

## Medical Physicist

**Location:** Calgary, Alberta, Canada

**Requisition #:** ALB00242505

**Salary Range:** \$50.87 - \$89.48 per hour

**Job Type:** Regular Full Time

### **Your Opportunity:**

The Department of Medical Physics is seeking four Medical Physicists, including one leadership role, which will serve as a Deputy Clinical Director for Medical Physics, [a full job description can be found here](#).

As a Radiation Oncology Medical Physicist you'll support pre-installation work, commissioning and operationalization of the new Calgary Cancer Centre, as well as ongoing clinical service at the Tom Baker Cancer Centre. You'll also have, research, academic and teaching components in partnership with the medical physics graduate and residency programs of the University of Calgary.

Scheduled to open to the public in 2023, the \$1.4 billion Calgary Cancer Centre will be a leading health care facility, academic, and research centre that will provide cancer services for Calgary and Southern Alberta. The CCC will have 10 Linacs, 2 MR-Linacs at opening with a total of 15 vaults. There will be two MRIs dedicated for simulation and brachytherapy, as well as orthovoltage, a CT simulator, and a PET-CT simulator. Clinical radiotherapy programs at the current Tom Baker Cancer Centre in brachytherapy, SBRT, TBI, pediatric cancers and stereotactic radiosurgery will be transitioned to the CCC. Medical physics assistants, electronics, design lab and computer applications groups, as well as medical physicist residents & fellows, will support commissioning and clinical development programs.

Ranked the 5th most livable city in the world, Calgary is one of the world's cleanest cities and one of the best cities in Canada to raise a family. 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.

All postings will be open until filled, and applications will be considered as they are received.

Please include a CV and cover letter outlining your career goals and suitability for this position along with the names of three references. For further information, contact [Wendy.Smith@ahs.ca](mailto:Wendy.Smith@ahs.ca).

### **Description:**

The Successful applicants will have a once-in-a-career opportunity to be part of bringing the new Calgary Cancer Centre (CCC) to clinical operation. Teams of physicists, physics assistants will receive and commission QA equipment, inspect rooms and support the design-build process, and develop procedures and documentation. Commissioning plans will be developed and completed for all simulators and linacs. Clinical workflows and techniques will be developed to enable all treatment techniques, such as total body irradiation, SRS, SBRT, CNS irradiation and pediatrics, to be transitioned to the new CCC.

Physicists will work with physics assistants and electronics staff to support the design and set-up of these radiation medicine information systems and associated applications. Medical physicists will work in collaboration with oncologists and therapists to develop MR brachytherapy and external beam programs. They will train and educate the end users for this program, in addition to defining the quality control program and commissioning plan.

**Required Qualifications:**

PhD in Medical Physics or related discipline. Completion of an accredited residency program and eligible for certification through the Canadian College of Physicists in Medicine or equivalent. Demonstrated commitment to the highest clinical standards and highly developed interpersonal, team work, organizational and leadership skills are also required.

**Preferred Qualifications:**

Member of the Canadian College of Physicists in Medicine or equivalent is strongly preferred. Minimum 5 years' post residency experience as a Medical Physicist and Fellow of Canadian College of Physicists in Medicine is strongly preferred.

[Apply today and join our dynamic team!](#)