

Professor Ilkka Hanski, CV

Personal information:

Born 14 February 1953, Finland
Finnish citizen
Married, three children

Address:

Department of Biological and Environmental Sciences, University of Helsinki
Viikinkaari 1, PO Box 65
FI-00014 University of Helsinki, Finland
Tel.: +358 9 191 57745
Fax: +358 9 191 57694
E-mail: ilkka.hanski@helsinki.fi

Education:

D.Phil. University of Oxford, UK, Zoology, 1979
M.Sc. University of Helsinki, Finland, Zoology, 1976
B.Sc. University of Helsinki, Finland, Zoology, 1976

Employment:

1996 - 2011 Research professor, Academy of Finland (National Research Council)
1993 - Professor of Zoology (Animal Ecology), University of Helsinki, Finland
1991 - 1992 Senior Research Scientist, Academy of Finland
1988 - 1991 Acting Professor of Zoology (Animal Ecology), University of Helsinki
1988 Senior Research Scientist, Academy of Finland
1981 - 1987 Junior Research Scientist, Academy of Finland
1979 - 1980 Research Fellowship, Academy of Finland

Teaching experience:

University of Helsinki: Ecology
University of Joensuu: Ecology

Academic honors:

2011 The Kempe Award for Distinguished Ecologists, Umeå University, Sweden
2011 Honorary Fellowship of the Queens's College, Oxford
2011 Crafoord Prize in Biosciences
2010 European Latsis Prize 2010 for biodiversity
2010 The Environment Award of the Finnish Association for Nature Conservation
2010 Foreign associate of the National Academy of Sciences (US)
2010 Honorary doctorate, Norwegian University of Science and Technology
2008 Lauri Jäntti Foundation's nonfiction literature prize for the book *Viestejä Saarilta*
2007 Finnish Science Award
2007 E.J. Nyström Prize of the Finnish Society of Sciences and Letters
2007 Finnish State Prize for Dissemination of Information
2007 Corresponding Fellow of the Royal Society of Edinburgh
2006 Member of the Finnish Society of Sciences and Letters

- 2006 Honorary Foreign Member of the American Academy of Arts & Sciences
- 2006 Award of a college in Helsinki (Hämäläis-osakunnan kunniamerkki)
- 2005 Honorary membership of a student association (Symbioosi)
- 2005 Foreign Member of the Royal Society
- 2005 Marsh Award for Ecology, the British Ecological Society
- 2005 Science Award of the City of Helsinki
- 2003 Honorary professorship in the Peking Normal University, China
- 2002 Foreign Member of Deutsche Akademie der Naturforscher Leopoldina
- 2002 Suomen Valkoisen Ruusun I luokan ritarimerkki (Finnish decoration)
- 2001 Member of the Finnish Academy of Science and Letters
- 2001 The Sewall Wright Award of the American Society of Naturalists
- 2000 Foreign Member of the Royal Swedish Academy of Sciences
- 2000 Balzan Price for Ecological Sciences
- 2000 Award for a successful graduate school (Ministry of Education)
- 1999 International Ecology Institute (ECI), 1999 Prize in Terrestrial Ecology
- 1999 President's Gold Medal, the British Ecological Society
- 1998 Member of the Academia Europaea

Selected council etc. memberships:

- 2007 - 2010 Chair of the Ecology and Evolutionary Biology panel of the European Research Council
- 2004 Member of EASAC (European Academies, Science Advisory Council) working group to conduct a study on biodiversity indicators for the European Parliament
- 2004 - 2007 Member of the Advisory Board of the UK Population Biology Network (UKPopNet)
- 2001 - 2002 Member of a Governmental Committee on Forest Conservation (Finland)
- 2001 - Board member, Finnish Cultural Foundation
- 1998 Chair of Ecology Panel, National Research Council, Finland
- 1997 - 2000 Scientific Advisory Board of the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, US
- 1996 - 2003 Scientific Advisory Board of the University of Helsinki, Finland
- 1993 - 1996 Member of the DIVERSITAS steering group (IUBS-SCOPE-UNESCO), Programme on Biodiversity
- 1993 - 1996 Member of the working group for the UNEP Global Biodiversity Assessment
- 1993 - 1998 Member of the Steering Committee of the European Science Foundation Programme in Population Biology
- 1993 - International Ecology Institute, member of scientific staff
- 1991 - 1994 Member of the Life Sciences Committee of the NERC, UK

Memberships:

Member of about 10 scientific societies.

