A postdoctoral position in neuroimaging is available in Medical Physics at the University of British Columbia, Okanagan Campus, in Kelowna British Columbia. The research position will focus on the development and design on AI-based system for the analysis of clinical image and the detection of SNR or image quality degradation. The successful candidate will work closely with Dr. Rebecca Feldman (Medical Physics) and will be co-mentored by Dr. Mohammed Shehata (Computer Science), and Dr. Thor Bjarnason (Interior Health). The candidate will be part of a research team focused on a team developing quantitative MRI methods for the evaluation of neurological disorders and diseases.

**Essential Qualifications:**
- Ph.D. in medical physics, biomedical engineering, physics, electrical engineering, or a related field
- Development experience in C++, Python, or Matlab
- A track record of peer-reviewed publications about medical imaging
- Excellent communication skills
- Well-developed interpersonal skills; ability to listen and communicate
- Ability to work both as a team and independently
- Ability to set and manage priorities and coordinate workflow

**Desired Qualifications**
- Experience in image reconstruction
- Experience in pulse sequence development
- 3+ years of demonstrated development experience with C++, Python, or Matlab
- In depth understanding of major subsystems of MRI and/or CT scanners

Language of Work: English  
Employment term: Temporary Full time (1-year, renewable)  
Location: Kelowna, British Columbia, Canada

Qualified applicants should forward their CV, cover letter, and the names and contact information for 3 references to: rebecca.feldman@ubc.ca

We would like to thank all applicants, but only those selected for an interview will be contacted.
About Kelowna, British Columbia, Canada
Kelowna is a city in the south of Canada’s British Columbia province. Kelowna is a hub of economic development with the fourth fastest growing population in Canada. The campus is two minutes from the Kelowna International Airport, one of the top 10 busiest airports in Canada. It’s in the Okanagan Valley, on the eastern shore of Okanagan Lake, surrounded by provincial parks, pine forest, vineyards, orchards and mountains. Its downtown area incorporates waterfront City Park and a lakeside cultural district. More than 20 local vineyards offer wine tours and tastings. In the summer the local beaches are popular with swimmers, kayakers, and boaters and in the winter, local ski-resorts, less than an hour drive from the city center, offer world-class skiing.