



Two Post-Doc Fellowships in PET Imaging, Vancouver

Position: The University of British Columbia (UBC) and the BC Cancer (part of the Provincial Health Services Authority in the Province of British Columbia, Canada), are seeking two talented post-doctoral fellows. The research will take place in the laboratory of Dr. Arman Rahmim (Quantitative Tomography; rahmimlab.com) in close collaboration with clinical research and imaging experts at UBC and BC Cancer Research Center. The efforts will include development and assessment of innovative image reconstruction, image enhancement and/or image quantification (e.g. radiomics and/or machine learning) methods, aiming at improving the clinical value of cancer PET images. These positions provide unique opportunities for the post-doc fellows to freely explore creative ideas in a supportive environment and to translate novel methods to our cancer clinics.

Requirements: Qualified candidates will have Ph.D. in medical physics, electrical engineering, biomedical engineering, applied mathematics, or a related field. Prior experience in image reconstruction, image processing or machine learning is a requirement. The candidate should have a strong interest and commitment to research. Creativity with an aim towards independent research as well as good communication skills are also emphasized. The initial appointment is for one year, which can be renewed based on performance.

Application: Interested candidates should send a CV, complete list of past research topics and publications, and names of three references to Jayne Hunter (JHunter@bccancer.bc.ca). Review of applications will begin immediately and continue until the positions are filled.