Organization of scientific meetings since 1994:

- 2006 Co-organizer of a symposium on boreal forest conservation in the 1st European Congress in Conservation Biology
- 2005 Workshop on the biology of checkerspot butterflies, Helsinki, Finland
- 2002 International Congress on *Extinction thresholds* in Helsinki, Finland

- 2001 Final meeting of the *Fragland* TMR network in Leiden, Netherlands (together with P. Brakefield)
- 2000 Workshop on *Population extinction*, Tvärminne, Finland
- 1999 International Congress on *Habitat Loss: Ecological, Genetic, and Evolutionary Consequences*, Helsinki, Finland
- 1996 Workshop on *Small mammal population dynamics*, Oslo, Norway (together with N.C. Stenseth and P. Turchin)
- 1994 European Science Foundation workshop on *Ecology and genetics in spatially structured populations*, Tvärminne, Finland (together with N. Barton)
- 1994 Workshop on *Butterfly ecology and conservation*, Tvärminne, Finland

Invited lectures and seminars:

Keynote lectures in annual/anniversary meetings of the ecological societies of Japan, Germany, Britain, United States, Spain, the Netherlands, Mexico and Portugal. Invited presentations in about 100 international congresses and meetings, including meetings of the Swedish Royal Society and the Crafoord Prize Ceremony; about 50 invited seminars abroad in Europe, Asia, and North America.

Invited named lectures and lecture series:

- 2008 Southwood Lecture, Oxford, UK
- 2006 Storer Lecturer on Major Issues in Modern Biology, UC Davis, US
- 2006 Series of 5 lectures in the Beijing Normal University, China
- 2000 Distinguished Ecologist Lecture, Ann Arbor, Michigan, US
- 1998 University of Lanzhou, China
- 1996 H.R. MacMillan Lecture Series, University of British Columbia
- 1995 Distinguished Ecologist Lecture Series, Colorado State University
- 1991 Lund University, Sweden

Editorial duties:

Member of the editorial boards of *EMBO Advisory Editorial Board*, *Trends in Ecology and Evolution*, *the American Naturalist* (1997-2000), *Journal of Insect Conservation*, *Global Change Biology*, *Oecologia*, *Annales Zoologici Fennici*, *Oikos*, *Acta Theriologica*, *Theoretical Population Biology* (1989-1997)

Major competitive research grants since 1999:

- 2012 – 2014 The Metapopulation Research Group (MRG) awarded the Centre-of-Excellence position (ca €1,3 mill per year including support from the University of Helsinki).
- 2010 – 2013 Academy of Finland (€1.5 million).
- 2009 – 2013 ERC Advanced Grant (€2.5 million).
- 2005 – 2008 US NSF Biocomplexity programme grant, co-PI with Jim Marden (Penn State), (US \$ 1.7 million).
- 2000 - 2006 The Metapopulation Research Group (MRG) awarded the Centre-of-Excellence position (€270,000 per year).
- 1998 - 2001 Training and Mobility of Researchers network, *Survival and persistence of species in fragmented landscapes (Fragland)*, European Union (€1392,000; for the entire network of 7 laboratories, coordinated by Hanski)

1997 - 1999 Academy of Finland, Ministry of Environment, and Ministry of Agriculture and Forestry (€135,000)
 1997 - 2000 Academy of Finland (€10,000)

Books and publications:

Ten books and edited volumes in 1991-2007, including *Ecology, Genetics, and Evolution of Metapopulations*, edited by I. Hanski and O.E. Gaggiotti, Elsevier/Academic Press (2004), *On the Wings of Checkerspots: A Model System for Population Biology*, edited by P.R. Ehrlich and I. Hanski, Oxford University Press (2004), and *The Shrinking World: Ecological Consequences of Habitat Loss*, International Ecology Institute, Oldendorf/Luhe (2005). More than 300 publications, see separate list and www.isihighlycited.com.

Recent Collaborators:

J. Marden (Penn State University), P.R. Ehrlich (Univ. of Stanford), M. Gyllenberg (Univ. of Turku), M. Rost (Univ. of Bonn), I. Saccheri (Univ. of Liverpool), M. Singer (Univ. of Texas), C. Thomas (Univ. of Leeds), P. Turchin (Univ. Conn.)

Graduate students (*=co-supervisor) and their current employment:

