

CancerCare Manitoba located in Winnipeg, Manitoba, Canada is a provincial agency which provides clinical and academic services and leadership for cancer control and the treatment of blood disorders. **We invite applications for the position of:**

**Radiation Oncology Physics Resident
Medical Physics - MacCharles**

**Term, Full-Time (1.0 EFT)
November 1, 2022 – January 25, 2025
Competition #: 068-21-714203007**

Job Summary:

CancerCare Manitoba treats approximately 3700 radiation therapy patients per year. We operate eight linear accelerators including a state-of-the-art EDGE linear accelerator dedicated to stereotactic radiation therapy (6D couch, HDMLC, aS1200 EPID, and Calypso system) which is operated in collaboration with the Winnipeg Health Sciences Centre. Other advanced equipment includes three CT simulators, a PET/CT simulator (at the Winnipeg Health Sciences Centre), an HDR brachytherapy unit, a multi-workstation treatment planning system (including 3DCRT, IMRT, and RapidArc), a prostate seed implant program, and an orthovoltage unit. We also support an intra-cranial Radiosurgery Program collaboratively with the adjacent Winnipeg Health Sciences Centre, which was the first in Canada to employ an Elekta Gamma Knife. We operate one of Canada's longest running radiation oncology physicist residency programs (CAMPEP accredited since 2009) as well as a CAMPEP-accredited medical physics graduate program which is affiliated with the Department of Physics and Astronomy at the University of Manitoba. Our research activities include theoretical and experimental studies of dosimetry using electronic portal imaging devices, biological targeting using advanced functional MR imaging, and multi-objective optimization for treatment planning.

The radiation oncology Physics Resident supports the Radiation Oncology Program. During the twenty-seven-month program the Resident will attain the technical expertise and leadership required to deliver radiation treatment accurately, safely and efficiently. The Resident will gain detailed knowledge of fundamental physical and scientific principles applied to radiation medicine, including the areas of radiation dosimetry, quality assurance, treatment planning, brachytherapy, image-guidance, instrumentation, patient safety, and risk management. The Resident is responsible for assisting with implementing technical and clinical innovation as well as optimizing quality of care and operational efficiencies during their rotations.

Qualifications:

Requirements:

- Graduate degree in Medical Physics from a CAMPEP accredited program (CAMPEP = Commission on the Accreditation of Medical Physics Education Programs)
- Must have intermediate computer skills - MS Office, Internet, keyboarding, data entry
- Must have excellent oral and written communication skills
- Must demonstrate attention to detail, organizational skills, and problem-solving skills
- Ability to work both independently and as a member of a multi-disciplinary team
- Must have strong initiative and sense of responsibility
- Flexible working hours
- Must hold a satisfactory employment record
- Must be able to legally work in Canada

Preferred:

- Graduate degree in Radiotherapy Physics

Asset:

- Ability to speak French

Salary: Non- Union

Note:

Please contact Dr Sankar Venkataraman, Director, Radiation Oncology Physics Residency Program for any queries related to residency program at svenkataraman@cancercare.mb.ca. Please submit a detailed cover letter outlining how you meet the requirements for this position along with a current resume which references the Competition Number to SAP Success Factors [Cancercare - Winnipeg Regional Health Authority Jobs \(wrha.mb.ca\)](https://www.wrha.mb.ca/jobs).

Closing Date: August 26, 2022

This position is subject to a Criminal Record Check, including Vulnerable Sector Search, an Adult Abuse Registry Check and a Child Abuse Registry Check. The successful candidate will be responsible for any service charges incurred.

CancerCare Manitoba is committed to developing inclusive, barrier-free recruitment processes and work environment. If you are contacted by CancerCare Manitoba regarding a job opportunity or testing, please advise if accommodation measures must be taken to enable you to apply and be assessed in a fair and equitable manner.