The Department of Radiation Oncology at the Odette Cancer Centre at Sunnybrook Health Sciences Centre is seeking applications for a scientist position.

Expertise is sought in MRI-Imaging with experience in MRI-hardware development and/or methodological expertise in tumour identification/tracking and therapy response monitoring. The successful candidate will develop a translational research program in radiation treatment related sciences spanning pre-clinical and clinical interests. The department is equipped with infrastructure consisting of 1.5T and 3T scanners and is investing in MR-HIFU and MR-Linac technology about which research activities will be centered.

Expertise is sought for developing multi-modal and quantitative MRI aspects of tumour imaging. Specifically, additional expertise in CT-based imaging, optical and/or US-based approaches is an asset. The successful candidate will develop these as complimentary techniques to be integrated with a research program toward establishing quantitative MRI for tracking radiation responses to tumours.

The position is a 3-year term limited appointment with the possibility of renewal. The expected start date is July 1, 2017.

A successful candidate will hold a Ph.D. and be qualified for appointment in the Sunnybrook Research Institute and/or at the level of Assistant Professor in Radiation Oncology and in an appropriate department at the University of Toronto, through which she/he will be eligible for appointment to the School of Graduate Studies.

Applications should be submitted electronically to:

Dr. Gregory J. Czarnota Ph.D. M.D.  
Head, Radiation Treatment Program,  
Chief, Department of Radiation Oncology  
Odette Cancer Centre, Sunnybrook Health Sciences Centre  
2075 Bayview Avenue,  
Toronto, Ontario M4N 3M5  
CANADA  

radiation.oncology@sunnybrook.ca

Please state in the subject line "2017 MRI Scientist Application"