

Job ID: 104028

Medical Physicist ICP - Physics and Engineering

Open: December 12, 2024

Deadline: January 11, 2025

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.

Physics and Engineering - The Verspeeten Family Cancer Centre

The Verspeeten Family Cancer Centre is inviting applications for one of three permanent full-time Medical Physicists to enhance our radiation oncology service. The Verspeeten Family Cancer Centre is committed to providing excellent clinical service, leadership in oncology research, and education in radiation oncology, radiation therapy and medical physics. The Verspeeten Family Cancer Centre is a state-of-the-art facility treating over 4000 patients per year featuring seven Varian TrueBeam linear accelerators, two with HD-MLC and two VisionRT AlignRT systems, one Varian IX, ARIA record and verify, one Accuray Tomotherapy treatment machine, and one XStrahl Orthovoltage unit. We will be installing our first Varian Ethos linear accelerator in the Winter of 2025. Our primary treatment planning is Varian Eclipse, with access to RaySearch Raystation. CT Simulation is performed using two Canon Large Bore Exceed CT Scanners (first in North America), with access to Diagnostic MR and PET/CT for multi-modality simulation. The Verspeeten Family Cancer Centre also features a very active and progressive brachytherapy program using a Varian GammaMed Plus HDR afterloader for gynecological cancers and prostate and iodine-125 LDR implants for prostate. Current areas of research include but are not restricted to: IMRT/VMAT optimization, adaptive radiotherapy, stereotactic radiotherapy/surgery, motion management, surface guided radiotherapy, and brachytherapy. The successful candidate will join a dynamic group of 14 experienced Medical Physicists, 13 Medical Dosimetrists, and a strong technical support group of 5 Electronics Technologists, 3 Medical Physics Associates, an IT Administrator, and a Physics Software Technical Specialist. The candidate will be expected to participate in all aspects of clinical physics service as well as teaching, and research and development. In addition, the Verspeeten Family Cancer Centre houses a CAMPEP accredited Medical Physics Residency training 3 residents, a Radiation Oncology residency program with 10 residents and participates in the education of the Radiation Therapy Program through the Michener Institute or Mohawk. Overall, the Verspeeten Family Cancer Centre provides an ideal environment for Medical Physicists to develop both clinically and academically, and to integrate into an outstanding team of professionals collectively providing evidence-based care to oncology patients.

Regular Full-Time

Hours of Work: 37.5 hours per week

Rate of Pay: \$67.47 per hour - \$88.24 per hour

Qualifications:

- Ph.D. in Physics or a related field
- Completion of Medical Physics Residency, preferably accredited by CAMPEP
- Two or more years of related clinical physics experience
- Membership or Fellowship in the Canadian College of Physicists in Medicine preferred
- Experience with both HDR and LDR brachytherapy would be considered an asset
- High degree of interest, enthusiasm, and commitment to patient care and research
- Ability to supervise students of technical staff
- Effective teaching ability
- Excellent verbal and written communication skills

- Ability to perform research and development in Clinical Physics
- Demonstrated computer proficiency with clinical systems
- Demonstrated practice and commitment to the principles of patient and family centred care
- Demonstrated practice and commitment to patient and staff safety
- Demonstrated practice and commitment to LHSC's vision, purpose, and values
- Demonstrated ability to attend work on a regular basis

Immunization Requirements:

Before beginning employment at LHSC, all new hires will be required to:

- Provide vaccination records or proof of immunity against measles, mumps, rubella and varicella (chicken pox), Hepatitis B, Tetanus/ Diphtheria/Polio; Meningitis;
- Provide documentation of the Tuberculosis skin testing (two step);
- Provide proof of Health Canada-approved COVID-19 vaccination reflective of Ontario Health's current definition of being fully vaccinated
- For more information visit <https://www.lhsc.on.ca/careers/health-review-requirements>

Teaching, Learning and Research

London Health Sciences Centre is proudly one of Canada's largest acute-care teaching and research hospitals. LHSC has an unwavering commitment to lifelong learning, with education agreements in collaboration with over 55 schools, hospitals, and community agencies from across Ontario, Canada and internationally; among our many education partners, our three regional partners are Western University, Fanshawe College, and Thames Valley District School Board. LHSC provides students with a place that they can learn and discover knowledge and skills to take them forward in their careers as health care professionals. Approximately 2,900 Nursing, Health and other students ranging from secondary school to university graduate level programs receive training at LHSC every year. As an employee of LHSC, you will be expected to engage in role-related teaching, professional development, and research activities in addition to standard position duties and responsibilities.

If interested in this role, please apply with a resume that outlines all current and previous experience relevant to the position.

We are committed to providing a safe, healthy and inclusive work environment that inspires respect. LHSC is committed to employment equity and diversity in the workplace and welcomes applications from equity-denied groups including Indigenous people, racialized people, women, persons with disabilities, and 2SLGBTQIA+ persons. LHSC is also committed to ensuring an accessible and inclusive recruitment process.

Upon individual request, we will endeavor to remove any barrier to the hiring process to reasonably accommodate candidates, including those with disabilities, while maintaining a fair, consistent and equitable recruitment approach. Should any applicant require accommodation through the application, interview or selection processes, please contact Recruitment Services at 519-685-8500, extension #34321 or recruitment@lhsc.on.ca.

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

Thank you for your interest in this opportunity. Only those applicants selected for an interview will be contacted