



Medical Physicist

Location: Sydney, NS, CA, B1P 1P3

Company: Nova Scotia Health Authority and IWK Health Centre

Req ID: 99125

Permanent Hourly FT (100% FTE) x 1 position(s)

Status: Non-Union position

Nova Scotia Health Authority is the largest provider of health services in Nova Scotia. We are over 22,000 employees who provide health care and support services in hospitals, health centres and community-based programs throughout Nova Scotia.

Nova Scotia Health Authority provides health services to Nova Scotians and some specialized services to Maritimers and Atlantic Canadians. We operate hospitals, health centres and community-based programs across the province. Our team of health professionals includes employees, doctors, researchers, learners and volunteers that provide the health care or services you may need. This is accomplished across four geographic management zones which are responsible for the operation of acute care health centres and the provision of a variety of inpatient, outpatient services including academic, tertiary, quaternary care and community-based programs and services including continuing care, primary health care, public health, and mental health and addictions.

Responsibilities

The Nova Scotia Health Authority is recruiting a **Medical Physicist** for the Cancer Care Program at the **Cape Breton Cancer Centre in Sydney, Nova Scotia**. As a member of the Department of Medical Physics, you will join eleven oncology and two imaging physicists within the Department of Medical Physics. At the Sydney facility, you will join a one medical physicist, three radiation oncologists, three dosimetrists, eleven radiation therapists and two electronics engineering technologists.

The Medical Physicist serves a vital role in the Provincial Cancer Care Program, supporting all aspects of clinical medical physics service at the facility, in accordance with provincial standards. The Medical Physicist reports directly to the Chief of Medical Physics and ensures that radiation therapy is delivered in an accurate, effective, and safe manner using contemporary methods and following national and international standards and guidelines. The Medical Physicist administers a Quality Assurance (QA) program addressing all steps of the radiation therapy process as directed by the Medical Physics Technical Quality Control committee. You will contribute to and provide oversight of radiation therapy treatment planning, in compliance with relevant standards established by the Provincial Cancer Care Program. You will oversee radiation safety and protection as relevant to radiation therapy at the facility, serving as the secondary Departmental Radiation Safety Officer (RSO). The Medical Physicist coordinates training sessions to medical physicists, radiation oncologists, dosimetrists and radiation therapists on clinical techniques.



The successful candidate will be expected to advance the Department's academic mandate of research and post-graduate training activities. Academically, you will apply for faculty appointment with Dalhousie University's Department of Radiation Oncology, Faculty of Medicine, and support CAMPEP-accredited Masters, Doctoral and Certificate programs in medical physics. The programs include nine graduate courses with thesis research in areas including novel technology for image guidance in radiotherapy, innovative approaches to arc-based therapy, improved methods for dosimetry of HDR brachytherapy and applications of functional and molecular imaging to radiation therapy. The Department of Medical Physics is highly supportive of research initiative among its faculty with regard to provision of resources, dedicated time, and internal funding for graduate students.

The treatment facility in Sydney includes one Varian Clinac IX, one TrueBeam unit and one CT simulator. The Eclipse/Aria planning and information system is centralized and deployed through Citrix, allowing sharing of knowledge and treatment planning across both centres in the province. The Cape Breton Cancer Centre will be undergoing an expansion by 20,000 square feet, more than doubling the current size.

Qualifications

To be considered, you:

- hold a Doctoral degree in Physics with specialization in Medical physics
- hold certification by the Canadian College of Physicists in Medicine (MCCPM) or the American Board of Radiology (DABR) OR are eligible for MCCPM certification by having graduated from a CAMPEP-accredited residency training program in radiation oncology medical physics; and
- Have an established record in research and teaching.

In addition, you offer exceptional interpersonal, communication, organization and problem-solving skills.

Link to apply:

https://jobs.nshealth.ca/nsha/job/Sydney-Medical-Physicist-NS-B1P-1P3/542473517/?locale=en_US