



***In Vivo* Magnetic Resonance Spectroscopist Position
FMRIB Centre, University of Oxford**

The FMRIB Centre, University of Oxford, is seeking to identify a post-doctoral spectroscopist to join the Centre to lead the development of *in vivo* MRS methods. The post can be tailored to the individual, according to their experience, and could be appropriate either to someone who is early in their post-doctoral career, but also could be tailored to someone more senior who was ready to lead a group. Salary funding is available for up to 3 years in the first instance, but our hope is to identify someone who is strong enough to become funded independently during the initial contract period.

As well as an existing 3T scanner the FMRIB Centre (<http://www.fmrib.ox.ac.uk>) recently installed a 7 Tesla human whole body MR scanner (Siemens active shield 7T). There are a variety of ongoing projects in spectroscopy technique development, with applications in basic and clinical neuroscience ranging from understanding brain plasticity, to measuring pathological changes in psychiatric disorders, stroke and neuro-oncology. These projects are in collaboration with neurologists, psychiatrists, psychologists, and neuro-oncologists both within the FMRIB Centre and also more widely across Oxford. There is also a vibrant MR Physics Group with extensive experience in programming the wide range of Siemens research scanners that are available in Oxford (1.5T, 4x3T, 7T).

The ideal profile of the applicant would be someone with a methodological background in MRS development, who has experience with *in vivo* human brain MRS, and is familiar with using and programming clinical MR scanners.

This is currently an informal solicitation for expressions of interest, but the formal advertisement process is ready to begin in the immediate future. Anyone interested is strongly encouraged to contact Prof. Peter Jezzard (peterj@fmrib.ox.ac.uk) and/or Dr Jamie Near (jnear@fmrib.ox.ac.uk), both of whom will attend the Melbourne ISMRM meeting and are happy to discuss the role in person at the meeting.