



Curriculum Vitae

Prof. Dr. Dr. h. c. Dr. h. c. Bill S. Hansson,
HonFRES, FAAS

Department of Evolutionary Neuroethology
Max Planck Institute for Chemical Ecology

- **Born** January 12, 1959 in Jonstorp, Sweden
- **Married** February 2, 1993 to Susanne Erland
- **Children** Otto, born November 1, 1996
Agnes, born November 25, 1998
- **Military service** 1978–79, 15 months training, Rank: fänrik (sublieutenant)
- **Language skills** Swedish (mother tongue), English (excellent), German (fluent), French (basic), Danish (speak, understand and read), Norwegian (speak, understand and read)

1. Academic education and degrees

Professor, honorary Friedrich Schiller University, Jena, 2010
Professor, recruited SLU, March 2001, Chemical Ecology
Professor, promoted Lund University, April 2000, Chemical Ecology
Docent Lund University, August 1992, Ecology
Ph. D. Lund University, October 1988, Ecology
B. Sc. Lund University, May 1982, Biology

2. Positions held

- **Jun 2014 –** Vice President, the Max Planck Society
- **Jan 2011 – Jun 2014** Managing Director, Max Planck Institute for Chemical Ecology
- **Apr 2006 –** Director, Department of Evolutionary Neuroethology,
Max Planck Institute for Chemical Ecology
- **Apr 2006 – June 2016** Guest professor, scientific leader (-2010) and partner in the ICE3 Linnaeus research program at The Swedish University for Agricultural Sciences, Alnarp
- **Jan 2003 – Jan 2006** Associate dean of the faculty for Landscape planning Horticulture and Agricultural Sciences with specific responsibility for research and graduate studies
- **Mar 2001 – Jan 2006** Professor and Head of Chemical Ecology,
The Swedish University for Agricultural Sciences
- **Apr 2000 –** Promoted Professor Chemical Ecology, Lund University
- **Mar 1995 – Mar 2001** Särskild forskartjänst i Neurobiologi
(Associate Professor with tenure, Neurobiology), Lund University
- **Aug 1992 –** Docent (Associate professor), Lund University

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- **Aug 1990 – Mar 1995** **Forskarassistent** (Assistant professor), Lund University
 - **Apr 1989 – Aug 1990** **Post-doctoral research associate** at Arizona Research Laboratories, Division of Neurobiology, University of Arizona
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3. Scientific credentials

Scientific awards

- **1998** The Takasago International Research Award in Olfactory Science
- **2000** The Belgian Royal Academy of Sciences JM Delwart Award in Chemical Communication
- **2009** The Royal Swedish Academy of Science Letterstedt Prize
- **2013** The AChemS Givaudan Lecture Award
BingZhi Professorship of the Chinese Academy of Sciences, Zoology
- **2014** The ISCE Silverstein-Simeone Lecture Award
- **2016** The Ellis Island Medal of Honor
Honorary Doctor (Dr. h.c.) at the Swedish University of Agricultural Sciences (SLU)
- **2017** The Jubilee Medal of the Finnish Society of Sciences and Letters
Honorary Doctor (Dr. h.c.) at the Czech University of Life Sciences, Prague

Evaluations 2000–

- **2000** **Competed successfully for a Full Professorship** in Molecular Aspects of Olfaction at the University of California, Riverside. Declined.
 - **2001** **Competed successfully for a Full Professorship** in Chemical Ecology at the Swedish University of Agricultural Sciences. Accepted.
 - **2004** Research program evaluated by the Swedish Science Council (VR) as »**world leading**« and »**outstanding**«.
 - **2006** **Evaluated for a Directorship** at the Max Planck Institute for Chemical Ecology in Jena, Germany and was offered the position. Accepted.
 - **2006** **Evaluated for a Linnaeus support** by the Swedish government. Was awarded the only support given in biology.
 - **2007** **Evaluated to become a fellow of the Royal Swedish Academy of Agriculture and Forestry.** Installed at the Academy 2007.
 - **2008** **Evaluated by the Scientific Advisory Board** of the Max Planck Institute for Chemical Ecology and given the grade »**outstanding**«.
 - **2009** **Evaluated by an international board of referees** in the universitywide evaluation »**Kvalitet och Nyttä**« at SLU. The SLU Chemical Ecology division received 23 out of 24 possible points.
 - **2010** **Evaluated to become a fellow of the Saxonian Academy of Science.** Installed at the Academy 2010.
 - **2010** **Evaluated to become a fellow of the Royal Swedish Academy of Sciences.**
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Installed at the Academy 2011.

- 2011 **Evaluated to become a Fellow of the Royal Entomological Society (FRES).**
Installed as an honorary Fellow 2011.
- 2012 **Evaluated to become a fellow of Academia Europaea.**
Installed as a member 2012.
- 2012 **Evaluated by the Scientific Advisory Board** of the Max Planck Institute
for Chemical Ecology and given the grade »**outstanding to excellent**«.
- 2013 **Evaluated to become a member of the Finnish Society of Sciences and Letters.**
Installed at the Society 2014.
- 2014 **Evaluated by the Scientific Advisory Board** of the Max Planck Institute
for Chemical Ecology and given the grade »**outstanding to excellent**«.
- 2016 **Evaluated by the Scientific Advisory Board** of the Max Planck Institute
for Chemical Ecology and given the grade »**outstanding**«.
- 2016 **Evaluated to become a Fellow of the African Academy of Sciences.**
Installed as member 2016.
- 2016 **Evaluated to become a member of the German National Academy of Sciences
Leopoldina.** Installed as member 2017.

Referee work

- **Consulted as referee by** Journal of Neurobiology, Entomologia experimentalis et applicata,
Journal of Chemical Ecology, Journal of Entomological Science,
Journal of Experimental Biology, Journal of Insect Physiology,
Oikos, Journal of Comparative Physiology A, Cell and Tissue Research,
Chemical Senses, The Italian Journal of Zoology,
The European Journal for Biochemistry, Chemoecology, Physiological Entomology,
Neuroscience Letters, Trends in Plant Science, Current Biology,
Brain, Behaviour and Evolution, Molecular and Cellular Neuroscience,
Genomics, Journal of Comparative Neurology, Insect Biochemistry and Molecular
Biology, Plant Biology, Behavioural Ecology, Neuroscience Letters,
International Journal of Tropical Insect Science, Trends in Genetics, PLoS Genetics,
Nature, PLoS ONE, Neuroscience Methods, Functional Ecology,
Nature Communications, Cell, Neuron
 - **Member of
the editorial board of** • Journal of Insect Physiology
• Frontiers in Neural Circuits
• Journal of Chemical Ecology
• Current Opinion in Insect Science
• Insect Science
 - **Consulted as reviewer by** • the European Research Council (ERC)
• the Swedish Science Council (VR)
• the Natural Science Foundation (NSF) of USA
• the Swiss National Science Council (NF)
• the International Foundation for Science (IFS)
• the United States-Israel Binational Agricultural Research and Development Fund (BARD)
• the Israel Science Foundation (ISF)
• the Austrian Research Council
• the Nordic research council (NORFA)
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- the Norwegian research council
- the German Research Council (DFG)
- the Swedish International Development Agency (Sida/Sarec)
- the Italian Ministry for University and Research
- the MacArthur Foundation
- the Volkswagenstiftung
- the European Commissions unit for Future and Emerging ICT Technologies
- the Human Frontiers Science Program (HFSP)
- the Center for Advanced Studies, Oslo, Norway
- Howard Hughes Medical Institute, USA
- the Wellcome Trust, UK
- the Champalimaud Institute, Lisbon, Portugal
- the individual merit promotion scheme of the British Biotechnology and Biological Sciences Research Council (bbsrc)
- the Département Santé des Plantes et Environnement of the French Government
- the University of Oslo for a full professorship in Zoology
- the University of Vienna for a full professorship in Zoology
- the University of Würzburg for a Habilitation procedure
- the University of Würzburg for a full professorship in Zoology
- the University of Lausanne for an associate professorship
- the Friedrich Schiller University, Jena for an associate professorship
- the University of California, Riverside for an associate professorship
- the University of California, San Diego for a full professorship
- the University of Auckland, NZ for a full professorship
- the Körber Foundation

- **Consulted as evaluator by**
 - the Swedish National Agency for Higher Education
 - the Swedish University for Agricultural Sciences
 - the Howard Hughes Medical Institute (HHMI)

