

## Radiation Therapist (RT)

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## Radiation Therapist (RT)

### Ontario Veterinary College Health Sciences Centre

**Temporary part-time  
(Less than 24 hours a week)**

Please apply by emailing [ovchschr@uoguelph.ca](mailto:ovchschr@uoguelph.ca) and sending your:

- Cover Letter
- Resume
- Availability

The Ontario Veterinary College Health Sciences Centre (HSC) provides a comprehensive and innovative clinical environment for experiential learning and discovery through the provision of excellence in patient care and client experience.

The Radiation Therapy Facility consists of a Linear accelerator Clinac iX with on board imaging (CBCT and KV/MV imaging), ARIA R&V System for Varian Accelerator, Eclipse Treatment Planning, ARIA Server package and workstation, and a desktop computer system with Centricity and Stringsoft (HSC health information system). The linear accelerator and its accompanying software are the same as in human radiation therapy medical departments and are maintained to the same standard. This facility is used mainly in the treatment of cancer however it is also used for research purposes and occasionally the treatment of non-malignant disease. The typical caseload consists of companion animals [dogs and cats; large animals (horses, pigs, sheep, etc.)] may be treated in the future. The OVC HSC accepts referral cases from across Canada and the United States.

Working closely with the Radiation Oncologist and Medical Physicists regarding treatment and protocols the Radiation Therapist (RT) will: plan CT and MRI procedures; import CT and MRI images into Eclipse treatment planning system; facilitate normal tissue/organ contouring; ensure quality assurance on the treatment plan and perform prescribed imaging and treatments. The successful candidate will communicate regularly with the Radiation Safety Officer as required by the Canadian Nuclear Safety Commission (CNSC). The RT is responsible for: the operation, security and use of the radiation therapy facility; providing daily quality assurance checks on the treatment machine and associated equipment; arranging for quarterly maintenance inspections and problem solving machine function issues.

The Radiation Therapist is required to: communicate effectively with internal and external stakeholders to build mutual respect, understanding and a collaborative team environment including coordinating appointments with Oncologists, Anaesthesia, Diagnostic Imaging and Radiation service areas; perform treatments, CT planning, MRI planning under the direction of the Radiation Oncologist; work in service areas where there is significant interaction with clients, students and animals directly. Experienced RTs may be involved in the orientation and training of new personnel. The OVC HSC has a varied patient base thus RT may assist with procedures unique to companion animals and/or to large animals.

Requirements for this position include: successful completion of an accredited M.R.T. (T) program, registration with Canadian Association of Medical Radiation Technologists (C.A.M.R.T.), College of Medical Radiation Technologists of Ontario (C.M.R.T.O.) and Ontario Association of Medical Radiation Technologists (O.A.M.R.T.) and some related experience. Excellent record keeping and verbal and written communication skills are required. An in-depth knowledge of radiation therapy equipment is required with preference given to those who are experienced with CLINAC, OBI system, ECLIPSE planning system and Aria. A demonstrated understanding of

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physical and radiobiological effects of radiation on tissue in the clinical oncology setting and an understanding of clinical imaging and radiation set-up are required. Proficiency with computerized hospital information systems as well as the ability to use the Internet, e-mail, Excel and PowerPoint.

The incumbent will be cross-trained in other areas of the OVC HSC based on operational areas. Flexibility in scheduling availability is required. The incumbent will be required to work a variety of shifts including evenings and weekends.

**A protective rabies titre is required.**

Hourly rate \$30.08 per hour

***At the University of Guelph, fostering a [culture of inclusion](#) [1] is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.***

**Source URL:** <https://www.uoguelph.ca/hr/careers-guelph/current-opportunities/radiation-therapist-rt>

### Links

[1] <https://www.uoguelph.ca/diversity-human-rights/sites/uoguelph.ca.dhr/files/public/Inclusion%20Framework%20Endorsed%20April%202017.pdf>