



Available Postdoctoral Positions:

Image Guided Therapy
Department of Electrical and Computer Engineering
U.B.C., Vancouver, Canada

Applications are invited from outstanding individuals for two postdoctoral fellowships within the Department of Electrical and Computer Engineering at the University of British Columbia. The fellowship is intended for applicants with experience and research interests in image guided therapy and medical image analysis. He/She will assume a leading role in the research and development of new tools and techniques for the incorporation of ultrasound imaging into computer aided interventions. The successful candidates will work as part of a multidisciplinary team that includes both engineering and medical faculty, graduate students, undergraduate research assistants, and medical staff. Work will be performed mainly at the University of British Columbia and Vancouver General Hospital. This team provides extensive resources and infrastructure for the research, including access to state-of-the-art ultrasound machines, Da Vinci surgical robot, CT and MRI scanners, and high performance computing.

The successful candidates will be expected to hold a Ph.D. in Electrical Engineering, Mechanical Engineering, Biomedical Engineering, Medical Physics, Computer Science or a related field. The Ph.D. degree must have been obtained within three years of the start date of the position. The successful candidates will have superior skills in one or more of these areas: medical image analysis, image guided interventions, software design, surgical-interface design, multi-modality image fusion, 3D imaging and/or tissue modelling. A strong background in clinical applications of medical imaging is an asset.

The Department of Electrical and Computer Engineering is a top-ranked academic unit, with a reputation for excellence in research, and strong links to professional practice. Information on the employment environment in the Faculty of Applied Science is available at www.apsc.ubc.ca/careers. Vancouver is a vibrant multicultural city set in a stunning natural environment. See www.tourism.vancouver.com.

Interested applicants should submit an application package that consists of a short biography and curriculum vitae, a statement of interest including research priorities, and evidence of their work. A list of three references with contact information should also be included, along with a statement indicating whether you are legally able to work in Canada.

The positions are subject to final budgetary approval. UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply. However, Canadians and permanent residents of Canada will be given priority. The closing date for applications is December 31st, 2009, but applications will be considered at any time until the position has been filled.

The start date of the appointment could be as early as October 1st, 2009. Salary is commensurate with qualifications, experience and guidelines provided by the Natural Sciences and Engineering Research Council of Canada. Application package (in Portable Document Format) should be sent to Dr. Purang Abolmaesumi, purang@ece.ubc.ca with the subject line "PDF in medical imaging."

Note: During the MICCAI conference, please feel free to contact Dr. Purang Abolmaesumi (purang@ece.ubc.ca, +1-604-617-3430) or Dr. Tim Salcudean (tims@ece.ubc.ca, +1-604-561-7046) to obtain more detailed information.