

Medical Physicist - Temporary 1 year

BC Cancer

Vancouver, BC

Under the leadership of the Regional Medical Physics Leader, the Medical Physicist provides specialized skills to support the technical requirements of planning and treatment of Radiation Therapy patients. Medical Physicists participate in research and teaching programs at BC Cancer and affiliated universities in British Columbia supporting CAMPEP accredited medical physics graduate studies and residency training programs. With an exciting array of new, state-of-the art RT treatment and imaging technology, we are looking for highly motivated individuals to join our team.

An aptitude for and previous experience in advanced treatment planning and commissioning of complex radiotherapy systems are strong assets for this competition. Vancouver has 9 linacs providing SRS, advanced motion management and tracked beam delivery, adaptive RT with 2 Ethos units, full service brachytherapy, MR simulation and currently preparing for MR linac.

What you'll do

- Provide direct support of patient treatment including external beam, brachytherapy and other specialized radiation techniques, by ensuring accuracy of the predicted dose and for the calculated treatment parameters to deliver the prescribed radiotherapy dose to the identified anatomical volume.
- Consult with Radiation Oncologists, other Physicians and Radiation Therapists regarding treatment strategies.
- Develop and administer the technical aspects of the radiation oncology quality assurance program, by measuring, verifying and evaluating all equipment used in the support of radiotherapy.
- Arrange for corrective actions and trouble-shooting of difficult or unusual system problems.

- Ensure radiation safety procedures are followed and participate in monitoring of radiation levels, radiation facility design, control of radioactive source inventory, assessment of any radiation incidents, and assurance that all aspects of license compliance are met.
- Provide training in radiation safety to all appropriate staff.
- Research, develop, and implement new clinical devices, techniques, and concepts, and ensure seamless transfer into the radiotherapy program by collaborating with Radiation Oncologists and other professionals.
- Develop policies and procedures and provide training to staff accordingly
- Responsible to remain current in all radiotherapy equipment and new technologies, and ensure that both meet the needs of the program.
- Participate in assessment of equipment at time of acquisition or upgrade, as well as decommissioning old equipment and commissioning of new equipment for clinical use.
- Responsible for decisions related to fitness of equipment to be used for radiation therapy patients following commissioning, repair or service and other adjustments. This requires the Medical Physicist to provide work direction to Radiotherapy Service Technologists, Physics Assistants and Tool and Die Makers as well as external service personnel.
- Responsible for teaching Medical Physics and related subjects to students and staff at BC Cancer and other institutions, including delivering a continuing education program to other members of the health care team. Additionally, responsible to maintain personal education to ensure a current and up-to-date level of expertise.

What you bring

Qualifications:

- Ph.D. degree in physics and at least two (2) years of closely related experience, OR M.Sc. degree in physics and at least four (4) years of closely related experience,
- MCCPM or equivalent is required

- Ability to provide a high standard of technical, interpersonal, organizational, analytical, oral and written communication and teaching skills.
- Independent decision-making skills and ability to work independently and as a member of a multi-disciplinary team.
- Physical ability to perform the duties of the job.
- Ability to adhere to the Canadian Organization of Medical Physicists code of ethics.

You have:

- Commitment to upholding the shared responsibility of creating lasting and meaningful reconciliation in Canada as per TRC (2015) and BC's Declaration on the Rights of Indigenous Peoples Act (2019).
- Knowledge of social, economic, political and historical realities impacting indigenous communities and familiarity with Indigenous Cultural Safety and anti-racism and accompanying reports (BC DRIPA, TRC, etc.).

What we bring

Every PHSA employee enables the best possible patient care for our patients and their families. Whether you are providing direct care, conducting research, or making it possible for others to do their work, you impact the lives of British Columbians today and in the future. That's why we're focused on your care too – offering health, wellness, development programs to support you – at work and at home.

- Join one of BC's largest employers with province-wide programs, services and operations – offering vast opportunities for growth and development.
- Access to professional development opportunities through our in-house training programs, including +2,000 courses, such as our San'yas Indigenous Cultural Safety Training course, or Core Linx for Leadership roles.
- Enjoy a comprehensive benefits package, including municipal pension plan, and psychological health & safety programs and holistic wellness resources.
- Annual statutory holidays (13) with generous vacation entitlement and accrualment.

- PHSA is a remote work friendly employer, welcoming flexible work options to support our people (eligibility may vary, depending on position).
- Perks include access to fitness classes and discounts to 350 BC-wide recreational programs, travel, technology, car and bike sharing, and more.

Job Type: Temporary, Full-Time

Salary Range: \$170,841– \$256,262/Year. *The starting salary for this position would be determined with consideration of the successful candidate’s relevant education and experience and would be in alignment with the provincial compensation reference plan. Salary will be prorated accordingly for part time roles.*

Location: 600 West 10th Avenue, Vancouver BC, V5Z 4E6

Applications will be accepted until position is filled.

Hours of Work: Monday- Friday; 0730-1530, 0800-1600, 0900-1700, 1000-1800, 1200-2000

Requisition Number: 165707E

What we do

[BC Cancer](#) provides comprehensive cancer control for the people of British Columbia.

BC Cancer is part of the Provincial Health Services Authority (PHSA).

The Provincial Health Services Authority ([PHSA](#)) plans, manages and evaluates specialized health services with the BC health authorities to provide equitable and cost-effective health care for people throughout the province. Our values reflect our commitment to excellence and include: Respect people – Be compassionate – Dare to innovate – Cultivate partnerships – Serve with purpose. Learn more about PHSA and our programs: jobs.phsa.ca/programs-and-services

PHSA and BC Cancer are committed to employment equity, encouraging all qualified individuals to apply. We recognize that our ability to provide the best care for our diverse

patient populations relies on a rich diversity of skills, knowledge, background and experience, and value a safe, inclusive and welcoming environment.

Reconciliation is an ongoing process and a shared responsibility for all of us. The BC Governments' unanimous passage of the Declaration on the Rights of Indigenous Peoples Act was a significant step forward in this journey—one that all health authorities are expected to support as we work in cooperation with Indigenous Peoples to establish a clear and sustainable path to lasting reconciliation. True reconciliation will take time and ongoing commitment to work with Indigenous Peoples as they move toward self-determination. Guiding these efforts Crown agencies must remain focused on creating opportunities that implement the Truth and Reconciliation Commission Mandate.

Questions?

Contact - Dr. Alanah Bergman, Ph.D, FCCPM, Acting Regional Medical Physics Leader, BC Cancer - Vancouver

ABergman@bccancer.bc.ca

How do I Apply?

Qualified applicants should submit a cover letter, detailed curriculum vitae including names of 3 references to mrobes@bccancer.bc.ca

Please include **Application for Medical Physicist - BC Cancer Vancouver** in the subject line.

Applications will be accepted until the position is filled.