

Medical Physicist, Radiation Therapy (BC Cancer – Vancouver)

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BC Cancer – Vancouver

Job Type: Temporary, Full-time
Salary Range: \$174,258 - \$261,387/ year
Location: 600 W 10th Ave, Vancouver, British Columbia

BC Cancer – Vancouver is seeking applicants for a temporary (one-year), full-time Medical Physicist position, starting December 2026.

The successful applicant will join a team of 25 medical physicists, 2 medical physics residents, 5 physics assistants, 6 radiation therapy service technicians, and 3 tool and die makers, which supports the large and diverse radiation therapy program in Vancouver. Equipment-wise, Vancouver has 7 TrueBeam linear accelerators, 2 Ethos units, a Radixact unit, 2 CT simulators, a Flexitron afterloader, and AlignRT and Identify surface guidance systems. Software includes Eclipse, Raystation, Oncentra, and VariSeed treatment planning systems; a provincial ARIA oncology information system; and MIM. Special therapy techniques include VMAT TBI, adaptive RT, gating and tracking motion management, SRS, SABR, TSEI, gynecologic-focused HDR brachytherapy, and prostate and eye plaque LDR brachytherapy programs. Additionally, the successful applicant will have the opportunity to contribute to advancing the existing MR program, automated planning and ESAPI scripting, re-irradiation, custom-device fabrication in collaboration with our machine shop, and clinical trials.

Beyond the clinic, there are ample teaching and mentorship opportunities within the province-wide residency program and the medical physics graduate program, based at the University of British Columbia (UBC). The department is active in research and clinical development, and physicists can pursue adjunct or clinical professor appointments at UBC.

Nestled between ocean and mountains, Vancouver, British Columbia offers an exceptional blend of natural beauty and urban sophistication. The city is known for its vibrant arts and culinary scenes, diverse neighbourhoods, and easy access to outdoor adventures - from oceanside strolls along the world-renowned Seawall to skiing just minutes from downtown. Consistently ranked among the world's most liveable cities, Vancouver provides a healthy, active lifestyle with stunning mountain and waterfront views, fresh air, and a welcoming, multicultural community.

When you click the link below to apply, the posting will reference a Senior Medical Physicist position. However, we still encourage applicants with a Ph.D. (preferred) or M.Sc. in physics who have completed a CAMPEP-accredited residency program or equivalent to apply. Relocation assistance is available.

Please apply at this [link](#).

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