Examinations

- **External examiner of the doctoral thesis of**
 - Ingwild Massante-Roca, INRA, Bordeaux, France.
 - Xavier Grosmaître, Université Paris 6, France.
 - El Hassan Hamdani, University of Oslo, Norway.
 - Qui Yu Tong, Department of Entomology, Wageningen University, the Netherlands.
 - Isabella Urrú, Department of Experimental Biology, University of Cagliari, Italy.
 - Nina Stanczyk, University of Nottingham, UK.
 - Martin J Babu, Department of Applied Zoology, University of Mangalore, India.
- **External examiner for the licentiatexamen of**
 - Nishtman Dizeyi at the Department of Zoology, Lund University.
- **On the board of examiners for the doctoral thesis of**
 - Bo Pontoppidan, SLU, Uppsala, Sweden.
 - Magnus Augner, Department of Theoretical Ecology, Lund University.
 - Jan Olof Seyer, Department of Zoology, Lund University.
 - Anna Carin Bäckman, Department of Plant Protection, SLU, Alnarp, Sweden.
 - Irene Ibba, Department of Experimental Biology, University of Cagliari, Italy.
 - Rayko Halitschke, Max Planck Institute for Chemical Ecology, Jena, Germany.
 - Kathrin Steck, Max Planck Institute for Chemical Ecology, Jena, Germany.
 - Linda Kübler, Max Planck Institute for Chemical Ecology, Jena, Germany.
 - Paola Gilardoni, Max Planck Institute for Chemical Ecology, Jena, Germany.
 - Anna Späthe, Max Planck Institute for Chemical Ecology, Jena, Germany.
 - Cornelia Bühlmann, Max Planck Institute for Chemical Ecology, Jena, Germany.
 - Antonia Strutz, Max Planck Institute for Chemical Ecology, Jena, Germany.
 - Merid Getahun, Max Planck Institute for Chemical Ecology, Jena, Germany.
 - Farhan Abu, Max Planck Institute for Chemical Ecology, Jena, Germany.

- Jeanine Linz, Max Planck Institute for Chemical Ecology, Jena, Germany
- Katrin Groh, Max Planck Institute for Chemical Ecology, Jena, Germany
- Christine Mißbach, Max Planck Institute for Chemical Ecology, Jena, Germany
- Latha Mukunda, Max Planck Institute for Chemical Ecology, Jena, Germany
- Veit Grabe, Max Planck Institute for Chemical Ecology, Jena, Germany
- Michael Thoma, Max Planck Institute for Chemical Ecology, Jena, Germany
- Christopher König, Max Planck Institute for Chemical Ecology, Jena, Germany
- Shima Ebrahim, Max Planck Institute for Chemical Ecology, Jena, Germany
- Fabio Miazzi, Max Planck Institute for Chemical Ecology, Jena, Germany
- Alexander Haverkamp, Max Planck Institute for Chemical Ecology, Jena, Germany
- Christian Klinner, Max Planck Institute for Chemical Ecology, Jena, Germany
- Tom Retzke, Max Planck Institute for Chemical Ecology, Jena, Germany
- Elisa Schuh, Max Planck Institute for Chemical Ecology, Jena, Germany
- Ahmed Mohamed, Max Planck Institute for Chemical Ecology, Jena, Germany

■ **External examiner for the Laurea thesis of**

- Barbara Pisano, Department of Experimental Biology, University of Cagliari, Italy.

Editorial work

- 1998 – 1999
- 1999

Edited the book »Insect Olfaction«

Invited guest editor for Microscopy Research and Techniques

Memberships and scientific organisation duties

■ **Fellow of**

- the Royal Entomological Society (FRES; honorary)
- the African Academy of Sciences

■ **Member of**

- the German National Academy of Sciences Leopoldina
- the Royal Swedish Academy of Sciences (KVA)
- the Royal Swedish Academy of Agriculture and Forestry (KSLA)
- the Royal Physiographic Society in Lund, Sweden
- the Saxonian Academy of Science in Leipzig, Germany
- Academia Europaea
- the Finnish Society of Sciences and Letters

- European Chemoreception Research Organisation (ECRO)
- Association for Chemoreception Sciences (AchemS)
- European Symposium on Insect Taste and Olfaction (ESITO)
- International Society for Chemical Ecology (ISCE)
- Leaders in Higher Research Organisations (HIROs)

■ **Board member of**

- ECRO 2000 – 2008, 2011-2012
- ESITO 1989 –
- the Royal Belgian Academy of Sciences Delwart Foundation 2002 –
- International Centre for Insect Physiology and Ecology 2006 –
- The Malopolska Center for Biotechnology, Kraków, Poland 2016-
- EXTEMIT-K Programme at the Czech university of Life Sciences, Prague 2017-
- The International Advisory Board for SLU
- The First International Advisory Board for Hainan University

■ **Chairman of the board**

- International Centre for Insect Physiology and Ecology Nov 2013 – Oct 2016, 2020
- Ernst Strüngmann Institute June 2014 - present
- Max Planck Florida Board of Trustees June 2014 - present
- EXTEMIT-K Programme at the Czech university of Life Sciences, Prague 2017-

■ **President of**

- ECRO 2002 – 2006

■ **Councilor of the board of**

- ISCE 2005 – 2007

Scientific courses and conferences attended 1990 –

P Poster, **L** Lecture, **I** Invited Lecture, **IO** Invited Organiser,
CO Coorganiser, **C** Coauthor

- **1990**

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Insect Chemical Ecology in Tábor, Czechoslovakia.
 Workshop on Insect Chemoreception in Woudschoten, the Netherlands.
 ECRO IX in Leeuwenhorst, the Netherlands
- **1991**
 France

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International Society of Chemical Ecology (ISCE), VIII in Dijon,
 ESITO II at Schloss Ringberg, Germany
- **1992**

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International Chemoreception Workshop on Insects (ICWI) in Jasper, British Columbia, Canada.
 ECRO X in München, Germany
- **1993**

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ESITO III in Villasimius, Italy
- **1994**

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1st International Symposium on Insect Pheromones, Wageningen, the Netherlands.
 ECRO XI in Blois, France
- **1995**

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Olfactory Meeting in Bochum, Germany
 ESITO IV in Höör, Sweden
 Olfactory Meeting Tübingen in Tübingen, Germany
- **1996**

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XX International Congress of Entomology in Florence, Italy
- **1997**

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Tsukuba Symposium on Chemical Communication, Japan
 XXV International Ethological Conference, Vienna, Austria
 ESITO V in Villasimius, Italy
 Animal Senses PhD-student course in Helsinki, Finland
- **1998**

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2nd International Symposium on Insect Pheromones, Wageningen, the Netherlands
 Neurobiological and Ecological basis of Behaviour: Survival and Reproduction, Mexico
 EUCHEM »Ecological Chemistry: Chemical Communications«, Sweden
 XIX European Society for Comparative Physiology and Biochemistry Science Fair in Helsinki, Finland
 ECRO XIII in Siena, Italy
 Fondation Jean-Marie Delwart Symposium on Olfactory receptors in the living world, Chateau de Pellenberg, Belgium
- **1999**

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ESITO VI in Tutzing, Germany
 First Asia-Pacific Conference on Chemical Ecology, Shanghai, China
 Kunskapens Krona – Millenieseminarium, The Royal Castle, Stockholm, Sweden
- **2000**

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GustOlf – Nordic Conference on Olfaction and Gustation, Göteborg, Sweden
 ECRO XIV/ISOT in Brighton, UK
 Mat och Möjligheter in Båstad, Sweden
 Bioteknik i miljövärdens tjänst, Royal Swedish Academy of Sciences, Stockholm, Sweden

