



Provincial Health Services Authority

BC Cancer is committed to reducing the incidence of cancer, reducing the mortality from cancer, and improving the quality of life of those living with cancer. It provides a comprehensive cancer control program for the people of British Columbia by working with community partners to deliver a range of cancer services, including prevention, early detection, diagnosis and treatment, research, education, supportive care, rehabilitation and palliative care. It operates six regional cancer centres in Surrey, Kelowna, Vancouver, Victoria, Abbotsford and Prince George. The BC Cancer Research Centre conducts research into the causes and cures for cancer.

BC Cancer is part of the **Provincial Health Services Authority (PHSA)** which plans, manages and evaluates specialty and province-wide health care services across BC. PHSA embodies values that reflect a commitment to excellence. These include: *Respect people • Be compassionate • Dare to innovate • Cultivate partnerships • Serve with purpose.*

Medical Physicist

BC Cancer

Temporary Full-Time Opportunity

Kelowna, BC

Applications are invited for a temporary full-time position of **Medical Physicist at BC Cancer – Kelowna**. Our centre is entering a phase of Linac replacement and this position will allow for additional physicist support for the duration of the Linac replacement/construction cycle, minimum of 12 months.

The successful candidate will join our team of 11 physicists, 2 physics associates, 3 radiation service technicians and a tool and die maker in supporting a comprehensive Radiation Therapy Program. BC Cancer - Kelowna currently houses five Varian accelerators, including two brand new Truebeams with 6DOF couches, HDMLC, advanced imaging including Identify® surface guidance system, an iX that is being replaced with Canada's first ETHOS® system this summer, and two existing older Truebeams will undergo replacement in 2023. The RT department also has an orthovoltage machine, two CT simulators, a new PET CT, HDR (Varian GammaMed) and LDR brachytherapy and electronics and machine shops, including 3D printing. Treatment planning is carried out on Varian Eclipse which is integrated into a province-wide Aria network. A full range of treatments is supported including an active SABR program and a large, dynamic brachytherapy program includes permanent LDR implants for prostate and breast and HDR brachytherapy for prostate, intracavitary and interstitial GYN, and penile treatments. Introduction of an adaptive RT program will accompany the install of ETHOS® this year.

Reporting to the Professional Practice Leader Medical Physics, the successful candidate is expected to participate fully where needed in clinical services, treatment planning, quality assurance, commissioning and development of new treatment techniques and protocols. The successful candidate will have the opportunity to contribute to research and teaching. The BC Cancer – Kelowna medical physics department runs a CAMPEP accredited Medical Physics Graduate Program jointly with the University of British Columbia Okanagan (UBCO) and is an



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active participant in the province-wide CAMPEP accredited BC Cancer Medical Physics Residency Program. A wide variety of collaborative research opportunities exist across BC Cancer and UBCO.

Qualifications & Experience:

- PhD. in Medical Physics.
- A minimum of 2 years' experience in Radiation Oncology Physics is required.
- Membership in CCPM/ABR or eligibility for membership (e.g. newly graduated CAMPEP residents) is required.

Salary will be commensurate with qualifications and experience. We offer a competitive compensation package.

Kelowna is dynamic and beautiful city located in the heart of BC's renowned Okanagan Valley and affords ready access to extensive recreational and cultural activities. The hot and dry summers provide ample opportunity to enjoy the 19 golf courses, hiking and biking in the local mountains, or simply relaxing along the waterfront or at one of the 40 local wineries. Although the winters are relatively mild, the local mountains offer diverse ski and snowboarding terrain along with other adventure activities.

We are a team of friendly, committed and highly experienced medical physicists and we look forward to welcoming a new member to our team with this unique opportunity!

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

Michelle Hilts PhD FCCPM, Regional Professional Practice Leader Medical Physics, BC Cancer – Kelowna

Email: mhilts@bccancer.bc.ca

Applications will be accepted until the position is filled.

The PHSA is committed to employment equity and hires on the basis of merit. We encourage applications from all qualified individuals, including Aboriginal peoples, persons with disabilities and members of visible minorities.