



# Medical Physics Residency Program

The University of Toronto Residency Program in Radiation Oncology Physics is seeking applicants for one position starting September 2, 2025 at the following training sites: **Princess Margaret Cancer Centre in Toronto.**

The CAMPEP accredited University of Toronto Program is a 2-year clinical training program. Successful applicants will receive comprehensive clinical training, covering all aspects of clinical radiation therapy physics, including radiation safety, brachytherapy, quality assurance of all radiation therapy equipment, external beam treatment planning, stereotactic radiosurgery, image-guided radiation therapy. Residents are also expected to complete a clinical development project.

We are seeking candidates with strong critical thinking, excellent oral and written communication skills and a desire and ability to work well in a multi-disciplinary team environment. Demonstrated research ability is an asset. The preferred entry requirement is a Ph.D. in Medical Physics or a related subject with completion of a CAMPEP accredited graduate program or certificate program. Minimum requirements for eligibility are as per CAMPEP guidelines. Candidates must be eligible to work in Canada: Canadian citizenship, permanent residency or a valid Canadian work permit that remains valid within the two-year program, is required.

A complete application will consist of:

- A completed Applicant Checklist that can be found on our website [here](#)
- A cover letter that describes the candidate's background and motivation for applying to the program and that indicates the position(s) for which the applicant is applying
- A detailed CV that includes the names of 3 professional references
- Unofficial university transcripts from undergraduate and graduate schools (with the understanding that we may request official transcripts at any time)
- Reference letters submitted directly from at least 2 of the 3 listed professional references  
*\*If you are a PhD Candidate, kindly request that your supervisor indicate when the expected date of completion/defense is in their reference letter*

The applicant checklist, cover letter, CV and electronic transcripts should be sent to Tanya Webb, the Program Coordinator, at [tanya.webb@utoronto.ca](mailto:tanya.webb@utoronto.ca).

Residents will be hired locally at Princess Margaret Cancer Centre, which offers competitive salary and benefits package during the training program and the opportunity to contribute to dynamic medical physics teams.

For detailed information on application and eligibility requirements please see our website:  
<https://radonc.utoronto.ca/how-apply>

**Application Deadline: May 2, 2025**

Details about the Hiring Site

The Princess Margaret Cancer Centre is a large academic radiotherapy center located in the heart of downtown Toronto. Princess Margaret Cancer Centre offers a full range of treatments using 16 linear accelerators, an MR-guided brachytherapy suite, two Gammaknife stereotactic radiosurgery units, and an orthovoltage unit. Treatment machines include both Varian and Elekta linear accelerators alongside more specialized systems like the Unity MR-Linac, Halcyon, Ethos adaptive radiotherapy, and a HyperSight-equipped Truebeam system. Imaging for planning is performed on 4 CT-simulators including a new Canon dual-energy scanner and two MR-sim units. Software systems include Mosaik, Raystation, Monaco, ARIA/Eclipse, and Oncentra Brachy. Residents are involved and trained in a comprehensive range of clinical medical physics activities throughout the department and will be well-positioned to apply for clinical certification by the end of their Residency.