

Postdoctoral Research Fellow - University of Sussex

Postdoctoral Research Fellow in Visual Neuroscience of Zebrafish.

A post-doctoral position funded by the Wellcome Trust is available in the laboratory of Leon Lagnado to study the synaptic basis of information processing in the visual system of zebrafish. Fluorescent reporters of synaptic transmission and neural activity will be used to investigate the output that the retina provides to higher visual centers.

We are an active research group housed in newly refurbished labs in the Neuroscience Centre, which houses a number of groups using imaging and electrophysiology to study neural circuits involved in sensory processing. Sussex has a large and active neuroscience research community (<http://www.sussex.ac.uk/sussexneuroscience/>).

The School of Life Sciences is at the forefront of research in the biological sciences in the UK, coming 8th in the REF 2014.

Applicants must have a Ph.D and research experience in experimental neuroscience. Experience in visual neuroscience or the analysis of neural circuits would be a distinct advantage, as would skills in one or more of the following areas: electrophysiology, multiphoton imaging in vivo, image analysis and computer programming.

More about the laboratory and our previous work can be found at: <http://www.sussex.ac.uk/lifesci/lagnadolab/>. Informal enquiries are encouraged and should be made to Leon Lagnado (l.lagnado@sussex.ac.uk).

Formal application is through the University of Sussex website: <http://www.sussex.ac.uk/about/jobs/postdoctoral-research-fellow-2574>. The closing date has been extended to 31st November.