



12<sup>th</sup> June 2014

**RE: Prospective PhD students for FLYSY laboratory at The University of Cambridge (UK)**

Dear Colleague,

The newly established Fly Systems Laboratory (affectionately known as FLYSY, led by Paloma T. Gonzalez-Bellido) in the Department of Physiology, Development and Neuroscience at The University of Cambridge (UK) is seeking PhD applicants for the 2015 intake.

The main focus of the laboratory is to understand the neural coding of visual information, and the sensorimotor processing that takes place to allow animals to move to a specific place at the correct time. We are particularly interested in small insects because miniaturization demands increased performance per space unit, but we work with a range of predatory species.

The laboratory is based in the centre of Cambridge (Downing Site), in the historical Physiological Laboratory Building, and is composed of two refurbished spaces: the electrophysiology room and the rearing/behaviour room. The laboratory has two newly built intracellular and extracellular rigs with fluorescence and access to two recently purchased scientific grade High-Speed video cameras (Photron Fastcam SA2s). In addition, through a collaboration with the Wardill Laboratory, members of FLYSY will have access to a 2-photon microscope. Other facilities available from the school include a MicroCT scanner, microtomes, confocal and Transmission/Scanning microscopes.

Interested candidates can contact us by e-mail at [ptg25@cam.ac.uk](mailto:ptg25@cam.ac.uk) attaching a copy of your CV (detailing your academic record and contact details for 2 academic referees). It is important to check that you meet the University's standard entrance requirements

[www.admin.cam.ac.uk/students/gradadmissions/prospec/studying/entryreq/](http://www.admin.cam.ac.uk/students/gradadmissions/prospec/studying/entryreq/)

Cambridge operates an official online application system for graduate admission which opens on 1 September 2014 (you are strongly advised to contact me before completing the official application form)

[www.admin.cam.ac.uk/students/gradadmissions/prospec/apply/](http://www.admin.cam.ac.uk/students/gradadmissions/prospec/apply/)

I am currently involved in the BBSRC doctoral training partnership (DTP) for details please visit: <https://bbsrcdtp.lifesci.cam.ac.uk/dtpprog>. The University also has several Scholarship schemes in place for home (UK and EU) and overseas PhD students. Full details including deadlines can be found at <http://www.admin.cam.ac.uk/students/gradadmissions/prospec/apply/deadlines.html> these scholarships are highly competitive and the deadlines are often very early. We are also happy to consider applicants with other sources of funding (eg. external scholarships for your home country).

Regards,

Paloma T. Gonzalez-Bellido

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