

International Neuroscience Doctoral Programme

Research on the biological basis of mind and behaviour

2012 Call for Applications

Applications from independent thinkers with curiosity, creativity and drive are sought to join the International Neuroscience Doctoral Programme (INDP). The INDP aims to provide students of diverse backgrounds with a foundation to perform innovative and interdisciplinary work in basic or applied neuroscience at an international level.

Successful applicants will demonstrate the ability to tackle difficult intellectual challenges, to learn new skills and ways of thinking and to work passionately as part of a research team. Predoctoral training in quantitative disciplines (e.g. physics, mathematics, computer science), biological sciences (e.g. biology, medicine, bioengineering) or related fields is important. Previous research experience is also desirable but not required. Applicants should have a master degree and/or a 4+ year undergraduate degree, or will be obtaining their degree by no later than December 31, 2012.

The INDP is associated with the Champalimaud Neuroscience Programme, comprising fourteen research groups with a focus on the neural circuits and systems underlying mind and behaviour. Over 50 students are currently enrolled in the INDP, which will enter its sixth year with the present Call.

Before beginning research on a thesis project, admitted students will complete one year of intensive courses led by distinguished local and invited international scientists. The topics of instruction include molecular & cellular biology, ecology & evolution, neurophysiology & neuroanatomy, learning & development, sensory & motor systems, and computational & cognitive neuroscience, while the overall format emphasizes participation, team work and informal interaction in both classroom and laboratory.

The INDP is supported by funding from the Portuguese Science and Technology Foundation (Fundação para a Ciência e a Tecnologia, FCT), the Champalimaud Foundation, and the Gulbenkian Foundation. Full tuition and stipend will be ensured for successful applicants of all nationalities for a period of 4 years, to perform courses and thesis work in local or national research groups. Portuguese citizens are also eligible for FCT support for thesis work in selected laboratories anywhere in the world.

The application deadline is March 15th, 2012. Further information on eligibility, entrance requirements and application procedures is available at

<http://neuro.fchampalimaud.org/education/indp/application/start>