Job Title:	Temporary - Physics Resident PhD ICP
Job ID:	89333
Department:	LRC Education Medical Physics
Full/Part Time:	Full-time
Regular/Temporary:	Temporary
Union:	PIPSC

Posting Period

Open: November 10, 2022

Deadline: December 15, 2022

PIPSC

This position is covered by a collective agreement. Applications from outside the bargaining unit are welcome but can only be considered if the position is not filled from within this bargaining unit.

Department Name

The London Regional Cancer Program is committed to providing leadership in cancer treatment, research, and education and is affiliated with Western University. The London Regional Cancer Program is equipped with "state-of-the-art" treatment planning computers, linear accelerators, brachytherapy devices, dosimetry laboratory, and a "R&D" laboratory. Current resources include five Varian TrueBeam Linear Accelerators, three Varian iX Linear Accelerators (with one to be replaced by a sixth TrueBeam in 2022), one Accuray Tomotherapy, one Orthovoltage treatment machine, three simulators (2 Canon Exceed Large Bore CT scanners and one MR Sim shared with LHSC), and a Varian HDR brachytherapy afterloader. The LRCP is transitioning to Varian Eclipse as the enterprise treatment planning software along with Varian ARIA record and verify system, but also has access to RaySearch RayStation and Philips Pinnacle treatment planning systems, and Mim Software for advanced multi-modality imaging applications.

The successful candidate will join a team of 14 Medical Physicists, 11 dosimetrists and 2 other medical physics residents involved in the radiation therapy of cancer and will benefit from comprehensive "on-the-job" experience. The Resident will participate in clinical activities, including radiation dosimetry, treatment planning, brachytherapy and quality assurance of all radiation therapy equipment. Specialty programs at the LRCP include helical tomotherapy,

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prostate brachytherapy, stereotactic radiation therapy, total body irradiation, respiratory motion management with RPM Gating and Surface-Guided Radiotherapy (SGRT), and photodynamic therapy.

Clinical and applied research is ongoing in several areas including ultrasound-guided brachytherapy, multimodality imaging for treatment planning, optimization of intensity modulated radiation therapy and tomotherapy, 3D and 4D radiation dosimetry using gels and optical CT, motion management and gated treatment delivery, as well as adaptive radiation therapy.

While the primary intent is to provide the Resident with a strong practical foundation in clinical physics, interaction with the research group will be encouraged via a clinical development project. Courses in radiation physics and radiation biology are available at Western University during the tenure of this position (if required). The training period ends with an oral examination for certification as a radiation oncology Physicist within Ontario. A copy of the Medical Physicist Training Syllabus may be obtained from the Human Resources Department. The LRCP Medical Physics Residency Program is accredited through the Commission on Accreditation of Medical Physics Education Programs (CAMPEP).

Rate of Pay: $35.06 - $36.77 per hour

Hours of Work: 37.5 hours per week

Duration of Contract: Two years

Qualifications

- Ph.D. in (Medical) Physics or a related subject with CAMPEP certification being an asset (students from non CAMPEP-accredited graduate programs may require course bridging)
- High degree of interest, enthusiasm, and commitment to patient care and research
- Ability to participate in clinical service and research
- Demonstrated excellent oral and written communication skills
- Demonstrated computer proficiency with Automated Clinical Systems
- Demonstrated practice and commitment to the principles of patient and family centered care
- Demonstrated practice and commitment to patient and staff safety at LHSC
- Demonstrated practice and commitment to LHSC's Mission, Vision and Values
- Demonstrated ability to attend work on a regular basis

Immunization Requirements:

- Provide Immunization or proof of immunity reflective of Ontario Hospital Association (OHA) Guidelines. These include measles, mumps, rubella and varicella, and a tuberculosis skin test. Additional immunizations may be recommended.   Detailed information regarding health review requirements and immunization can be found at https://www.lhsc.on.ca/careers/health-review-requirements

Vaccination Requirements:

- LHSC has aligned with our peer health care organizations by instituting a mandatory COVID-19 vaccination policy. Proof of vaccination for COVID-19 is required for all LHSC employees.

LHSC is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, Indigenous people, persons with disabilities, and LGBTQ2+ persons. We are committed to providing persons with disabilities equal opportunities and standards of goods and services and are also fully compliant with the Accessibility for Ontarians with Disabilities Act (2005), as applicable.

We are committed to providing a safe, healthy and inclusive work environment that inspires respect. LHSC encourages applications from persons with disabilities and we are committed to providing accommodations upon request.

As part of the assessment process applicants may be required to complete a written examination or test. Please be advised that a reference check may be conducted as part of the selection process.

Application Process:

This program participates in the MedPhys Match, with a September 1st start date.

Your interest in this opportunity is appreciated. Only those applicants selected for an interview will be contacted. Successful candidates, as a condition of job offer, would be required to provide a satisfactory police information check (original document) completed in the last 3 months.

Please visit www.lhsc.on.ca - Careers for more information.

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