



Medical Physicist/Associate Medical Physicist

The Tom Baker Cancer Centre invites applications for positions as a Medical Physicist and an Associate Medical Physicist (Resident) in the Department of Medical Physics.

Physicists within the Department provide clinical physics services at the Tom Baker Cancer Centre (TBCC). Approximately 2500 patients per year receive radiotherapy on one of the nine megavoltage units at the TBCC. Eight of these units are Varian linear accelerators, all of which are equipped with multileaf collimators and three of which have aSi EPIDs. Treatment preparation takes place on one of two CT simulators or a conventional simulator with plans generated by the Pinnacle treatment planning system. The TBCC supports active clinical programs in IMRT, brachytherapy including prostate brachytherapy and stereotactic radiosurgery. There are currently eight physicist positions at the TBCC within a total Physics Department staff of 45. Academic activities are conducted through the Departments of Oncology and Physics and Astronomy at the University of Calgary. A graduate medical physics program is in place. In addition, the Department contributes to the teaching of Radiation Oncology residents and Radiation Therapy students. Research activities are generally directed towards on-going clinical programs and are conducted in close collaboration with the Department of Radiation Oncology.

Both the Medical Physicist and Associate Medical Physicist positions require a PhD in Medical Physics, Physics or a closely related discipline.

The Medical Physicist position requires, in addition, certification or eligibility for certification in Radiation Oncology Physics as well as a record of effective teaching and productive research.

The Associate Medical Physicist position (Resident) is a two year term position during which time the incumbent follows a structured program intended to provide practical training in medical physics and preparation for the certification examination of the Canadian College of Physicists in Medicine. Graduation from a CAMPEP accredited program would provide applicants for this position with a distinct advantage.

A strong commitment to the highest clinical standards and highly developed interpersonal and team work skills are required for both positions.

For further information or to submit an application for either position please contact:

**Dr. Peter Dunscombe
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