2001	I I I I I CO	Workshop on Olfaction, Sigtuna, Sweden Molecular aspects of Olfaction, Royal Swedish Academy of Sciences, Stockholm, Sweden International Society of Chemical Ecology, Lake Tahoe, USA Australasian Society of Chemoreception, Sydney, Australia ESITO VII in Villasimius, Italy
2002	L C C C O C IO C C C I	Association for Chemoreception Sciences (AChemS) in Sarasota, USA Drosophila Olfaction. ECRO satellite meeting in Erlangen, Germany ECRO XV in Erlangen, Germany Australian Association for Chemosensory Science (AACSS), Heron Island Australia
2003	I I O I C C C C	Norwegian Physiologist meeting, Hafjell, Norway Society of Experimental Biology meeting, Southampton, UK 3rd International Symposium on Insect Pheromones, Bäckaskog, Sweden
2004	I I I I I	International Society for Olfaction and Taste, Kyoto, Japan Congress of European Comparative Endocrinology, Uppsala, Sweden Symposium of Insect Plant Relationships, Berlin, Germany ECRO XVI in Dijon, France Fondation Jean-Marie Delwart Symposium on Chemical Communication and Artificial Olfaction, Louvain-la-neuve, Belgium
2005	I C C I C C C C	Symposium on Plant Insect Interactions. Future Directions, Jena, Germany International Society of Chemical Ecology, Washington DC, USA ESITO IX in Villasimius, Italy
2006	C C C O I I I IO IO	ACHemS in Sarasota, USA Insect Olfactory CNS in Bäckaskog, Sweden FENS in Vienna, Austria Sinnen & signaler in Göteborg, Sweden ECRO XVII in Granada, Spain
2007	I O I I	Keystone Symposium, Chemical Senses: from Genes to Perception in Snowbird, USA International Society of Chemical Ecology in Jena, Germany Max Planck Sektionssymposium in Berlin, Germany
2008	O I I C C IO L C C I O I	SEMIO-08 in Arusha, Tanzania International Society for Olfaction and Taste, San Francisco, USA International Society of Chemical Ecology in State College, USA Biocommunication, Berlin, Germany ECRO XVIII, Portoroz, Slovenia Fondation Jean-Marie Delwart Symposium »Chemical Communication within, around and between Plants«, Genval, Belgium
2009	I C C C C IO O I I C C C C C C C C C C C C C C I I	Keystone Symposium, Chemical Senses: Receptors and Circuits in Lake Tahoe, USA Gordon Conference on Floral and Vegetative Volatiles, Oxford, UK Symposium on the Evolution of the arthropod nervous system, Jena, Germany ESITO XI in Villasimius, Italy ECRO XIX, Villasimius, Italy Meeting of Students in Evolution and Ecology (STEVE), Tübingen, Germany

- 2010

 - I 6th European Conference on Comparative Neurobiology (ECCN) in Valencia, Spain
 - I Form and Function of the Olfactory System, Janelia Farm, USA
 - I Gordon Conference on Sensory Coding in the Natural Environment, Bates College, Maine, USA
 - I UK Semiochemistry Workshop, Cambridge, UK
 - C C C C C C C ECRO XX in Avignon, France
 - C
 - O I Evolf-MMX on Christmas Island, Australia

- 2011

 - I Introductory lecture, KVA, Stockholm, Sweden
 - I For love of insects on Öland, Sweden
 - IO C C International Society of Chemical Ecology in Vancouver, Canada
 - I Human Nature, Båstad, Sweden
 - I Royal Entomological Society, Chatham, UK
 - I Insect Molecular Science, Amsterdam, the Netherlands
 - O Future of Chemistry in Chemical Ecology, Ringberg, Germany

- 2012

 - I Synthesis of Scent, Valparaiso, Chile
 - I Evolf II, Puerto Natales, Chile
 - I Progress in Biosciences, Buenos Aires, Argentina
 - O C C C C C C International Symposium on Olfaction and Taste, Stockholm, Sweden
 - C C C C C C C
 - I I I XXIV International Congress of Entomology, Daegu, S Korea
 - I Molecules, Light and Life, Jena, Germany

- 2013

 - I AChemS in Huntington Beach, USA
 - I C C 33rd Blankenese Conference - Nutrient sensing from brain to gut, Hamburg, Germany
 - I IO C ISCE, Melbourne, Australia
 - I C C ECRO, Leuven, Belgium
 - I Barcelona Cognition, Brain and Technology Summer School
 - O I ESITO XIII, Villasimius, Italy

- 2014

 - I Winter Neuroscience Meeting, Sölden, Austria
 - I ISCE, Champaign-Urbana IL, USA
 - I Society for Neuroscience, Washington DC, USA

- 2015

 - I O Conference on Scientific Recruitment, Lund, Sweden
 - I ISCE, Stockholm, Sweden
 - I Cutting Edge Biomolecular Science, Stockholm, Sweden

- 2016

 - I ICE3 Symposium, Alnarp, Sweden
 - I ERATO conference on Insect Olfaction, Tokyo, Japan
 - C C C International Symposium on Olfaction and Taste, Yokohama, Japan
 - I IO C XXV International Congress of Entomology, Orlando, USA

- 2017

 - I Sunposium, West Palm Beach, USA
 - I Yearly meeting of the Finnish Society of Sciences and Letters, Helsinki, Finland
 - I Max Planck Symposium „Organism Biology meets Epigenetics“, Berlin, Germany
 - I Frontiers in Olfaction, Trieste, Italy
 - I Mechanisms in Olfaction, Regensburg, Germany
 - I O Mechanisms of Animal Behavior, 8th Exploratory Round Table Conference, Shanghai, China

- 2018

 - I European Conference on Entomology, Naples, Italy



ECRO, Würzburg, Germany
German Zoological Society, Greifswald, Germany

- 2019  Schering Foundation Workshop on Olfaction, Berlin, Germany
ESITO XVI, Villasimius, Italy

Named Lectures

- 2009 The Sawicki Lecture, Rothamsted Research, UK
The Verrall Lecture, Natural History Museum, London, UK
The Royal Swedish Academy of Science autumn lecture
- 2010 The Dave Kelly Lecture, Cambridge, UK
- 2012 Manfred Eigen Lecture, Jena, Germany
- 2013 Patton Lecture, Cornell University, NY, USA
Givaudan Lecture, AChemS
BingZhi Lecture, Chin Acad Sci Zool, Beijing, China
- 2014 Silverstein-Simeone Lecture, ISCE, Champaign-Urbana, USA
The Caesarium, caesar, Bonn, Germany
- 2015 Forum am Mittag, Max Planck Headquarters, Munich, Germany
- 2017 Sunposium Featured Lecture
The Finnish Society of Sciences and Letters Yearly Lecture
- 2019 ESITO Keynote Lecture

Scientific visits, invited lectures and work periods abroad 2000 –

- 2000 Visit at Rothamsted Experimental Station, Harpenden, U.K (3 days), lecture given
Invited lecturer at Department of Entomology, University of California, Riverside, USA (4 days), lecture given.
Research visit at Arizona Research Laboratories, University of Arizona, USA (1 week), lecture given.
- 2001 Visit at the Dept of Agriculture, University of the Pacific, Apia, Samoa (1 week).
- 2002 Research visit at Arizona Research Laboratories, University of Arizona, USA (1 week), lecture given.
Invited lecture, The Rockefeller University, New York, USA
Invited lecture, Yale University, New Haven, USA
- 2003 Research visit at Arizona Research Laboratories, University of Arizona, USA (2 weeks), lecture given.
- 2004 Research expedition to Christmas Island, Australia (2 weeks)
- 2005 Research expedition to Christmas Island, Australia (2 weeks), lecture given
Invited lecture at the Cajal Institute in Madrid, Spain (3 days), lecture given
Visit at the Max Planck Institute for Chemical Ecology in Jena, Germany (1 week), lecture given
- 2006 Invited lecture at Lund University, lecture given
- 2007 Visit at ICIPE, Nairobi (1 week), lecture given

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- Invited lecture at the Max Planck Institute for Ornithology in Seewiesen, Germany, lecture given
Invited lecture at the Free University, Berlin, lecture given
- **2008**
 - Invited lecture at Penn State University, State College, USA
 - Invited lecture at The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning in Stockholm, Sweden

