**Medical Physics Residency Program**

The University of Toronto Residency Program in Radiation Oncology Physics is seeking applicants for four positions starting September 2, 2025 at the following training sites:

* Princess Margaret Cancer Centre in Toronto (2 Positions)
* Sunnybrook Odette Cancer Centre in Toronto (2 Positions)

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](http://www.campep.org/ProspectiveApplicants.asp) guidelines. Due to funding conditions, applicants must be Canadian citizens or Permanent Residents.

A complete application will consist of:

* A completed Applicant Checklist that can be found on our website [here](https://radonc.utoronto.ca/sites/default/files/inline-files/Checklist_Physics%20Residency%20Application_2025Sept.pdf)
* 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
* Official university transcripts from undergraduate and graduate schools
* Reference letters submitted directly from at least 2 of the 3 listed professional references

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 one of these two hiring sites, each of which offer 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](https://urldefense.com/v3/__https:/radonc.utoronto.ca/how-apply__;!!AvaGOQ!XccmRfO5xTggzzS3JJyuvz7oKG6ZLDZim_Po8IvTbVR_mjmo6O9pxop7jwq4NZIfKw$)

**Application Deadline: Jan 10, 2025**

Details about the Two Hiring Sites

The Odette Cancer Centre at Sunnybrook Hospital is a large, fast paced academic radiation treatment centre located in mid-town Toronto.  We place a strong emphasis on MR guided radiotherapy and host one of the largest brachytherapy programs in North America.  There are a total of 13 linacs in our fleet and a number of MRI simulators. Some of the more specialized treatment machines include the MR-Linac Unity system, the Gamma Knife Icon, Halcyon units as well as a Synaptive 0.5T MRI.  Our ideal candidate is one who wishes to make an impact in the field of medical physics through innovation and leadership.  We encourage our residents to develop their leadership skills through our well-developed mentorship and offer professionalism education throughout the residency.  Residents are integrated into the daily functioning of our clinic and are required to attend Rounds as well as staff and linac meetings to understand the role of the medical physicist in the Radiation Treatment Program.  At the completion of the program, the resident will have the knowledge and experience required to apply for clinical certification.

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 Mosaiq, 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.