

IMPERIAL COLLEGE LONDON and partner organisations Science and Solutions for a Changing Planet (SSCP) is an exciting Doctoral Training Programme supported by the Natural Environmental Research Council and led by Imperial College London in association with 6 core partners and 27 partners from the business and policy world. Projects on evolution and genomics for the October 2015 start are listed below. For a full list with links to project descriptions and instructions on how to apply, visit:

<http://www.imperial.ac.uk/grantham/postgraduate-training/science-and-solutions-for-a-changing-planet/studentship-opportunities/>

ELIGIBILITY: To be eligible for a full award a student must have: - Settled status in the UK, meaning they have no restrictions on how long they can stay, - Been 'ordinarily resident' in the UK for 3 years prior to the start of the studentship. This means they must have been normally residing in the UK (apart from temporary or occasional absences) - Not been residing in the UK wholly or mainly for the purpose of full-time education. (This does not apply to UK or EU nationals). **IF YOU'RE NOT**

ELIGIBLE: We welcome queries from students who do not meet these eligibility criteria for discussion of alternative potential funding sources. **CONTACTS:** For project-related queries and to apply, contact individual supervisors. For general queries about evolutionary PhD projects at Imperial College London, contact Prof. Tim Barraclough (t.barraclough@imperial.ac.uk

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CLOSING DATE for applications 19th January 2015.

The positions are competitive-funded: each project will put forward their best student applicant, then a subset of projects (roughly one quarter) will be funded based on the quality of the students. List of supervisors and projects in Evolution for 2015

Dr Ben Raymond (b.raymond@imperial.ac.uk

) Assessing "evolution-proof" bacterial treatments in model systems: do anti-virulence drugs have better consequences for the evolution of resistance and virulence than antibiotics? Dr David Orme (

d.orme@imperial.ac.uk

, Dr Robin Freeman and Dr Monika Bdz'hm, ZSL) Monitoring species from space: objective assessments and dynamics of extinction risk Dr James Rosindell (

j.rosindell@imperial.ac.uk

) Modelling of dispersal, speciation and extinction on islands Dr Samraat Pawar (

s.pawar@imperial.ac.uk

) Biological Limits to Acclimation and Adaptation to Climate change Dr Sarah Knowles (

s.knowles@imperial.ac.uk

) Ecology and fitness effects of the gut microbiota in wild mice Prof Alfried Vogler (

a.vogler@imperial.ac.uk

) Metagenomics and museum collections to characterize declining pollination webs Dr Alan Paton (Royal Botanic Gardens Kew, Prof. Tim Barraclough, Life Sciences) Evolution of pollination syndromes in South African and Madagascan species of *Plectranthus* (Lamiaceae)

Dr Bente Klitgaard (Royal Botanic Gardens Kew, Prof. Tim Barraclough, Life Sciences)

Neotropical plant evolution: Adding pieces to the jigsaw Dr Jason Hodgson (

j.hodgson@imperial.ac.uk

) The relationship between tsetse flies, trypanosomiasis, and development in rural Africa Dr Martin Bidartondo (

m.bidartondo@imperial.ac.uk

) The diversity, physiology and evolution of fungal symbiosis in land plants Prof Tim Barraclough (

t.barraclough@imperial.ac.uk

) Modelling the dynamics, evolution and ecosystem functioning of microbial communities Prof Vincent Savolainen (

v.savolainen@imperial.ac.uk

) Ecological genomics of the evolution of species on islands Prof. Timothy G. Barraclough, Professor of Evolutionary Biology Department of Life Sciences, Imperial College London, Silwood Park Campus, Ascot, Berkshire, SL5 7PY, UK E-mail:

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** MSc course in Ecology, Evolution and Conservation **

<http://www3.imperial.ac.uk/lifesciences/postgraduate/courselist/ecology>

t.barraclough@imperial.ac.uk