

GEORGE RODERICK, Bio 2025

William Muriece Hoskins and Distinguished Professor
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Education

1987-1990 Postdoctoral Fellow, Univ. Maryland, Entomology
1987 PhD, University of California, Berkeley, Zoology
1981 AB summa cum laude, Dartmouth College, Biology with distinction

Employment

2023-2024 University of Oxford, UK, St. Anne's College and Department of Biology
2006-2007 INRAE, Chercheur Étranger and Fulbright Scholar, Montpellier, France
1999 – UC Berkeley, Environmental Science, Policy and Management
1994-1999 University of Hawaii, Manoa, Center for Conservation Research & Training (CCRT)
1990-1993 University of Maryland, College Park, Department of Entomology

International Education

2023-2024 University of Oxford, UK, Sabbatical year
2021 – Developed Island Sustainability Semester, Spring semesters, Moorea, French Polynesia
2014 Member, Tsinghua-Berkeley Center Board, UC Berkeley & Beijing, China
2008 – Council of Entomology Department Administrators (CEDA), US and Canada
2006-2007 Sabbatical year, Montpellier, France
2005 Co-chair, Asian Pacific Economic Cooperation (APEC) Workshop, Beijing, China
2000 – co-taught Biology and Geomorphology of Tropical Islands, Fall semesters, Moorea, FP
1991-1993 Assembly of Delegates, [Organization for Tropical Studies \(OTS\)](#), Costa Rica
1980 Dartmouth Biology Study Abroad, Costa Rica, Jamaica, Guatemala
1979 Dartmouth Foreign Language Study Abroad, Mainz, Germany

Administration

2020-2023 Budget Committee (BIR, Tenure and Promotion), Academic Senate, UCB
2014-2019 Department Chair, Environmental Science, Policy and Management, UCB
2014 Member, Tsinghua-Berkeley Center Board, UC Berkeley & Beijing, China
2012-2014 Advisory Committee, Indirect Cost Waiver Policies and Practices, UCOP
2011-2023 Faculty Oversight Committee, Sponsored Programs Office (SPO), UCB
2010-2024 Chair/co-Chair, [Committee on Research \(COR\)](#), Academic Senate, UCB, member 2007-10
2010-2014 Faculty Budget Working Group (Gimlet), EVCP, UCB
2010-2012 Capital Campaign Vision Committee, Rausser College of Natural Resources, UCB
2008 – Council of Entomology Department Administrators (CEDA), US and Canada
2008-2009 [Committee on International Education \(IE\)](#), Academic Senate, UCB
2007-2013 [Course Materials Fee \(CMF\) Committee](#), EVCP, UCB
2007-2008 Chair, Advisory Board, Network of Experimental Research in Evolution (NERE), UC MCRP
2003-2006 Chair, UC Berkeley Field Station Advisory Committee, VCR, UCB
2001 – Faculty Director, Gump South Pacific Research Station, Fr Polynesia (2001-07, 2013 –)

Professional Affiliations, past and present: American Society of Geographers, American Society of Naturalists, California Academy of Sciences (Fellow), Ecological Society of America, Entomological Society of America, Hawaiian Entomological Society, International Biogeography Society, Royal Entomological Society (Fellow), Sigma Xi, Society for the Study of Evolution

Awards and Honors

- 2023 Plumer Visiting Research Fellow, St. Anne's College, University of Oxford
2018 Scientific Teaching Fellow, National Institutes for Scientific Teaching (formerly Summer Institutes)
2013 Distinguished Teaching Award, College of Natural Resources, UC Berkeley
2012 – William Muriece Hoskins Professor of Chemical and Molecular Entomology, UC Berkeley
2010 Award for Excellence in Research (shared), Western Assoc. of Agric. Exp. Station Directors
2008 – Senior Research Fellow, Center for Tropical Research, Institute of the Environment, UCLA
2006 Fulbright Scholar, Montpellier, France
2004 – Fellow, California Academy of Sciences, San Francisco
2001 – Fellow, Royal Entomological Society, London
1998 – Sigma Xi, University of Hawaii
1998 Regents Medal for Excellence in Research, University of Hawaii
1998 Distinguished Entomologist, Korean Society of Applied Entomology
1987 Outstanding Graduate Student Instructor, UC Berkeley
1985 University of California Regents Graduate Fellowship, UC Berkeley
1985 Phi Beta Kappa Graduate Fellowship, UC Berkeley
1980 Phi Beta Kappa, Dartmouth College

Teaching and Mentoring

Undergraduate: Berkeley: Biology 1B: Ecology/environment, Biology and Geomorphology of Tropical Islands (field class), Island Sustainability Semester (UCB Study Abroad, field class), Molecular Ecology, Insect Natural History, General Entomology, Freshman Seminars; Oxford: 1st year Biology tutorials (2023-24); Montpellier, France, graduate course (2007)
Graduate courses at Berkeley: Research Approaches in Environmental Science Policy and Management, Certificate of Teaching and Learning in Higher Education, eDNA and Metabarcoding
Mentoring PhDs 18, MS theses 2, Postdoctoral fellows 35, Undergraduate researchers through URAP, SPUR, Honors

Research

Global change biology, invasive species, genomic observatories, island biodiversity, insects
Publications: <https://scholar.google.com/citations?user=6yKIQKUAAA&hl=en>
Research news: Repeated evolution of Hawaiian stick spiders, [Science](#) (March 2018); To assess and predict the future of Earth's ecosystem, [Breakthroughs](#) (Fall 2016); Tropical paradise inspires virtual ecology lab, [Nature](#), **517**, 255-256 (2015); This tropical paradise might save the planet, [Wired](#) (June 2015); Evolution: Geology and climate drive diversification, [Nature](#), **509**, 297–298 (2014); Treasure island: pinning down a model ecosystem, [Nature](#) **439**, 378-379 (2006)

Outreach

Photography for science, education and outreach, roderick.photler.com
Instagram: Early detection of introduced arthropods, <https://nature.berkeley.edu/edias-project/>