

Radiation Therapy: Education Opportunity

Radiation sciences and the growing Cancer Care Program in Newfoundland and Labrador

What is Radiation Therapy?

- ❖ Cancer treatment that uses beams of intense energy to kill cancer cells
- ❖ Damages cells by destroying the genetic material that controls how cells grow and divide
- ❖ Goal: to damage as few normal, healthy cells while destroying cancerous cells

What is the role of a Radiation Therapist?

- ❖ Treatment delivery: safely operate a linear accelerator
- ❖ Patient counseling/assessment on possible side effects
- ❖ Treatment planning: CT simulation; Dosimetry

Education Opportunity

- ❖ Aid in tuition, books and fees with a return-in-service agreement (specific to Cancer Care Western in Corner Brook)
- ❖ Education posting on the Eastern Health Careers website
- ❖ Student must apply to the Michener Institute for Education at UHN on own merit by February 1, 2022
- ❖ Prerequisites: Minimum 1 year of university with courses in biology, mathematics, physics, and social science; GPA B-

Course Details

- ❖ Joint program between the University of Toronto and Michener Institute for Education at UHN; Toronto ON
- ❖ Year 1: September 2022 – Didactic learning in Toronto, ON with 8 week clinical placement in Newfoundland or other program affiliated site
- ❖ Year 2: September 2023 – Didactic learning in Toronto, ON with 4 week clinical placement in Newfoundland or other program affiliated site
- ❖ Year 3: August 2024 – 30 week clinical placement in Newfoundland or other affiliated site
- ❖ Graduates will earn a BSc in Medical Radiation Sciences from the University of Toronto and an Advanced Diploma in Health Sciences (Radiation Therapy) from the Michener Institute for Education at UHN

Resources

- ❖ <https://cancercare.easternhealth.ca>
- ❖ <https://radonc.utoronto.ca/radiation-therapy>
- ❖ <https://michener.ca/program/radiation-therapy-university-toronto/>
- ❖ [Canadian Association of Medical Radiation Technologists \(camrt.ca\)](https://www.camrt.ca)