 - Visit at ICIPE, Nairobi (1 week)
 - Invited lecture at Lund University, lecture given
 - Research expedition to Christmas Island, Australia (3 weeks)
 - **2009**
 - Visit at Rothamsted Research
 - Invited lecture at the Royal Swedish Academy of Science
 - Invited lecture at Penn State University, State College, USA
 - Invited lecture at Bayer Crop Science, Monheim, Germany
 - Invited lecture at EMBL-CRG Systems Biology Unit, Barcelona, Spain
 - Visit at ICIPE, Nairobi, Kenya (1 week)
 - Visit at the Max Planck Institute for Developmental Biology, Tübingen, Germany
 - **2010**
 - Invited lecture at the Gulbenkian Institute, Lisbon, Portugal
 - Invited lecture at the Agricultural Gymnasium, Svalöf, Sweden
 - Visit at the field station of Ian Baldwin, Utah, USA
 - Two invited lectures at Penn State University, State College, USA
 - Invited lecture at ICIPE, Nairobi, Kenya
 - **2011**
 - Invited lecture at Addis Abeba University, Ethiopia
 - Visit at ICIPE, Nairobi, Kenya (3 days)
 - **2012**
 - Visit at Harvard University, USA (2 days)
 - Visit at Rothamsted Research (2 days)
 - Visit at ICIPE, Mbita, Kenya (3 days)
 - **2013**
 - Visit at Cornell University, USA (3 days)
 - Visit at Rothamsted Research (2 days)
 - Visit at UC Riverside (3 days), lecture given
 - Visit at ICIPE, Mbita, Kenya (1 week)
 - Visit at the Univ Zürich (2 days), lecture given
 - Visit at the Chin Acad Sci, Zoology, Beijing, 2 lectures given
 - **2014**
 - Visit at Max Planck Florida, Jupiter, FL 2 lectures given
 - Visit at ICIPE, Nairobi, Kenya (1 week)
 - Visit at University of Groningen, The Netherlands, lecture given
 - Two invited lectures at Penn State University, State College, USA
 - **2015**
 - Visit at the Chin Acad Sci, Zoology, Beijing, lecture given
 - Visit at Transylvanian Experimental Neuroscience Summer School
 - Visit at the Weizmann Institute, Tel Aviv, Israel, Lecture given
 - Visit at ICIPE, Nairobi, Kenya (1 week)
 - **2016**
 - Visit at Costa Rican Universities, San José, Costa Rica (1 week), lecture given
 - Visit at Rockefeller University, lecture given
 - Visit at University of Tokyo and RIKEN, Japan
 - Visit at ICIPE, Nairobi, Kenya (1 week)
 - Visit at the Chin Acad Sci, Zoology, Beijing, lecture given
 - **2017**
 - Two invited lectures at Penn State University, State College, USA
 - Visit at ICIPE, Nairobi, Kenya (1 week)
 - Visit at Dept of Biodiversity, Conservation and Attractions, Perth, Australia, lecture
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given

- 2018 Invited lecture at University of Trento, Italy
- 2019 Invited lectures at Hainan University, China (4 lectures given)

Extramural grants (>50,000 SEK) 1989 –

*BSH main applicant

- **Applications before 2000:** As main applicant: 10,500,000 SEK
As co-applicant: 16,500,000 SEK
 - **Applications 2000 –**
 - Source of support: The Wenner Gren Foundation
Title: Optical Imaging
Period of support: 2000
Costs: 150,000 SEK*
 - Source of support: NFR
Title: From Molecule to Mind
Period of support: 2000 – 2001
Costs: 948,000 SEK*
 - Source of support: EU, Marie Curie Grant
Title: Evolution of Olfactory Coding
Period of support: 2001–2003
Costs: 142,000 ECU
 - Source of support: NFR
Title: From Molecule to Mind
Period of support: 2001
Costs: 143,000 SEK*
 - Source of support: SJFR
Title: Flexibility in host choice in insects
Period of support: 2001 – 2002
Costs: 1,270,000 SEK*
 - Source of support: Carl Tryggers Stiftelse
Title: Molekylär igenkänning i bananflugans perifera doftsinne
Period of support: 2002
Costs: 315,000 SEK*
 - Source of support: STINT
Title: The Evolution of Insect Olfaction
Period of support: 2001 – 2004
Costs: 1,500,000 SEK*
 - Source of support: VR
Title: Olfactory detection, processing and evolution
Period of support: 2002 – 2004
Costs: 2,700,000 SEK*
 - Source of support: EU – IST
Title: A fleet of artificial chemosensing moths
Period of support: 2002 – 2005
Costs: 1,600,000 Euro (700,000 for BSH)
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- Source of support: Formas
Title: Flexibility in host choice in insects
Period of support: 2003 – 2004
Costs: 886,000 SEK*

 - Source of support: VR
Title: 3rd International Symposium on Insect Pheromones
Period of support: 2003
Costs: 65,000 SEK*

 - Source of support: VR
Title: Confocal microscope
Period of support: 2003
Costs: 2,900,000 SEK*

 - Source of support: Formas
Title: 3rd International Symposium on Insect Pheromones
Period of support: 2003
Costs: 125,000 SEK*

 - Source of support: Gyllenstiernska Krapperupstiftelsen
Title: Olfactory Evolution
Period of support: 2004–2005
Costs: 150,000 SEK*

 - Source of support: VR
Title: Olfaction – Structure, Function and Evolution
Period of support: 2005–2007
Costs: 3,600,000 SEK*

 - Source of support: Sida/Sarec
Title: Efficient and environmentally sustainable control of sorghum chafer, *Pachnoda marginata*, by mass trapping
Period of support: 2005-2006
Costs: 1,200,000 SEK*

 - Source of support: Formas
Title: The odor world of the mosquito – function and manipulation
Period of support: 2006 – 2008
Costs: 3,000,000 SEK*

 - Source of support: Formas
Title: Bovine pheromones
Period of support: 2006 – 2008
Costs: 3,000,000 SEK

 - Source of support: Formas
Title: Semiochemical diversity and insect dynamics
Period of support: 2006 – 2008
Costs: 2,565,000 SEK

 - Source of support: the Linnaeus initiative
Title: Insect chemical ecology, ethology and evolution
Period of support: 2006 – 2016
Costs: 90,000,000 SEK*

 - Source of support: Sida/Sarec
Title: Efficient and environmentally sustainable control of
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| | sorghum chafer, <i>Pachnoda marginata</i> , by mass trapping |
| Period of support: | 2007–2008 |
| Costs: | 1,200,000 SEK* |

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| ■ Source of support: | EU |
| Title: | Artificial infochemical communication |
| Period of support: | 2007–2011 |
| Costs: | 2,400,000 Euros |

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| ■ Source of support: | DFG |
| Title: | Schwerpunkt Olfaktion |
| Period of support: | 2009–2012 |
| Costs: | 3 PhD positions |

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| ■ Source of support: | Volkswagenstiftung |
| Title: | Evolution of the arthropod olfactory system |
| Period of support: | 2009 |
| Costs: | 75,000 Euros* |

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| ■ Source of support: | VR |
| Title: | ISOT16 |
| Period of support: | 2011-12 |
| Costs: | 284,000 SEK* |

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| ■ Source of support: | Formas |
| Title: | ISOT16 |
| Period of support: | 2011-12 |
| Costs: | 200,000 SEK* |

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|----------------------|--|
| ■ Source of support: | Volkswagenstiftung |
| Title: | Insect Chemical Ecology (PhD student course) |
| Period of support: | 2012 |
| Costs: | 15,000 Euros* |

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| ■ Source of support: | Deutsche Forschungsgemeinschaft |
| Title: | An integrative analysis of the olfactory system in terrestrial vs. marine hermit crabs |
| Period of support: | 2014-16 |
| Costs: | 140,000 Euros* |

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| ■ Source of support: | EU Horizon 2020 FET |
| Title: | NanoSmell |
| Period of support: | 2015-19 |
| Costs: | 3,900,000 Euros |

MPG internal grants (>50,000 SEK) 2015 –

*BSH main applicant

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| ■ Source of support: | MPG collaborative projects |
| Title: | Locust Olfactory Ecology |
| Period of support: | 2019-22 |
| Costs: | 1,200,000 Euros* |

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| ■ Source of support: | MPG Center program |
| Title: | next Generation Insect Chemical Ecology |
| Period of support: | 2020-24 |
| Costs: | 7,500,000 Euros |
| Co-financed between MPG, SLU and Lund University | |
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4. List of publications, Bill S. Hansson

H-value 61, cited >13700 (ISI)

A – Scientific publications in international, peer-reviewed journals

■ cited more than 50 times ■ cited more than 100 times

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- 14. Hallberg E, Löfstedt C., **Hansson BS**. 2003. Sensilla and proprioceptors. In: *Handbook of Zoology: Lepidoptera, Moths and Butterflies: Vol 2 Morphology, Physiology and Development*. Christensen NP (ed.), de Gruyter, Berlin, pp 267-288