Janne Sundell	(1996-2002)	director, Lammi biological station, Finland
Niklas Wahlberg	(1996-2000)	senior researcher, University of Turku, Finland
Tomas Roslin	(1995-1999)	lecturer, University of Helsinki, Finland
Mikko Kuussaari	(1994-1998)	senior researcher, Finnish Environment Institute, Helsinki, Finland
Atte Moilanen	(1994-1998)	professor, University of Helsinki, Finland
Guangchun Lei	(1996-1997)	dean, professor, Beijing Forestry University, China
Maija-Liisa Prinkkilä	(1989-1996)	engineering student
Jari Heikkilä	(1990-1997)	researcher, Finnish Environment Institute, Kuhmo, Finland
Marko Nieminen	(1997-2003)	consultant, Faunatica, Helsinki, Finland
Reijo Penttilä	(2000-2006)	senior researcher, Finnish Environment Institute, Helsinki, Finland
Maaria Kankare	(1998-2004)	senior researcher, University of Jyväskylä, Finland
Gergely Várkonyi	(2001-2004)	researcher, Finnish Environment Institute, Kuhmo, Finland
Sari Haikola (Rantala)	(1999-2003)	short-term positions
Anna-Liisa Laine	(2000-2005)	lecturer, University of Helsinki, Finland
Olivier Gilg	(1998-2004)	researcher, Arctic Ecology Research group, France
Paavo Hellstedt*	(1997-1999)	researcher, University of Helsinki, Finland
Tarja Latva-Karjanmaa*	(2000-2006)	book editor, publishing company Otava, Helsinki, Finland
Alia Sarhan (Austin)	(2001-2006)	MBA Economics 2009-2010 Helsingin kauppakorkeakoulu, Bioteknologia, Finland
Marjo Saastamoinen	(2004-2007)	researcher, University of Helsinki, Finland

Juha Pöyry	(2000-2008)	senior researcher, Finnish Environment Institute, Helsinki, Finland
Kristian Niitepõld	(2005-2010)	post doc, Palo Alto California
Helena Wirta	(2004-2009)	post doc, maternity leave
Heidi Viljanen	(2004-2010)	post doc, Botanical Museum, University of Helsinki, Finland
Varpu Mitikka	(2003- 2010)	high school teacher
Jouni Kvist*	(2006-)	post grad student
Jenni Hottola*	(2003- 2009)	post doc, University of Oslo, Microbial Evolution Research Group
Anniina Mattila	(2010-)	post grad student
Tanjona Ramiadantsoa*	(2010-)	post grad student
Pierre Rahagalala	(2007-)	post grad student

Post docs and their current employment:

Xuhua Xia	(1990-1992)	professor, Department of Biology, University of Ottawa, Canada
Da-Yong Zhang	(1991,1997)	professor, Beijing Normal University, Beijing, China
Tadeusz Kawecki	(1993-1995)	associate professor, University of Lausanne, Switzerland
Ilik Saccheri	(1996-1997)	senior lecturer, University of Liverpool, UK
Kevin Higgins	(1997-1998)	assistant professor, University of South Carolina, US
Mark Camara	(1996-1998)	lead scientist, USDA/ARS Shellfish genetics, Hatfield Marine Science Center, Newport
Wilhelm Fortelius	(1996-1999)	director of Aronia centre for environmental research, Finland
Saskya van Nouhuys	(1997-)	senior researcher, University of Helsinki, Finland
Bob O'Hara	(1998-2002)	senior researcher, University of Muchen, Germany
Katrin Schöps	(1998-2000)	researcher, Leibniz Institute for Science and Mathematics Education, Kiel, Germany
Jodie Painter	(1999-2001)	researcher, Queensland Statistical Genetics Laboratories, Australia
Rosemary Setchfield	(1998-1999)	researcher, RSPB, UK
Stephen Matter	(1998-1999)	assistant professor, University of Cincinnati, US
Weidong Gu	(1998-1999)	researcher, University of Alabama at Birmingham, US
Otso Ovaskainen	(1999-2003)	professor, University of Helsinki, Finland
Leena Suvanto (Koivuranta)	(2000-2006)	IPR-manager, Licentia Ltd, Helsinki, Finland
Pierre-Alexander Landry	(1997-1998)	manager, Pfizer Canada, Montreal, Canada
Marc Belisle	(1997-1998)	assistant professor, University of Sherbrooke, Canada
Gavin Hinten	(2002-2004)	postdoctoral associate, University of Sheffield, UK

Luisa Orsini	(2004-2008)	senior researcher, Leuven, Belgium
Christoph Haag	(2004-2005)	group leader, University of Fribourg, Switzerland
Chris Wheat	(2005-2008)	researcher, University of Helsinki, Finland
Ines Klemme	(2008)	researcher, University of Jyväskylä, Finland
Virpi Ahola	(2009-)	post doc
Eva Tas	(2009- 2010)	post doc
Tommi Mononen	(2009-)	post doc
Pasi Rastas	(2010-)	post doc
Maaïke de Jong	(2010-)	post doc
Andreia Miraldo	(2010-)	post doc
Anne Duploux	(2010-)	post doc

Synergistic Activities:

Examples of knowledge transfer to the public via coverage of scientific findings in:

- newspapers: N.Y. Times, Helsingin Sanomat (main national newspaper), several other national newspapers
- magazines: Der Spiegel (Hamburg), Finnish magazines
- radio: Finnish National Broadcasting Company, on many occasions
- television: 30 min program on research into conservation of species in fragmented landscapes (2001), 30 min interview, a profile of a scientist, several interviews