

## MEDICAL IMAGING PHYSICIST

Health Science Centre

Medical Imaging – Nuclear Molecular Medicine (Nuclear Medicine, PET-CT, Cyclotron and Radiopharmaceutical Sciences)

Permanent Full-time

<b>Hours</b>	70 bi-weekly (8 hour days; on call)
<b>Salary</b>	Salary commensurate with experience and qualifications.
<b>Competition Number</b>	2021005653
<b>Posted Date</b>	December 14, 2021
<b>Closing Date</b>	Opened until filled

### About Us

Eastern Health is the largest, integrated health authority in Newfoundland and Labrador employing approximately 13,000 dedicated employees and serving a population of more than 300,000 people. The authority offers the full continuum of health and community services including public health, long-term care, community services, hospital care and unique provincial programs and services. At Eastern Health we pride ourselves on providing the highest quality care and service possible to the people in our communities, in our region, and in the province. To do that, we employ qualified, competent, and caring individuals who are dedicated to their professions and to our vision of Healthy People, Healthy Communities.

Eastern Health's cyclotron is located at the [Nuclear and Molecular Medicine facility \(Health Sciences Centre\)](#). Production of 18F-Fluorodeoxyglucose, commonly referred to as FDG, began at the Health Sciences Centre in November 2020. The product FDG is used in [positron emission tomography](#), commonly known as PET scans. To learn more about PET scans, including frequently asked questions, please visit the [PET Scan webpage](#). The [radiopharmaceutical sciences \(RPS\)](#) team is responsible for manufacturing medical isotopes and radiopharmaceuticals through the use of a cyclotron (particle accelerator). Eastern Health holds a Class II license for the operation of the cyclotron, issued by the [Canadian Nuclear Safety Commission \(CNSC\)](#).

### Job Summary

The Medical Imaging Physicist with the Medical Imaging program will support clinical services in Nuclear and Molecular Medicine and Medical imaging through the development of educational, research and technical programs. The Medical Imaging Physicist will be responsible for providing quality assurance, testing and calibration for all nuclear medicine equipment, bone density equipment, ancillary support equipment, and equipment within the Radiopharmaceutical Sciences service; developing and implementing novel imaging techniques; developing and implementing data analysis methodologies; and conducting radiation dose calculations. S/he will take a lead role in the Corporate Radiation Safety and Quality Assurance Committees to promote best practices throughout Eastern Health. The Medical Imaging Physicist must be eligible for Class II Radiation Safety Officer CNSC certification, and to assume RSO responsibilities for the Nuclear Medicine program. The Medical Imaging Physicist will develop and maintain an active research program and teach at the technical, graduate, and post-graduate levels, as needed. A part-time clinical appointment with Memorial University Faculty of Medicine in the Discipline of Radiology to support research and teaching activities may be offered.

### Job Demands

By applying for this job, you acknowledge an understanding that regular requirements and demands of this job include (but are not limited to):

Required to make precision measurements and associated calculations.

Regularly works safely with radioactive sources for medical purposes.

Demonstrated ability to complete tasks in a specified time frame.

Occasional requirement to physically lift or move calibration and related equipment.

**Job Qualifications**

Successful completion of an accredited MSc or PhD in Medical Physics is required.  
Eligible for Certification in Nuclear Medicine Physics by the Canadian College of Physicists in Medicine (CCPM) is required (eligible for Certification as a Diplomate of the American Board of Radiology (ABR) or of the American Board of Medical Physics is considered equivalent).  
Demonstrated a strong commitment to high clinical standards.  
Demonstrated strong interpersonal, leadership, communication, and organizational skills.  
Ability to establish and maintain effective working relationships as a member of an interdisciplinary team.  
A satisfactory record of work performance and attendance is required.

Open to external applicants.

**Apply online at <https://employment.easternhealth.ca>**

To become a part of our team, please submit your resume/cover letter or application form online, clearly demonstrating how you meet the required qualifications. Include your current mailing address, day-time contact number, e-mail address, competition and employee number if applicable.

**Contact Information for Recruitment Related Inquiries:**

**Telephone:** (709) 777-7777 (5-2) or 1-800-563-3693

**Email:** [employment@easternhealth.ca](mailto:employment@easternhealth.ca). Applications/resumes are not accepted at this email address.

EXTERNAL APPLICANTS: We thank all applicants for their interest; however, only those selected for an interview will be contacted. The successful candidate will be required to provide a satisfactory Certificate of Conduct from the RCMP or local Police (Vulnerable Sector Check may be required), educational documents, registration/licensure if applicable and Social Insurance Number.

If you are no longer interested in the position, you can withdraw your application by emailing [employment@easternhealth.ca](mailto:employment@easternhealth.ca) as soon as possible.

Eastern Health is committed to inclusive and barrier-free recruitment, selection and onboarding processes. We are happy to assist applicants requesting accommodation or support during the process. Please email [employment@easternhealth.ca](mailto:employment@easternhealth.ca) or call 777-7777 press 5 then press 2 (long distance 1-800-563-3693) outlining how we can help.

To provide a safe environment for our patients, families, and health-care teams, the COVID-19 vaccination is mandatory for all employees, physicians, volunteers, and students. By December 17, 2021, all Eastern Health employees and new hires are required to be fully vaccinated against COVID-19 or have an approved exemption.