



## Postdoctoral Research Fellow (Neuroendocrinology/Neuroscience)

**Vacancy Reference Number:** P60391

**Closing Date:** Tuesday 6 February 2018

**Salary:** The starting salary will be from £34,520 on Grade F, depending on qualifications and experience.

**Address:** University of Exeter

**Apply:**

[https://jobs.exeter.ac.uk/hrpr\\_webrecruitment/wrd/run/ETREC107GF.open?VACANCY\\_ID=350712Kamb&WVID=3817591jNg&LANG=USA](https://jobs.exeter.ac.uk/hrpr_webrecruitment/wrd/run/ETREC107GF.open?VACANCY_ID=350712Kamb&WVID=3817591jNg&LANG=USA)

### **The post**

We are recruiting a Postdoctoral Research Fellow to support the work of Dr Jamie Walker. This Medical Research Council (MRC)-funded post is available from 01 April 2018 (or a mutually agreeable date thereafter) for a duration of up to 36 months.

Working within a multidisciplinary team of mathematicians and neuroendocrinologists, the successful applicant will employ experimental *in vivo* techniques in rodents to investigate the dynamic activity of the hypothalamic-pituitary-adrenal (HPA) axis, and how this changes under different conditions of stress.

The successful applicant will visit collaborating labs (Bristol and Edinburgh in the UK; Montpellier in France) to learn and share knowledge and experimental techniques, as required, and will also attend key national and international conferences.

This new full-time post is available from April 2018 on a fixed term basis until 31 March 2021 within the College of Engineering, Mathematics and Physical Sciences.

### **About you**

Applicants will possess a relevant PhD (e.g. neuroscience, neuroendocrinology) or equivalent qualification/experience in a related field of study. The ideal applicant will have experience working with rodents *in vivo* (e.g. performing stereotaxic surgery to deliver optogenetic viral constructs and implant optical fibres/electrodes to manipulate and record neuronal activity; performing intravenous cannulations). The ideal applicant will also have some experience in fluorescence and confocal microscopy, and will possess skills in image and data analysis using standard software (e.g. ImageJ, Imaris, MATLAB).

The successful applicant will be able to work collaboratively within an interdisciplinary team of mathematicians, neuroendocrinologists and neuroscientists, supervise the work of others, and act as team leader as required. Due to the interdisciplinary nature of our work, applications from individuals who can also demonstrate some experience in, or collaboration with, mathematical modelling would be particularly well received.

The successful applicant will possess sufficient specialist knowledge in the discipline to develop research programmes and methodologies, identify sources of research funding and contribute to the process of securing funds. The successful applicant will make presentations at conferences and other events, and contribute to writing manuscripts for publication.

### **What we can offer you**

- Freedom (and the support) to pursue your intellectual interests and to work creatively across disciplines to produce internationally exciting research;
- Support teams that understand the University wide research and teaching goals and partner with our academics accordingly;
- An Innovation, Impact and Business directorate that works closely with our academics providing specialist support for external engagement and development;

- Our Exeter Academic initiative supporting high performing academics to achieve their potential and develop their career;
- A beautiful campus set in the heart of stunning Devon.

Interviews are expected to take place on 15 February 2018.

The University of Exeter is an equal opportunity employer. We are officially recognised as a Disability Confident employer and an Athena Swan accredited institution. Whilst all applicants will be judged on merit alone, we particularly welcome applications from groups currently underrepresented in the workforce.

## **Further Information:**

[Click here](#) for more information.

## **Contact Details:**

For further information please contact Dr Jamie Walker, email [jamie.walker@exeter.ac.uk](mailto:jamie.walker@exeter.ac.uk) or telephone +44 (0)1392 72 3933.