Radiation Oncology
UNIVERSITY OF TORONTO

Medical Physics Residency Program

The University of Toronto Residency Program in Radiation Oncology Physics is seeking applicants for one position starting January 6, 2025 at the Stronach Regional Cancer Centre (Newmarket, ON).

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. 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
- 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 the Program may request official transcripts at any time)
- 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.

Residents will be hired locally at the Stronach Regional Cancer Centre, which offers competitive salary and benefits package during the training program and the opportunity to contribute to a dynamic medical physics team.

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

Application Deadline: September 30, 2024

Details about the Hiring Site

The Stronach Regional Cancer Centre (SRCC) at Southlake Regional Health Centre provides advanced radiation treatment to 1700 patients annually in the York and South Simcoe Region, bringing state-of-the-art treatment closer to home. Modern radiotherapy techniques such as volumetric modulated arc therapy, intensity modulated radiation therapy, stereotactic radiotherapy and image guided radiotherapy are routinely used for various disease sites. Our program houses 5 Elekta linear accelerators including the Harmony model which is the first installed in Canada. A Philips big-bore CT simulator and a Siemens Vision 600 PET-CT are on site for radiotherapy simulation. MosaiQ is the Oncology Information System used for both medical and radiation oncology. Our treatment planning system is currently under transition from Pinnacle to RayStation.

SRCC provides the learning experience of a welcoming, innovative and dynamic radiation program. The physics resident will be fully integrated into the physics team at SRCC; they will gain clinical knowledge and experience through close interaction with members in a medium sized radiation program. The physics resident will spend approximately 20% of their time to do clinical rotations of specialized programs/techniques at the Princess Margaret Cancer Centre. At the completion of the training program, the resident will have the knowledge and experience required to apply for clinical certification.