- 15. Carlsson MA, **Hansson BS**. 2003. Plasticity and coding mechanisms in the insect antennal lobe. In »Insect Pheromone Biochemistry and Molecular Biology, the biosynthesis and detection of pheromones and plant volatiles.« Blomquist GJ, Vogt RG, eds, Elsevier Academic Press, London, pp 699-729
- 16. Ignell R, **Hansson BS**. 2004. Insect olfactory neuroethology – An electrophysiological perspective. In »Advances in Insect Sensory Neuroscience.« Christensen TA, ed, CRC Press, New York, pp 319-347
- 17. Pearce T, Chong K, Verschure P, Bermudez i Badia S, Carlsson M, Chanie E, **Hansson BS**. 2004. Chemotactic search in complex environments. In »Electronic noses & sensors for the detection of explosives.« Gardner JW, Yinon J, eds. Kluwer Academic Publ, pp 181-207
- 18. Carlsson MA, **Hansson BS**. 2006. Detection and coding of flower volatiles in nectar-foraging insects. In »Biology of floral scent.« Dudareva N, Pichersky E, eds. CRC Press, Boca Raton, London, New York, pp 243-261
- 19. Löfstedt C, **Hansson BS**. 2006. Minnesteckning över Jan Löfqvist. In Kungl Fysiografiska Sällskapetets Årsbok, Lund, pp 133-137
- 20. Stensmyr M, **Hansson BS**. 2007. Flies' lives on a crab. *Curr Biol* 17(17):R743-746
- 21. **Hansson BS**. 2007. Dofter och kemiska signaler. In *Sinnen Signaler och Tolkningar av Verkligheten*, Göteborg, Kungl Vetenskaps – och Vitterhetssamhället, pp 39-48
- 22. **Hansson BS**. 2007. Geruchswahrnehmung bei Insekten. *Max Planck Gesellschaft Jahrbuch* 2007.
- 23. Drew MM, Harzsch S, Stensmyr M, Erland S, **Hansson BS**. 2010. A review of the biology and ecology of the Robber Crab, *Birgus latro* (Linnaeus, 1767) (Anomura: Coenobitidae). *Zool Anzeig* 249:1-70
- 24. **Hansson BS**. 2010. Täuschende pflanzen. *Max Planck Gesellschaft Jahrbuch* 2010
- 25. **Hansson BS**, Knaden M, Sachse S, Stensmyr MC, Wicher D. 2010. Towards plant-odor-related neuroethology in *Drosophila*. *Chemoecology* 20:51-61
- 26. **Hansson BS**, Stensmyr MC. 2010. A silicon olfactome (commentary). *Chem Senses* 35:541-543
- 27. **Hansson BS**, Harzsch S, Knaden M, Stensmyr M. 2011. The neural and behavioral basis of chemical communication in terrestrial crustaceans. In »Chemical Communication in Crustaceans« Breithaupt TH, Thiel M, eds. Springer, Berlin pp 149-173
- 28. **Hansson BS**, Stensmyr MC. 2011. Evolution of insect olfaction. *Neuron* 72:698-711
- 29. Stensmyr MC, **Hansson BS**. 2011. A genome befitting a monarch. *Cell* 147:970-972
- 30. Urrú I, Stensmyr MC, **Hansson BS**. 2011. Pollination by brood-deception. *Phytochem* 72:1655-1666
- 31. Olsson SB, **Hansson BS**. 2012. A flux capacitor for moth pheromones (commentary). *Chem Senses* 37:295-298
- 32. Knaden M, **Hansson BS**. 2013. Sense of achievement (insight). *eLife* 2:e01605
- 33. Knaden M, **Hansson BS**. 2013. Specific but flexible (commentary). *Science* 339:151-152
- 34. **Hansson BS**. 2014. From organism to molecule and back – Insect olfaction during 40 years. *J Chem Ecol* 40(5):409-410
- 35. Knaden M, **Hansson BS**. 2014. Mapping odor valence in the brain of flies and mice. *Curr Opin Neurobiol* 24:34-38
- 36. Dweck HKM, Knaden M, **Hansson BS**. 2015. Functional loss of yeast detectors parallels transition to herbivory. (commentary). *PNAS* 112(10):2927-2928
- 37. Baker TC, **Hansson BS**. 2016. Moth Sex Pheromone Olfaction: Flux and Flexibility in the Coordinated Confluences of Visual and Olfactory Pathways In »Pheromone Communication in Moths« Allison J, Cardé RT, eds. University California Press, in press
- 38. **Hansson BS**, Wicher D. 2016. Insect Chemical Ecology. In »Chemosensory Transduction: How animals detect odors, tastes and other chemostimuli« Zufall F, Munger S, eds. Elsevier, New York (in press)
- 39. Sachse S, **Hansson BS**. 2016. Research spotlight: Olfactory coding in *Drosophila melanogaster*. In »Structure and Evolution of Invertebrate Nervous Systems« Schmidt-Rhaesa A, Harzsch S, Purschke G, eds. Oxford University Press, Oxford pp 640-645
- 40. **Hansson BS**. 2017. Kemisk Ekologi på SLU. In »SLU - Ett universitet mitt i samhällets utveckling« von Bothmer R, Nilsson A, Carlsson M eds. Fri Tanke, Uppsala pp 92-93

- 41. Haverkamp A, **Hansson BS**, Knaden M. 2018. Combinatorial codes and labeled lines: How insects use olfactory cues to judge food mates and oviposition sites in complex environments. *Frontiers Physiol* 9:49
- 42. Rybak J, **Hansson BS**. 2018. «Olfactory microcircuits in *Drosophila melanogaster*» In *Handbook of Brain Microcircuits* (2nd ed.) Shepherd GM, Grillner S eds. Oxford University Press, Oxford pp361-367
- 43. Wicher D, **Hansson BS**. 2018. The *Drosophila* carbon dioxide receptor as key regulator of odor valence. *Neuron* 97:996-997

C – Books

- 1. **Hansson BS** (ed), 1999. *Insect Olfaction*. Springer Verlag, Heidelberg, 457 pages.

D – Articles in popular press

- 1. **Hansson BS**. 1994. Sexualkommunikation hos insekter. In Swedish national radio, Vårt att veta, program 1.
- 2. **Hansson BS**, Hallberg E, Liljefors T, Löfstedt C. 1995. Evolution of insect olfaction Insekternas doftsinne. *Forskning och Framsteg* 5:33-37.
- 3. **Hansson BS**. 1997. Bibelns gräshoppor samlades med dofter. *Fauna och Flora* 1/2:31-38.
- 4. Carlsson MA, **Hansson BS**. 2000. Minnen av mat, sex och dofter – insekternas minnesfunktioner. *Fauna och Flora* 95:19-26
- 5. Verschure PFMJ, Pearce TC, **Hansson BS**, Chanie E. 2005. Immer den Antennen nach. *Gehirn und Geist* 11:70-75
- 6. Ignell R, **Hansson BS**. 2009. Så släcks myggans blodtörst. *Forskning och Framsteg* 5/09:22-26
- 7. **Hansson BS**. 2011. Evolution of olfaction. *The Islander*, CI
- 8. **Hansson BS**, Helander P, Larsson NG. 2012. Svenska universiteten kan inte förnya forskningen (Swedish universities can not renew research). 2012. *Svenska Dagbladet* March 17
- 9. **Hansson BS**. 2017. Morgonpasset om dofter. In Swedish national radio, program 3.

E – Patents

- 1. Wicher D, **Hansson BS**. 2008. A test system for detecting intracellular cyclic nucleotide level and methods and uses thereof. Europäische Patentanmeldung EP 08 007 140.0

4. Pedagogic credentials

Leadership training

- 2004 Conflict management, SLU, 2 days
- 2003 – 2006 Biweekly two-hour sessions with leadership consultant
- 2009 – 2010 Two times two-day leadership course with Riddarfjärden leadership consultants
- 2011 – Monthly two-hour sessions with leadership consultant
- 2014 One week executive German course
- 2016 Professional board work course, 3 days
- 2017 Cross cultural communication, 2 days
- 2019 Academic leadership, 1 day

Undergraduate teaching

- 1983 – present Total registered teaching volume: ≈ 400 hours of lecturer teaching (incl proj supervision)
≈ 40 hours of other types of teaching

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- **2008** In Jena
2 hours in Zoology (Bolz)
2 weeks Großpraktikum Zoology (Bolz)
 - **2009** 4 hours in Biochemistry (Agricola)
2 hours in Evolution (Fischer)
 - **2010** 2 hours in Biochemistry (Agricola)
 - **2011** 4 hours in Cell Biology (Jungnickel)
 - **2012** 2 hours in Cell Biology (Jungnickel)
 - **2013** 2 hours in Cell Biology (Jungnickel)

