

As per the current Public Health Order, full vaccination against COVID-19 is a condition of employment with PHSa as of October 26, 2021.

The Medical Physicist provides physics and other specialized skills to support the technical requirements of planning and treatment of Radiation Therapy patients.

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 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.
- Contact service personnel to arrange for corrective actions and trouble-shoots difficult or unusual system problems.
- Ensure radiation safety procedures are followed and participates 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 ensures seamless transfer into the radiotherapy program by collaborating with Radiation Oncologist and other professionals.
- Develop policies and procedures and provides 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 commissions 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.

What you bring

- Ph.D. degree in physics and at least two (2) years of closely related experience, OR M.Sc. degree in physics.
- At least four (4) years of closely related experience, OR MCCPM (requiring at least two (2) years clinical experience) with either M.Sc. degree in physics or PhD OR completion of an approved residency program.
- MCCPM required within two (2) years of entering this level.

You also have:

- Demonstrated ability to provide a high standard of medical radiation therapy physics services.
- Demonstrated interpersonal, organizational, analytical, oral and written communication and teaching skills.

- Demonstrated 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.

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 accrual.
- 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.
- Victoria is located on Vancouver Island with ready access to lots of recreational and cultural activities that the Island has to offer.
- Join a team of 10 physicists supporting a very active Radiation Therapy Program. The Centre has 6 Varian TrueBeam linear accelerators equipped with state of the art IMRT, SRS/SRT, SABR, IGRT, VMAT, and motion management systems. We also offer a brachytherapy program and offer superficial treatment. Treatment planning is carried out on Varian Eclipse integrated into an extensive province-wide Aria network.
- We run a CAMPEP accredited graduate medical physics program with the University of Victoria (UVic) and a province-wide CAMPEP accredited BC Cancer medical physics residency program. A wide variety of collaborative research opportunities exist across BC Cancer and UVic.

Job Type: Regular Full-Time

Location: 2410 Lee Avenue. Victoria, BC, V8R 6V5

Hours of Work: Monday-Friday; 0700-1500/0800-1600/0900-1700/0930-1730

Requisition # 124048

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.

How Do I Apply?

Qualified applicants should submit a covering letter and detailed curriculum vitae to:

Wayne Beckham, Ph.D., FCCPM, FCOMP, Professional Practice Leader, BC Cancer – Victoria
Email: wbeckham@bccancer.bc.ca

Applications will be accepted until position is filled.