Academic Appointment in Methods Development for Pediatric Brain MRI
Department of Radiology
Cumming School of Medicine

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 of Alberta, Region III.

The Department of Radiology, in partnership with the Department of Paediatrics, the Alberta Children’s Hospital Research Institute, and the Hotchkiss Brain Institute, Cumming School of Medicine, University of Calgary, invites applications for a tenure-track Assistant Professor position in the area of technical development in pediatric brain MRI.

Applicants must have a proven track record of excellence in technical development brain MRI research; examples include (but are not limited to): motion correction, novel contrast mechanisms, hardware development, sequence design and/or optimization. Pediatric research experience would be advantageous, but applicants who can demonstrate a vision for pediatric applications of their research will also be considered. A PhD or equivalent in a relevant area is mandatory and additional academic or industrial postdoctoral training is advantageous. Applicants must have a track record of high-quality peer-reviewed publications and presentations. Evidence of successful teaching, supervision/mentorship of trainees, and/or leadership is required.

The applicant will work in the Child & Adolescent Imaging Research (CAIR) program at the Alberta Children’s Hospital. The CAIR program oversees a research-dedicated 3T GE Ultra High Performance (UHP) MR system (to be installed November 2023) and has developed an international reputation in pediatric neuroimaging. The applicant’s research will help drive pediatric neuroimaging research forward by developing, optimizing, and/or implementing novel image acquisition/analysis techniques. The candidate will have 75% protected time for research and be expected to develop an internationally recognized extramurally (Tri-Council) funded research program and to work collaboratively with other investigators to grow the pediatric neuroimaging research program. A competitive year-round salary and an attractive start-up package will be provided.

The successful candidate will join a vibrant and collaborative Image Science program in the Department of Radiology at the University of Calgary. The Image Science Division is home to 15 PhD faculty members and 5 imaging centres, including the CAIR program. The Image Science division oversees other imaging systems including a state-of-the-art 11.7T small animal MRI system, another UHP human MRI scanner, and MRI guided focused ultrasound. The McCaig Institute’s Center for Mobility and Joint Health (MOJO) also houses extensive high resolution micro-CT, dual energy CT, peripheral MRI, and DXA.

The candidate will become a member of the Alberta Children’s Hospital Research Institute (ACHRI) and the Hotchkiss Brain Institute (HBI). ACHRI is devoted to child health research across a wide spectrum of disciplines and is currently leading the One Child Every Child initiative, a Canada first research initiative with a vision for all children to be healthy, empowered, and thriving. The HBI’s vision is healthy brains for better lives and aims to inspire discovery toward innovative solutions for neurological and mental health disorders.

The University of Calgary, through its Cumming School of Medicine, its health research institutes, and its academic departments, seeks to recruit and retain a diverse and inclusive workforce that will contribute to creating the future of health. We are committed to fostering diversity through cultivating an environment where people with a variety of backgrounds, genders, interests, and talents feel welcome and supported. The University 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 consider, and be sensitive to, the impact of career interruptions, when assessing the candidate’s research productivity.

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.

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.
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 contain the following (which may require you to merge documents):
- Cover letter and Curriculum vitae including the names and contact information for three referees
- Statement of research interests and a description of a proposed 5-year research plan (3 pages max)
- Statement on trainee mentorship and education philosophy (1 page max)
- Statement on equity, diversity, and inclusion in research and training (1 page max)


Questions about this position may be directed to:
Catherine Lebel, PhD
Department of Radiology
clebel@ucalgary.ca

The closing date for applications is October 20, 2023

To learn more about academic opportunities at the University of Calgary and all we have to offer, view our Academic Careers website (http://careers.ucalgary.ca/). For more information about the Cumming School of Medicine visit Careers in the Cumming School of Medicine (http://medicine.careers.ucalgary.ca/)

The University of Calgary strongly recommends all faculty and staff are fully vaccinated against COVID-19.

The University of Calgary has launched an institution-wide Indigenous Strategy in line with the foundational goals of Eyes High, 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 (hrhire@ucalgary.ca).

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