Graduate teaching

- **Main organizer** of the PhD student course in Sensory Ecology, Lund University
2 weeks 1994 (40 lecture h)
2 weeks 1996 (40 lecture h)
2 weeks 1998 (40 lecture h)
3 weeks 2000 (40 lecture h)
- **Coorganizer** of the PhD student course in Sensory Ecology, Lund University
2 weeks 2002 (5 lecture h)
2 weeks 2004 (5 lecture h)
- **Coorganizer** of the PhD student course in Chemical Ecology, SLU, Alnarp
2 weeks 2005 (20 lecture h)
of the PhD student course Frontiers in Chemical Ecology, MPI, Jena

2 weeks 2012 (20 lecture h)
of the PhD student course Frontiers in Chemical Ecology, MPI, Jena
2 weeks 2015 (20 lecture h)
- **Main organizer** of a PhD student course in Presentation technique, MPICE, Jena
3 weeks 2009
of a PhD student course in Scientific writing technique, MPICE, Jena
3 weeks 2010
of a PhD student course in Presentation technique, MPICE, Jena
3 weeks 2012
of a PhD student course in Presentation technique, MPICE, Jena
3 weeks 2014
of a PhD student course in Presentation technique, MPICE, Jena
3 weeks 2017

Supervision, PhD

- **1990-1995** supervisor for Peter Anderson
 - **1990-1995** second supervisor for Zhu Junwei
 - **1990-1995** second supervisor for Wu Wenqi
 - **1992-1998** second supervisor for Peter Valeur
 - **1993-1997** supervisor for Samuel A. Ochieng
 - **1995-2000** supervisor for Ruey-Jane Fan.
 - **1996-2001** supervisor for Mattias Larsson
 - **1996-2001** second supervisor for Fredrik Östrand
 - **1997-2001** second supervisor for Rickard Ignell
 - **1996-2002** second supervisor for Dainius Plepys
 - **1996-2002** second supervisor for David Abraham
 - **1998-2003** supervisor for Mikael Carlsson
 - **2000-2004** supervisor for Marcus Stensmyr
 - **2003-2004** supervisor for Lena Ansebo
 - **2001-2006** supervisor for Marcus Sjöholm
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- 2002–2003 supervisor for Malin Celandér
 - 2003–2009 supervisor for Siju Kunhi Purayil
 - 2002–2007 supervisor for Majid Ghaninia
 - 2005–2010 supervisor for Jonas Bengtsson
 - 2006–2008 supervisor for Lina Bryngelsson
 - 2006–2008 supervisor for Anneli Nordén
 - 2006–2010 supervisor for Irene Ibba
 - 2007–2010 supervisor for Kathrin Steck
 - 2007–2011 supervisor for Linda Kübler
 - 2008–2013 supervisor for Anna Henning
 - 2008–2013 supervisor for Merid Negash
 - 2009–2014 supervisor for Christine Mißbach
 - 2009–2013 supervisor for Abu Farhan
 - 2009–2011 supervisor for Franziska Beran
 - 2009–2012 supervisor for Elisabeth Eilers
 - 2009–2012 supervisor for Latha Mukunda
 - 2010– 2014 supervisor for Hany Dweck
 - 2010– 2014 supervisor for Katrin Groh
 - 2010–2013 supervisor for Cornelia Bühlmann
 - 2010–2015 supervisor for Michael Thoma
 - 2012- supervisor for Elisa Badeke (parental leave one year)
 - 2013-2017 supervisor for Fabio Miazzi
 - 2013-2017 supervisor for Alexande Haverkamp
 - 2013-2016 supervisor for Shimaa Ebrahim
 - 2014-2018 supervisor for Tom Retzke
 - supervisor for Ahmed Mohamed
 - supervisor for Sarah Körte
 - 2015- supervisor for Mohammed Khallaf
 - supervisor for Lydia Gruber
 - 2016- supervisor for Lorena Halty
 - supervisor for Benjamin Fabian
 - 2017- supervisor for Megha Tom
 - 2018- supervisor for Elisabeth Adam
 - supervisor for Sinisa Prelic
 - 2019- supervisor for Kalpana Jain
 - supervisor for Venkatesh Paal Mahadevan
 - supervisor for Daniel Moreira Soto
 - supervisor for Devasena Thiagarán

Supervision, licenciate

- 1990–1992 supervisor for Håkan Ljungberg.

Supervision, Undergraduate exam projects (10h / project)

- 1986 assisted in the supervision of Marie Bengtsson
 - 1988 supervised Andrew Richards
 - 1994 supervised Xavier Grosmaître
 - supervised Susanne Zottl
 - 1995 supervised Mattias Larsson.
 - supervised Rickard Ignell.
 - 1996 supervised Martin Jönsson.
 - 1997 supervised Mikael Carlsson
 - 1998 supervised Barbara Pisano
 - 1999 supervised Karin Bengtsson
 - supervised Ulf Mörte
 - supervised Marcus Stensmyr
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- supervised Tania Vinci
 - supervised Alessandro Desogus
 - 2000 supervised Isabella Urru
 - supervised Charlotte Sjøgren
 - 2001 supervised Marcus Sjöholm
 - supervised Elena Giordano
 - 2002 supervised Luca Tosi
 - supervised Anna Lisa Balloi
 - 2004 supervised Christiana Carta
 - supervised Irene Ibba
 - 2006- supervised more than 20 students in Jena

Finalized exams (licenciate or PhD)

- 1993 **Håkan Ljungberg** defended the licenciate thesis
»Neurobiological studies of pheromone reception in *Spodoptera littoralis*
(Lepidoptera: Noctuidae)«
 - 1995 **Zhu Junwei** defended the PhD thesis » Diversity and conservatism in moth sex
pheromone systems«
Peter Anderson defended the PhD thesis » Behavioural and physiological aspects
of oviposition deterrence in moths«
Wu Wenqi defended the PhD thesis »Mechanisms of specificity in moth pheromone
production and response«
 - 1997 **Samuel A. Ochieng'** defended the PhD thesis »Odour detection in the desert locust,
Schistocerca gregaria: antennal structure and function«
 - 1998 **Peter Valeur** defended the PhD thesis »Male moth behaviour and perception
in pheromone plumes«
 - 2000 **Ruey-Jane Fan** defended the PhD thesis »Learning and Memory in Moths
 - 2001 **Fredrik Östrand** defended the PhD thesis »Behaviour of pine sawflies in relation
to pheromone-based pest management«
Mattias Larsson defended the PhD thesis »The Odour World of Scarab Beetles«
Rickard Ignell defended the PhD thesis »Olfaction in Desert Locusts –
Anatomy, Function and Plasticity of the Central Olfactory System«
 - 2002 **Dainius Plepys** defended the PhD thesis »Odour-mediated nectar foraging
in the silver Y moth, *Autographa gamma*«
David Abraham defended the PhD thesis »Molecular aspects of moth pheromone
communication«
 - 2003 **Mikael Carlsson** defended the PhD thesis »A Sensory Map of the Odour World
in the Moth Brain«
 - 2004 **Marcus Stensmyr** defended the PhD thesis »The Fly Nose-Function and Evolution«
Lena Ansebo defended the PhD thesis »Odour Perception in the Codling Moth
Cydia pomonella L. – from Brain to Behaviour«
 - 2006 **Marcus Sjöholm** defended the PhD thesis »Structure and Function of the Moth
Mushroom Body«
 - 2007 **Majid Ghaninia** defended the PhD thesis »Mosquito olfaction«
 - 2009 **Siju Kunhi Purayil** defended his PhD thesis »Neuromodulation in the chemosensory
system of mosquitoes – Neuroanatomy and physiology«
 - 2010 **Jonas Bengtsson** defended his PhD thesis »Odor perception in three Coleoptera:
molecule, receptor & neuron«
Irene Ibba defended her PhD thesis »Neuroethology of olfaction in *Drosophila*«
Kathrin Steck defended her PhD thesis »Smells like home:
olfactory landmarks in desert ant orientation« Magna cum Laude
 - 2011 **Linda Kübler** defended her PhD thesis »Processing of complex host blends in the
moth antennal lobe« Magna cum Laude
Franziska Beran defended her PhD thesis »Host preference and aggregation
behavior in the striped flea beetle *Phyllotreta striolata*« Magna cum Laude
 - 2012 **Elisabeth Eilers** defended her PhD thesis »Chemosensation and belowground host
plant finding in *Melolontha melolontha* L. larvae« Magna cum Laude
 - 2013 **Anna Späthe** defended her PhD thesis »The function of volatile semiochemicals in
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- host plant choice of ovipositing *Manduca* moths (Sphingidae)« Magna cum Laude
Cornelia Bühlmann defended her PhD thesis »Flexible use of multiple cues: Multimodal navigation in the desert ant *Cataglyphis*« Summa cum Laude
Antonia Strutz defended her PhD thesis »Odor coding strategies in the *Drosophila* olfactory circuit« Magna cum Laude
Merid Getahun defended his PhD thesis »Response dynamics in *Drosophila* olfaction« Summa cum Laude
Farhan Abu defended his PhD thesis »Odor guided behavior and its modulation in the fruitfly *Drosophila melanogaster*« Magna cum Laude
- 2014 **Jeanine Linz** defended her PhD thesis »Olfactory adaptations in drosophilid flies« Magna cum Laude
Hany Dweck defended his PhD thesis »*Drosophila* olfactory neuroecology - Function and Evolution« Summa cum Laude
Katrin Groh defended her PhD thesis »Analysis of antennal transcriptomes of hermit crabs comparing aquatic (*Pagurus bernhardus*) and terrestrial (*Coenobita clypeatus*) species« Magna cum Laude
Christine Mißbach defended her PhD thesis »Evolution of insect olfactory genes« Magna cum Laude
Latha Mukunda defended her PhD thesis »Function and regulation of insect olfactory receptors« Magna cum Laude
 - 2015 **Veit Grabe** defended his PhD thesis »Structural and functional analysis of the *Drosophila* antennal lobe« Magna cum Laude
Michael Thoma defended his PhD thesis »The valence of odors and odor mixtures in *Drosophila*« Magna cum Laude
 - 2016 **Christopher König** defended his PhD thesis »Chemosensory receptors in the tobacco hawkmoth *Manduca sexta*« Magna cum Laude
Shimaa Ebrahim defended her PhD thesis »Olfactory directed behavior in *Drosophila*« Magna cum Laude
 - 2017 **Fabio Miazzi** defended his PhD thesis »Functional properties of *Drosophila melanogaster* olfactory sensory neurons« Magna cum Laude
Alexander Haverkamp defended his PhD thesis »The chemosensory ecology of a foraging hawkmoth« Magna cum Laude
Christian Klinner defended his PhD thesis »Key players - Selected chemosensory sensilla in the tobacco hawkmoth *Manduca sexta*« Magna cum Laude
 - 2018 **Tom Retzke** defended his PhD thesis »How individual olfactory receptors affect olfactory guided behavior in *Drosophila*« Magna cum Laude
Elisa Schuh defended her PhD thesis »Sensing pheromones and host volatiles in moths and flies: From molecules to detection to odor-guided behavior« Magna cum Laude
 - 2019 **Ahmed Mohamed** defended his PhD thesis »HOlfactory information processing in the *Drosophila* brain« Magna cum Laude

Careers of the 31 PhDs produced as main supervisor

Name	Exam Presently
■ Peter Anderson	PhD 1995 Full Professor, SLU, Sweden
■ Samuel A Ochieng'	PhD 1997 Associate Professor, Tennessee State Univ, USA
■ Ruey-Jane Fan	PhD 2000 Assistant Professor, NCHU, Taipei, Taiwan
■ Rickard Ignell	PhD 2001 Full Professor, SLU, Sweden
■ Mattias Larsson	PhD 2001 Associate Professor, SLU, Sweden
■ Mikael A Carlsson	PhD 2003 Associate Professor, Stockholm Univ, Sweden
■ Lena Ansebo	PhD 2004 Project leader, SLU, Sweden
■ Marcus Stensmyr	PhD 2005 Associate Professor, Lund University, Sweden
■ Marcus Sjöholm	PhD 2006 Medical Doctor, Lund, Sweden
■ Majid Ghaninia	PhD 2007 Research Associate, Arizona State University, USA
■ Siju Kunhi Purayil	PhD 2009 Research Associate, Max Planck, Martinsried, Germany
■ Jonas Bengtsson	PhD 2010 Research Associate, Stockholm, Sweden
■ Irene Ibba	PhD 2010 Biologist, Wervel, Belgium
■ Kathrin Steck	PhD 2010 Research Associate, Champalimaud Centre, Lisbon, Portugal

■ Linda Kübler	PhD 2011	Senior project manager, PRA Health Sciences, Berlin, Germany
■ Franziska Beran	PhD 2011	Group leader, Max Planck, Jena, Germany
■ Elisabeth Eilers	PhD 2012	Research Associate, Free University, Berlin, Germany
■ Anna Späthe	PhD 2013	Research coordinator, FSU, Jena, Germany
■ Cornelia Bühlmann	PhD 2013	Marie Curie Postdoc, UK
■ Merid Getahun	PhD 2013	Research Associate, icipe, Nairobi, Kenya
■ Antonia Strutz	PhD 2013	Project coordinator, FU Berlin, Germany
■ Jeanine Linz	PhD 2014	Research Associate, ETH, Zürich, Switzerland
■ Hany Dweck	PhD 2014	Senior postdoc, Yale University, USA
■ Katrin Groh	PhD 2014	Non-scientific career, Jena, Germany
■ Christine Mißbach	PhD 2014	Research Associate, Max Planck, Jena, Germany
■ Latha Mukunda	PhD 2014	Research Associate, University of Konstanz, Konstanz, Germany
■ Veit Grabe	PhD 2015	Research Associate, Max Planck, Jena, Germany
■ Michael Thoma	PhD 2015	Research Associate, University of Auckland, New Zealand
■ Christopher König	PhD 2016	Non-scientific career
■ Shima Ebrahim	PhD 2016	Research Associate, Yale University, USA
■ Fabio Miazzi	PhD 2017	Research Associate, Max Planck, Jena, Germany
■ Alexander Haverkamp	PhD 2017	Research Associate, Wageningen University, The Netherlands
■ Christian Klinner	PhD 2017	Product specialist, Analytik Jena, Jena, Germany

PhD student honors

■ Cornelia Bühlmann	2014	Otto Hahn Medal
■ Hany Dweck	2015	Otto Hahn Medal
■ Merid Getahun	2018	Max Planck Partner Group

Hosting of post-doctoral fellows

■ 1993	Dr. Julie L. Todd from USA
■ 1993 – 1997	Dr. Sylvia Anton from Germany
■ 1996 – 1998	Dr. Elke Hartlieb from Germany
■ 1996 – 1999	Dr. Hong Lei from China
■ 1999 – 2000	Dr. Hui Xiang from China
■ 2000 – 2005	Dr. Jocelijn Meijerink from the Netherlands
■ 2001 – 2003	Dr. Takuma Takanashi from Japan
■ 2002 – 2004	Dr. Qian Han from China
■ 2002 – 2005	Dr. Teun Dekker from the Netherlands
■ 2003 – 2004	Dr. Niels Skals from Denmark
■ 2004 – 2005	Dr. Medhat Sadek from Egypt
■ 2004 – 2008	Dr. Holger Daniels from Germany
■ 2004 – 2007	Dr. Wiltrud Daniels from Germany
■ 2005 – 2008	Dr. Anna Balkenius from Sweden
■ 2007 – 2009	Dr. Johannes Stöckl from Austria
■ 2008 – 2009	Dr. Ana Beramendi from Sweden
■ 2008 – 2009	Dr. Subaharan Kesavan from India
■ 2006 – 2010	Dr. Marco Schubert from Germany
■ 2006 – 2011	Dr. Isabella Urru from Italy
■ 2006 – 2012	Dr. Yoichi Seki from Japan
■ 2006 – 2010	Dr. Ewald Große-Wilde from Germany
■ 2006 – 2012	Dr. Andreas Reinecke from Germany
■ 2006 – 2015	Dr. Sonja Bisch-Knaden from Germany
■ 2007 – 2011	Dr. Anna-Sara Krång from Sweden
■ 2007 – 2015	Dr. Sofia Lavista-Llanos from Argentina
■ 2007 – 2014	Dr. Shannon Olsson from USA
■ 2008 – 2009	Dr. Majid Ghaninia from Iran
■ 2008 – 2013	Dr. Vardanush Sargsyan from Armenia
■ 2009 – 2011	Dr. Giovanni Talarico, Germany
■ 2010 – 2011	Dr. Jawaid Ahsan from India
■ 2010 – 2011	Dr. Fernando Guerrieri from Argentina

■ 2010 – 2012	Dr. Irene Ibba from Italy
■ 2010 – 2012	Dr. Kathrin Steck from Switzerland
■ 2011 – 2014	Dr. Oksana Tuchina from Russia
■ 2012 –	Dr. Ian Keeseey from USA
■ 2012 – 2014	Dr. Sophie Kromann from Denmark
■ 2012 – 2015	Dr. Federica Trona from Italy
■ 2013 – 2015	Dr. Merid Getahun from Ethiopia
■ 2013 – 2017	Dr. Jaime Martinez from Chile
■ 2014 –	Dr. Sudeshna Das from India
■ 2014 – 2016	Dr. Hany Dweck from Egypt
■ 2014 – 2016	Dr. Jan Bello from USA
■ 2014 –	Dr. Richard Fandino from USA
■ 2014 –2017	Dr. Christine Mißbach from Germany
■ 2014 – 2016	Dr. Natalia Marquez from Chile
■ 2016 –	Dr. George Obiero from Kenya
■ 2017 – 2018	Dr. HuiLi Qiao from China
■ 2017 –	Dr. Jin Zhang from China
■ 2017 –	Dr. Ana Depetris from Argentina
■ 2017 –2018	Dr. Alexander Haverkamp from Germany
■ 2019 –	Dr. Hetan Zhang from China
■ 2019 –	Dr. Diego Galagowsky from Argentina
■ 2019 –	Dr. Yusuke Shiota from Japan
■ 2019 –	Dr. Xingcong Jiang from China

Careers of the 34 postdocs and group leaders leaving my laboratory and continuing within academia

Name	Time in lab	Presently
■ Julie L Todd	1993	Scientific editor, Penn State Univ, USA
■ Sylvia Anton	1993-97	Senior scientist, INRA, Versailles, France
■ Hong Lei	1996–99	Staff scientist, Univ of Arizona
■ Hui Chang	1999–2000	Professor, Guangzhou, China
■ Takuma Takanashi	2001–03	Chief Researcher, Tsukuba, Japan
■ Qian Han	2002–04	Professor, Hainan Univ, China
■ Teun Dekker	2002–05	Associate Professor, SLU, Sweden
■ Niels Skals	2003–04	Section Leader, Orbicon, Denmark
■ Medhat Sadek	2004–05	Professor, Vice Dean, Univ of Assiut, Egypt
■ Anna Balkenius	2005–08	Associate Professor, SLU, Sweden
■ Steffen Harzsch	2006–08	Professor (W2), Univ of Greifswald, Germany
■ Johannes Stöckl	2007-09	Full Professor, Univ of Giessen, Germany
■ Anna Beramendi	2008-09	Coordinator, Swedish Research Council, Sweden
■ Subaharan Kesavan	2008-09	Senior scientist, Central Plantation Crops Research Institute, Kerala, India
■ Majid Ghaninia	2008-09	Research associate, Arizona State University, USA
■ Marco Schubert	2006-10	Research associate, Free University of Berlin, Germany
■ Ewald Grosse-Wilde	2006-10	Group leader, Max Planck Inst Chem Ecol, Jena, Germany
■ Fernando Guerrieri	2010-11	Assistant professor, University of Tours, France
■ Jawaid Ahsan	2010-11	Assistant Professor, University of Patna, India
■ Giovanni Talarico	2009-11	Assistant head of department, University of Greifswald, Germany
■ Anna-Sara Krång	2007-11	Marie Curie postdoc, Gothenburg University, Sweden
■ Andreas Reinecke	2006-12	Research Associate, Max Planck Institute for Ornithology, Seewiesen, Germany
■ Yoichi Seki	2006-12	Assistant Professor, Tokyo University of Pharmacy and Life Sciences, Japan
■ Kathrin Steck	2010-12	Research Associate, Champalimaud Institute, Lisbon, Portugal
■ Irene Ibba	2010-12	Work in industry, Belgium
■ Vardanush Sargsyan	2008-13	Parental leave
■ Marcus Stensmyr	2006-13	Associate Professor, Lund University, Sweden
■ Oksana Tuchina	2011-14	Postdoctoral fellow, Immanuel Kant Federal University, Kaliningrad, Russia
■ Shannon Olsson	2007-14	Group Leader, NCBS, Bangalore, India

▪ Federica Trona	2012-15	Teacher, Italy
▪ Merid Getahun	2013-15	Research Associate, icipe, Kenya
▪ Sonja Bisch-Knaden	2006-15	Project leader, Max Planck Inst Chem Ecol, Jena, Germany
▪ Sofia Lavista-Llanos	2007-15	Project leader, Max Planck Inst Chem Ecol, Jena, Germany
▪ Hany Dweck	2014-16	Senior postdoc, Yale University, USA
▪ Jan Bello	2014-16	Postdoc, Braunschweig University, Germany
▪ Alexander Haverkamp	2017-18	Postdoc, Wageningen University, The Netherlands

5. Administrative credentials

Work in the research community

- **Member of**
 - the committee for environment and science at the Swedish International Development Agency 2005 - 2012.
 - the Consultative Group for International Agriculture 2006–2009.
 - the committee for organismic biology at the Swedish Research Council 2002–2003.
 - the scientific board of the Delwart Foundation of the Royal Belgian Academy of Science.
 - the Natural Sciences Committee at the Swedish Science Research Council 2000.
 - the National Committee for Biology of the Royal Swedish Academy of Sciences.
- **Vice chairman** of the board of council supported researchers (Rådsforskarnämnden, RFN) 1996 – 1999. This board acts as a committee within the Swedish Natural Science Research Council. Deputy member of the same board 1999 – 2002.
- **Member of** the board of the Department of Ecology, Lund University. I was full member 1997–2001. Deputy member during the preceding three-year period.
- **During 1998–2001** member of three committees at the Department of Ecology. These committees investigated the reorganisation of the Department, future directions in the departmental research and room redistribution within the large Department of Ecology. Chairman of the room committee.
- **2001–2006** Head of the Chemical Ecology Division, Dept of Crop Science, SLU.
- **2002–2003** Vice Head of Department especially responsible for questions relating to information at Department of Crop Science, SLU.
- **2003-** Member of the Editorial board of Journal of Insect Physiology
- **2003–2006** Associate Dean of the Faculty for Landscape planning, Horticulture and Agricultural Science, with specific responsibility for research and graduate studies
- **2003–2006** Member of the Dean Group of the LTJ faculty
- **2004–2005** Had one of the leading roles in formulating the LTJ faculty's new strategy
- **2006–** Member of the Governing Council of the International Centre for Insect Physiology and Ecology, Nairobi, Kenya
- **2008– 2016** Member of the Executive Board of the International Centre for Insect Physiology and Ecology, Nairobi, Kenya
- **2013– 2016** Chairman of the Governing Council of the International Centre for Insect Physiology and Ecology, Nairobi, Kenya
- **2014–** Member of Leaders in Higher International Research Organisations (HIROs)
Member of the board of eLife
- **2015** Chairman of the review committee of Distinguished Professor evaluation for the Swedish Research Council (VR)
- **2015** Member of the DFG committee evaluating „Kooperationsstelle EU“

Work within the Max Planck Society

- **2008** Berufungskommission Hirnforschung
- **2009 – 2014** Member of the Perpektivenkommission
- **2009** Berufungskommission Infektionsbiologie
- **2011 – 2014** Member of the President's EU-group
- **2011 – 2014** Managing Director MPICE
- **2011** Berufungskommission Infektionsbiologie
- **2011 – 2012** Berufungskommission Biology of Sleep

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- 2012 – 2014 Max Planck Society „Arbeitskreis zur Förderung von Wissenschaftlerinnen in der MPG“
 - 2012 – 2014 Max Planck Society commission for improved central services (PAAR)
 - 2012 – 2013 Berufungskommission Hirnforschung
 - 2013 – Berufungskommission Max Planck Groupleader Biology of Ageing
 - 2014 – **Vice President** with very many tasks within the Society
 - 2014 –2015 Chairman of the PhD student and postdoc remuneration group (reformed the remuneration system)
 - 2014 - 2016 Chairman of the advisory committee for construction and infra structure
 - 2014 - Chairman of the advisory committee for internationality
 - 2015 - Chairman of the advisory committee for communication and crisis management
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