

Canada Research Chair (Tier II) in Neural Stem Cells, Department of Biochemistry & Molecular Biology, Cumming School of Medicine

Job ID: 33249

Location: Foothills Campus

Updated May 21, 2025

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We would like to take this opportunity to acknowledge the traditional territories of the people of the Treaty 7 region in Southern Alberta. The City of Calgary is also home to Métis Nation within Alberta (Nose Hill Métis District 5 and Elbow Métis District 6).

Description

The Department of Biochemistry and Molecular Biology at the Cumming School of Medicine at the University of Calgary is inviting applications for a tenure-track faculty position in the field of protein translation in neurodevelopment, including the role of post-translational mechanisms that govern neural stem and progenitor behaviors, at the rank of Associate Professor. The selected candidate will be nominated for a Canadian Institutes for Health Research (CIHR) Tier II Canada Research Chair (CRC), which is tenable for five years and renewable once, and will be a full-time faculty member in the Cumming School of Medicine.

Candidates will use 'multiomic' approaches to study protein dynamics that underlie the basis of inherited neurodevelopmental conditions. The Cumming School of Medicine provides outstanding support to researchers via state-of-the-art facilities such as super-resolution and advanced microscopy, optogenetics and photonics, and a wild mice colony and behavioral core, with increasing capacity in iPSC biology, single cell and spatial RNA-sequencing, and bioinformatics. The BMB Graduate Program provides an interactive and robust graduate training to the next generation of neuroscientists. The successful candidate will be expected to conduct a vigorous, externally funded research program (for which 75% time will be protected) that augments the existing strengths in neuroscience and neurodevelopmental disease modeling, as well as contribute to teaching graduate topics in neural development and the supervision of graduate students.

Applicants must have a PhD (or equivalent) in Neuroscience or Neurodevelopment and postdoctoral training. A record of research/scholarly activity is required. Research experience in the molecular genetics of neural development, protein ubiquitination and degradation, development of animal models of neurodevelopmental disorders, and protein biochemistry is essential. A competitive year-round salary and an attractive start-up package will be provided. The selected candidate will also be nominated for a Canadian Institutes for Health Research (CIHR) Tier 2 Canada Research Chair (CRC) in Neurodevelopment. Further information about the Canada Research Chairs Program, including eligibility criteria, can be found on the Government of Canada's [CRC website](#).

Tier II Chairs are intended for exceptional emerging scholars (i.e., candidates must have been an active researcher in their field for fewer than 10 years at the time of nomination). Candidates who are more than 10 years from having earned their highest degree and who have had career breaks, such as maternity, parental, or extended sick leave, clinical training, etc., may have their eligibility for a Tier II Chair assessed through the program's Tier II justification process. Research interruptions caused by the COVID-19 pandemic (e.g., closures) are recognized as, and may be counted as, an eligible delay (credited at twice the amount of time) beginning March 1, 2020. Please contact UCalgary's Office of Research Services for more information: ipd@ucalgary.ca. Further information about the Canada Research Chairs Program can be found on the Government of Canada's [CRC website](#), including eligibility criteria.

The University of Calgary, through the Cumming School of Medicine that is comprised of health research institutes and academic departments, seeks to recruit and retain a diverse and inclusive workforce that will contribute to creating the future of health. UCalgary is committed to fostering diversity through cultivating an environment where people with a variety of backgrounds, genders, interests, and talents feel welcome and supported. The successful applicant will join the Hotchkiss Brain Institute (<https://hbi.ucalgary.ca/>) and the Owerko Centre for Neurodevelopment and Child Mental Health at the Alberta Children's Hospital Research Institute (<https://research4kids.ucalgary.ca/>), which are both localized with the Cumming School of Medicine. They also will participate in the recently announced \$125M 'One Child, Every Child' campus-wide initiative to help Canadian children thrive (<https://research.ucalgary.ca/research/our-impact/one-child-every-child/>).

