



Cardiff University School of Psychology

Studentship Title:	School of Psychology
Research Area/ Project Title:	PhD studentship in perceptual stability
Location:	School of Psychology, Cardiff University
Expected Start Date:	1 st October 2017
Duration:	3 Years
Deadline for Applications:	28 th February 2017

We are currently accepting applications to be considered for School of Psychology funding.

Description of Research Opportunity:

The eye is continually moving and consequently the image of the world projected on the back of the eye is also continually moving. Despite this, the world appears single, stable, and unsmear. How does a moving image result in a stable percept? This is the problem of perceptual stability.

I am looking for an enthusiastic and talented PhD student to explore some new ideas about perceptual stability. The experimental work will pair psychophysical techniques with optical motion tracking technology, therefore some existing technical experience would be an advantage. The School of Psychology has exceptional imaging facilities (CUBRIC) and a student with an interest in neural substrates would have an opportunity to make use of them.

Award:

The studentships will commence in October 2017, and will cover your tuition fees (at UK/EU level) as well as a maintenance grant. In 2016-17 the maintenance grant for full-time students was £14,296 per annum. As well as tuition fees and a maintenance grant, you will receive a participant allowance of £300 per annum, and conference funding (approx. £2250 in total). You will also receive a

computer and office space. You will become a member of, and have access to courses offered by the University's Graduate College.

Eligibility:

Full awards (fees plus maintenance stipend) are open to UK Nationals, and EU students. International students will typically be eligible for a UK/EU equivalent award only, but the university runs a (highly) competitive scheme to "top-up" awards.

Requirements

To be competitive, the student will have, or expect to gain, a first class/good upper second degree (or international equivalent), or a distinction/merit at masters level, in a relevant subject (e.g. psychology, biology, engineering, maths, computer science). The student will need to prove their ability to carry out research (the student will need to present some research during the interview, e.g. from an undergraduate, masters or summer project). The student will need to be able to learn fast, understand complex problems and apply practical solutions. The student will need to have good numerical and communication skills. The PhD will require programming skills. Experience with programming (e.g. matlab, python) is desirable, but not essential, so long as the student has enthusiasm and aptitude to learn.

About Us

The School of Psychology at Cardiff University is one of the largest in the UK and was rated 2nd in the country in the 2015 Research Excellence Framework. We have state-of-the art testing facilities and a thriving postgraduate research community, regular seminars and training opportunities, and close collaborations with Clinicians in the University Hospital Wales. This year, we will open a new brain imaging centre that will be one of the largest and most technologically advanced in the Europe (<http://sites.cardiff.ac.uk/cubric/>). The School has an Athena SWAN Bronze Award that recognises good employment practice and a commitment to develop the careers of women working in science.

Cardiff is a thriving city in very close proximity to the beautiful coast and countryside (<http://www.breconbeacons.org/>). It has a two-hour rail link to London and easy access to airports at Cardiff and Bristol. Please consult the School's web pages for more information <http://psych.cf.ac.uk/>.

For informal enquiries please contact Simon Rushton (rushtonsk@cf.ac.uk).

How to apply: You can apply online - consideration is automatic on applying for a PhD in Psychology, with an October 2017 start date (programme code RFPDPSYA).

Please use our online application service at

www.cf.ac.uk/regis/general/applyonline/index.html

and specify in the funding section that you wish to be considered for School funding.

Application deadline: 28th February with interviews (either in person or by Skype) being held in April/May .