

POSITION: MEDICAL PHYSICS RESIDENTS

LOCATION: London Regional Cancer Centre
London, Ontario, Canada

The London Regional Cancer Centre is committed to providing leadership in cancer treatment, research, and education. Current treatment resources include 8 megavoltage therapy machines, many with MLC and portal imaging, a CT-simulator, 2 simulators, HDR and LDR units, and specialty programs in IMRT, ultrasound-guided prostate brachytherapy, stereotactic radiosurgery, and photodynamic therapy. Access to MRI and PET/CT is available in partner institutions. A prototype helical tomotherapy system is installed and is a major focus for R&D activity. Related research is underway in IMRT, gated tomotherapy, 3-D gel dosimetry, optical CT, dose optimization, radiobiological modeling, treatment uncertainty propagation and the use of imaging in oncology.

While the primary intent is to provide the Resident with a practical foundation in clinical physics, interaction with the research group will be encouraged via a research project which occupies 20% of activities. The training period ends with an oral examination for certification as a radiation oncology physicist within Ontario.

The preferred entry requirement is a Ph.D. in (Medical) Physics or a related subject. Minimum entry requirement is a M.Sc. in Medical Physics.

London, Ontario is a pleasant and affordable university and health care city of 350,000 people nestled in south-western Ontario within a short drive to Toronto, Windsor (Detroit), and Niagara Falls (Buffalo). Proximity to Canada's Great Lakes region offers a wide range of recreational activities during all seasons.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. Cancer Care Ontario is an equal opportunity employer. We thank all those who apply; however, only candidates chosen for interview will be contacted.

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