The University of Calgary adheres to the principles of the San Francisco Declaration on Research Assessment (DORA) and strives to evaluate research impact responsibly and inclusively by explicitly considering discipline-appropriate methods for demonstrating the quality, significance, and societal impact of a broad range of research contributions.

The University of Calgary recognizes that candidates have varying career paths and that career interruptions can be part of an excellent academic record. Candidates are encouraged but not required to provide any relevant information about their experience and/or career interruptions to allow for a fair assessment of their application. Selection committees have been instructed to give careful consideration to, and be sensitive to the impact of career interruptions, when assessing the candidate's research productivity.

Interested individuals are encouraged to apply online via University of Calgary Careers webpage using the 'Apply Now' link. Please be aware that the application process allows for a maximum of four attachments. Your application attachments should be organized to contain the following (which may require you to merge documents):

- 1. Cover letter and curriculum vitae including the names and contact information for three referees
- 2. Statement of research interests (not to exceed 2 pages)
- 3. Statement of teaching interests (not to exceed 2 pages)
- 4. Equity, diversity, and inclusion statement (not to exceed 2 pages)

Questions about this position may be directed to:
Dr. Sarah Childs, Department Head
Department of Biochemistry and Molecular Biology
c/o Leslie McGill (lmcgill@ucalgary.ca)

The University of Calgary has launched an institution-wide [Indigenous Strategy](#) committing to creating a rich, vibrant, and culturally competent campus that welcomes and supports Indigenous Peoples, encourages Indigenous community partnerships, is inclusive of Indigenous perspectives in all that we do.

As an equitable and inclusive employer, the University of Calgary recognizes that a diverse staff/faculty benefits and enriches the work, learning and research experiences of the entire campus and greater community. We are committed to removing barriers that have been historically encountered by some people in our society. We strive to recruit individuals who will further enhance our diversity and will support their academic and professional success while they are here. In particular, we encourage members of the designated groups (women, Indigenous peoples, persons with disabilities, members of visible/racialized minorities, and diverse sexual orientation and gender identities) to apply. To ensure a fair and equitable assessment, we offer accommodation at any stage during the recruitment process to applicants with disabilities. Questions regarding [diversity] EDI at UCalgary can be sent to the [Office of Equity, Diversity and Inclusion](#) (equity@ucalgary.ca) and requests for accommodations can be sent to Human Resources (hrrhire@ucalgary.ca).

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. In this connection, at the time of your application, please answer the following question: Are you a Canadian citizen or a permanent resident of Canada? (Yes/No)

For a listing of all academic opportunities at the University of Calgary, view our [Academic Careers website](#). For more information about the Cumming School of Medicine, click [here](#).

About the University of Calgary

UCalgary is Canada's entrepreneurial university, located in Canada's most enterprising city. It is a top research university and one of the highest-ranked universities of its age. Founded in 1966, its 36,000 students experience an innovative learning environment, made rich by research, hands-on experiences and entrepreneurial thinking. It is [Canada's leader in the creation of start-ups](#). [Start something](#) today at the University of Calgary. For more information, visit [ucalgary.ca](#).

About Calgary, Alberta

Calgary is one of the world's cleanest cities and has been named one of the world's most livable cities for years. Calgary is a city of leaders - in business, community, philanthropy and volunteerism. Calgarians benefit from a growing number of world-class dining and cultural events and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.

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The University of Calgary, located in the heart of Southern Alberta, both acknowledges and pays tribute to the traditional territories of the peoples of Treaty 7, which include the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut'ina First Nation, and the Stoney Nakoda (including Chiniki, Bears paw, and Goodstoney First Nations). The City of Calgary is also home to Métis Nation within Alberta (Nose Hill Métis District 5 and Elbow Métis District 6).

The University of Calgary is situated on land Northwest of where the Bow River meets the Elbow River, a site traditionally known as Moh'kins'tsis to the Blackfoot, Wichispa to the Stoney Nakoda, and Guts'ists'i to the Tsuut'ina. On this land and in this place we strive to learn together, walk together, and grow together "in a good way."