



UNIVERSITY OF  
CALGARY

# Medical Physicist

*Creating the future of health.*

The **Department of Oncology** and the **Alberta Cancer Board (Tom Baker Cancer Centre)** invite applications for a full-time academic position as a Medical Physicist at the Assistant Professor level. Duties include education and training of graduate students and residents, as well as research.

The Division of Medical Physics is one of 10 Divisions within the Department of Oncology at the University of Calgary. Physicists within the Division are funded by the Alberta Cancer Board and provide clinical physicist services at the Tom Baker Cancer Centre (TBCC). Approximately 2,500 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 faculty physicist positions at the TBCC within a total Physics Department staff of 45.

The Department of Oncology is part of the rapidly growing Faculty of Medicine, which is in the process of building a major new research facility. Calgary is a vibrant, multicultural city (population 1,000,000) near the Rocky Mountains, Banff National Park and Lake Louise.

Qualifications include a PhD in Medical Physics or Physics, completion of a clinical physics residency, membership in the Canadian College of Physicists in Medicine, and a record of effective teaching and productive research. A strong commitment to the highest clinical standards, and highly developed, interpersonal, teamwork, organizational and leadership skills, are also required.

Please submit a curriculum vitae and a statement of career goals, together with the names of three referees, by May 31, 2005, to: **Dr. Peter Dunscombe**, Director, Medical Physics Department, Tom Baker Cancer Centre, 1331 – 29 Street N.W., Calgary, Alberta, T2N 4N2 Canada.

*In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.*

*The University of Calgary respects, appreciates and encourages diversity.*