

Parraga Laboratory

Robarts Research Institute, Western University

Post-Doctoral Scholar MR Physics and pulse sequence development

The Parraga lab, located at Robarts Research Institute, Western University in London, Canada invites applications for a post-doctoral scholar. We are seeking a motivated postdoctoral fellow with a PhD in Physics, medical physics, biomedical engineering or Medical Biophysics with 2 or more years of experience in GE EPIC programming. The candidate will be generating and validating pulmonary ultrashort echo time ^1H sequences as well as hyperpolarized helium and xenon pulse MR imaging for human subject studies. We are an active research group looking to expand our team and we are located within a large multimodality imaging centre that is home to 5 MRI scanners and 250 physicists, engineers and scientists. The lab includes state-of the art equipment including a GE MR750 3T scanner and Polarean Helispin and Xenispin units. A custom xenon polarizer is also set to be installed in 2014.

Interested candidates should send their intention letters, CVs and names of 3 references by email to gparraga@robarts.ca with "Postdoctoral Scholar" in the subject line.