Call for candidates

Professor in Medical Imaging

Nᵒ 05814
Posting period: October 12 to December 11, 2022, 5 PM

JOB DESCRIPTION: Professor
LOCATION: Sherbrooke Health Campus
STATUS: Regular
ADMINISTRATIVE UNIT:
Faculty of Medicine and Health Sciences
Department of Nuclear Medicine and Radiobiology
SCHEDULE: Full time tenure-track position

The Université de Sherbrooke is calling for candidates for a full-time, tenure-track position of Assistant Professor in Medical Imaging in the Department of Nuclear Medicine and Radiobiology at the Faculty of Medicine and Health Sciences.

The candidates will have a strong background in medical imaging, particularly positron emission tomography (PET) and/or magnetic resonance imaging (MRI), with a research program linked to preclinical and/or clinical imaging in one of the following fields: Cardiovascular disease, Neurological disease or cancer. Experience in artificial intelligence and/or image analysis will be positively evaluated.

About the Faculty

Fundamental, applied and clinical research are particular strengths of our Institution. The Faculty of Medicine and Health Science of Université de Sherbrooke enjoys an excellent reputation based on its pedagogical advances, its continuous adaptation to society's shifting needs and its world-class research. The Faculté shines amongst the international elite as the only Faculty in Canada and the only French-speaking Faculty in the world to be a collaborating center with the World Health Organization regarding health training. Université de Sherbrooke is in the top 15 universities in Canada with the largest research funding and was, in 2021, that with the largest increase in funding.

About the Department

The Department of Nuclear Medicine and Radiobiology was founded in 1968. It is composed of thirty professors, several of which are closely associated with the Sherbrooke Molecular Imaging Center and most of which are members of the Medical Imaging Axis of the Centre de recherche du Centre hospitalier universitaire de Sherbrooke (CRCHUS). The Department includes two clinical services, that of Nuclear Medicine and that of Radiation Oncology with 16 clinician professors. In addition, the Department hosts a large team of highly qualified personnel to support research, the production of radioisotopes, of radiotracers, of contrast agents, animal care, project management and image analysis.

We offer an exceptional multidisciplinary research environment with access to preclinical imaging (PET, MRI, optical) and clinical imaging (PET, MRI) and to two cyclotrons for the production of radioisotopes. This equipment and that of numerous other technological platforms combined with the expertise of physicists, chemists, biologists, engineers, imaging scientists and specialized physicians make of our Department a fertile ground for the development of novel approaches in Imaging, Radiobiology and Radiation Therapy. Structured and sustained mentorship will be provided to the candidate selected in order to ensure their success.

Duties

- Develop a competitive research program in Medical Imaging funded by external grants.

- Supervise graduate students, medical residents and postdoctoral fellows.

- Develop close teaching and research collaborations with clinical researchers.

- Develop and/or teach undergraduate and/or graduate courses

- Contribute to University life.

Requirements

- Hold a doctorate degree (Ph.D.) and postdoctoral experience in medical imaging or the equivalent.

- Have an excellent publication record.

- Have experience in teaching/training of students at the undergraduate and graduate levels.

- Demonstrate excellent leadership, innovation and communication skills

- Develop close collaborations with clinicians.

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- Possess a working knowledge of French, and if not, agree to learn French. Laboratory activities can be in English.

- To be able to abide to the requirements in line with the [responsible behavior](#) of research.

Work conditions

Work conditions are set by an agreement between Université de Sherbrooke and the Association des professeures et professeurs de la Faculté de médecine de l'Université de Sherbrooke (APPFMUS).

Regular, full-time tenure-track position.

Anticipated start date: from September 1st, 2023

Equity, diversity and inclusion

The Université de Sherbrooke (UdeS) values equity, diversity, equality and inclusion in employment within its community and invites all qualified individuals to apply, particularly women, members of visible and ethnic minorities, Aboriginal peoples and persons with disabilities in compliance with the Quebec Act respecting equal access to employment in public bodies. The screening and assessment tools can be adapted according to the needs of persons with disabilities who request them, and this, in complete confidentiality. The Université de Sherbrooke also encourages people of all sexual orientations and gender identities to apply. Priority will be given to Canadians and permanent residents. Learn more about equity, diversity and inclusion at UdeS.

Application process

Check our website then submit your application online. For this opportunity, see offer 05814. Please use the university's electronic system to submit your application by clicking "Postuler".

Direct link: https://www.usherbrooke.ca/emplois/offre/no/05814

The deadline to apply is **SUNDAY, DECEMBER 11, 2022, at 5 p.m. (EST)**. Review of applications will begin no later than December 12, 2022 and will continue until the position is filled.

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Please include:

1) A full curriculum vitae;

2) A short research program (maximum of 2 pages).

In addition, 3 letters of reference will need to be directly supplied to:

Prof. Martin Lepage, Ph. D.
Director of the Department of Nuclear Medicine and Radiobiology
Faculty of Medicine and Health Sciences
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