-Professor_JR0000046620

Applying at McGill University - Guide for External Candidates:

https://www.mcgill.ca/hr/files/hr/apply_at_mcgill_university_-_guide_for_external_candidates_en_4.pdf

The following supporting documents are required:

- A cover letter (introduction and outline of transferable skills and needs)
- Curriculum vitae
- Research statement
- Teaching philosophy
- The names and contact information of three referees.

You may contact Ryan.Mailloux@mcgill.ca if you have any questions.

McGill University is an English-language university where most teaching and research activities are conducted in the English language, thereby requiring English communication both verbally and in writing.

COMMITMENT TO EQUITY AND DIVERSITY

McGill University is committed to equity and diversity within its community and values academic rigour and excellence. We welcome and encourage applications from racialized persons/visible minorities, women, Indigenous persons, persons with disabilities, ethnic minorities, and persons of minority sexual orientations and gender identities, as well as from all qualified candidates with the skills and knowledge to engage productively with diverse communities.

At McGill, research that reflects diverse intellectual traditions, methodologies, and modes of dissemination and translation is valued and encouraged. Candidates are invited to demonstrate their research impact both within and across academic disciplines and in other sectors, such as government, communities, or industry.

McGill further recognizes and fairly considers the impact of leaves (e.g., family care or health-related) that may contribute to career interruptions or slowdowns. Candidates are encouraged to signal any leave that affected productivity, or that may have had an effect on their career path. This information will be considered to ensure the equitable assessment of the candidate's record.

McGill implements an employment equity program and encourages members of designated equity groups to self-identify. It further seeks to ensure the equitable treatment and full inclusion of persons with disabilities by striving for the implementation of universal design principles transversally, across all facets of the University community, and through [accommodation policies and procedures](#). Persons with disabilities who anticipate needing accommodations for any part of the application process may contact, in confidence, this [email](#) or phone at 514-398-2477.

All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority.