

Svante Winberg
Dept. of Neuroscience
Uppsala University

Curriculum vitae for Svante Winberg

Born: September 2, 1958. Örebro, Sweden (Swedish reg.no.:580902-6619)
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Education and examinations

1. Bachelor of Science, Uppsala University 1988
2. Doctor of Philosophy (PhD) in Zoological Physiology at Uppsala University, 1993
3. Associate professor (docent) in Animal Development and Genetics, Uppsala University, 1997

Employment and engagement history

1. Postdoc. Scholarship from the Swedish Council for Forestry and Agricultural Research for research in Prof. Russell Fernald's lab. at Department of Psychology, Stanford University, California, 1 July 1993 - 1 July 1994. The project was focused on the role of monoamine neurotransmitters in the social control of sexual maturation in the cichlid fish, *Haplochromis burtoni*.
2. Researcher (forskartjänst) at the Department of Limnology, Uppsala University, 1 July 1994 - 31 December 1996, and from 1 January 1997 – 1 December 2005 at the Department of Comparative Physiology, Uppsala University. The salary was paid from my main grant (Swedish Council for Forestry and Agricultural Research).
3. Lecturer (universitetslektor, 50%) at the Evolutionary Biology Centre, Department of Comparative Physiology, Uppsala University, 1 January 2000 – 1 December 2005.
4. Researcher (forskartjänst 20%) at the Department of Comparative Physiology, Uppsala University, 1 December 2005 – 30 June 2007. During the period 1 July 2007 – 1 April 2008 this position was extended to 100%. The salary was paid from my main grant (Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning) and from Uppsala University (for teaching).
5. Professor at the Department of Basic Science and Aquamedicine, Norwegian School of Veterinary Science, Oslo, Norway, 1 December 2005 – 1 July 2007 (permanent position).
6. Professor at the Department of Neuroscience, Uppsala University 1 April 2008 – present (permanent position)

Supervisor experience

PhD (Fil dr) exams

To date, seven doctorate students have graduated with me as their principal supervisor.

1. Erik Höglund. Thesis title: Neuroendocrinology of Agonistic Interaction and Social Signalling in Arctic charr (*Salvelinus alpinus*). Thesis defended 30th of March 2001.
2. Øyvind Øverli. Thesis title: Behavioural and Neuroendocrine Effects of Stress in Salmonid Fish. Thesis defended 4th of May 2001.
3. Olivier Lepage. Thesis title: Dietary L-tryptophan suppresses aggression and stress responsiveness in juvenile rainbow trout (*Oncorhynchus mykiss*): The role of brain serotonin and plasma melatonin. Thesis defended 9th of October 2004.
4. Joachim Schjolden. Thesis title: Stress coping strategies in rainbow trout (*Oncorhynchus mykiss*). Thesis defended 9 December 2005.
5. Tobias Backström. Thesis title: Roles of arginine-vasotocin and corticotrophin-releasing hormone in stress responses and agonistic behavior of rainbow trout. Thesis defended 19 March 2008.
6. Daniel Brelin. Thesis title: Stress coping strategies in brown trout (*Salmo trutta*): Ecological

significance and effects of sea-ranching. Thesis defended 18 April 2008.

7. Maamun Jeneby. Thesis title: Haemoproteoan parasites of non-human primates in Kenya: Studies on prevalence and characterization of haemoproteoan parasites of wild-caught baboons, African green monkeys and Syke's monkeys. Thesis defended: 10 May 2011.
8. Josefin Dahlbom. Thesis title: Bully or bullied? The zebrafish as a model for social stress and depression. Thesis defended: 2 October 2013.
9. Arianna Cocco. Thesis title: The g-aminobutyric acid and proton signaling systems in the zebrafish brain. Characterization and the effect of stress. Thesis defended: 9 June 2018.

I am at present the principal supervisor of 3 PhD students

1. Laura Vossen (since 1 August 2013)
2. Arshi Mustafa (since 1 June 2015)
3. Johanna Axling (since 1 June 2015)

Postdocs and research associates working in my lab

1. Per-Ove Thörnqvist 1 January 2000 – present (salary paid from funding from FORMAS)
2. Joachim Schjolden 1 June 2006 – 2010 (Norwegian School of Veterinary Science)
3. Josefin Sundin 1 Jan 2014 – January 2018
4. Fredrik Jutfelt 1 Jan 2015 – 1 June 2015 (salary paid from The Swedish Research Council)

Refereeing and editing

International journals:

I regularly review books and manuscripts (ca 30 per year) for international journals.

I have reviewed grant applications for:

The Science and Engineering Research Council, Animal Science and Psychology, UK, The National Science Foundation (NSF), USA, The Norwegian Research Council, Natural Environment Research Council (NERC), UK, The South African Research Council, The Austrian research Council, The Research Council of Israel.

Other commissions

1. Evaluation of 1 lecturer (förste amanuensis) position at University of Tromsø, Norway.
2. Evaluation of 1 lecturer (universitetslektor) position at Karlstad University, Sweden
3. Evaluation of 1 professor position at the University of Ottawa, Canada
4. I was the chairman of the organizing committee for the VIII International Symposium on Fish Physiology held in Uppsala August 15-18, 1998.
5. I was a member of the peer review committee for the program of Fish Biology, Fisheries and Aquaculture 2001-2004 and a member the committee for the program of Veterinary Medicine 2005 at the Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS).
6. I am a member of the peer review committee for the program of Organism Biology, The Swedish Research Council (VR-NT).
7. I was a member of the peer review committee for the program of Alternatives to animal experiments according to the 3R principle, The Swedish Research Council during 2014, and during the period 2015-2017 the chairman of this committee.
8. Since 2012 I am a member of the program committee for the physiotherapist education at Uppsala University.

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Publications: 121 publications, 5046 citations, h-index=42 (ISI Web of Science 11 Sept 2018)
7042 citations, h-index=50, i10-index=93 (Google scholar 11 Sept 2018)

List of publications: <http://scholar.google.se/citations?user=ebEE7EsAAAAJ>