Kerstin Persson Waye (1959 03 30), PhD fac. med., Professor
Occupational and Environmental Medicine, Sahlgrenska Academy, University of Gothenburg
Three children, born 1987, 1990, and 1998. Parental leave about 4 years,
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Professional Preparation

UNDERGRADUATE STUDIES

1979	Certificate of Proficiency in English, University of Cambridge
1982	Public Health and Environmental Protection, BSc, Umeå University 1982.

GRADUATE STUDIES

	A total of 60p (60 weeks) in statistics, epidemiology, environmental medicine, environmental sciences.
1995	PhD thesis, Doctor of medical faculty. "On the effects of environmental low frequency noise". Department of Environmental Medicine, University of Gothenburg. 17 March 1995.

Post doc studies

2012	Handledning för erfarna handledare 5 HP Göteborgs universitet.
1999	Leadership development program: "Community, integration, leadership"
1999	Scientific guidance
2000	Pedagogical continuation course for teachers at the medical/odontol faculty
2003	PhD guidance, Aalborg University, Denmark

Appointments (last 10years)

090510	Professor, Environmental Medicine, specifically noise research
060313	Docent, Environmental Medicine
031101-090510	Associate professor, Department of Environmental Medicine, University of Gothenburg.
020901-031101	"Post doc position" Associate professor, Department of Acoustics, Aalborg University, Denmark fulltime; 031101-050228 part time.
020401-020830	Temporary post as associate professor, Department of Environmental Medicine, University of Gothenburg.
1995-2002	Assistant professor Department of Environmental Medicine, University of Gothenburg

RESEARCH DIRECTION:

Research leader for the Sound Environment Research Unit at Occupational and Environmental Medicine, www.amm.se/soundenvironment, Experimental and Epidemiological studies within human response to sounds
Publications and popular scientific presentation. 42 peer reviewed articles, 11 review articles and book chapters, 86 conference proceedings many invited papers. Produced several popular scientific papers, arranged several seminars and presentations for endusers.

DISTINGUISED KEYNOTE LECTURES:

"Perception and environmental impact of wind turbine noise". In the 28th International congress and exposition of noise control engineering Inter-Noise 2009, Ottawa, Canada.
"Hospital soundscape from a personnel and patient perspective". Invited speaker at Inter-Noise 2013, Innsbruck.
"Caring for the sound environment in hospitals - a health issue for patients and staff" Australian Society of Acoustics, Nov 2013.
"A sound environment for care" Danish Acoustics society meeting, Copenhagen 2014.

SUPERVISION OF PHD STUDENTS:

Principal supervisor:
Johanna Bengtsson. On the effects of low frequency noise (May 2003).
Eja Pedersen. Human response to wind turbine noise (June 2007).

Ongoing: Sofie Fredriksson. Hearing and hearing health in communication intensive work environments.
Michael Smith, The impact on sleep of environmental noise and vibration
Assistant supervisor: Christian Sejer Pedersen. Human hearing at low frequencies with focus on noise complaints, Aalborg University (Febr 2008).
Ongoing assistant supervisor: Nikolas Vardaxis. Acoustic comfort in buildings.

FACULTY OPPONENT/EXTERNAL EXAMINER AND EXAMINATION

Jessica Ljungberg, PhD Thesis: Psychological responses to noise and vibration, Dept of Public Health and Clinical medicine, Occupational Medicine, Umeå University, 2007-11-24.
Tim Hsu, PhD thesis: Acoustics and Human Outcome Measures in Hospitals, Georgia Institute of Technology, Woodruff School of Mechanical Engineering, USA, 2012-03-08.
Eulalia Peris, PhD thesis: Human Response to Railway Vibration in Residential Environments: Exposure-Response Relationships and Modifying Factors, Salford University, UK, 5th of Sept 2012.
Hans Pettersson, PhD thesis: Risk of hearing low from combined exposure to hand-arm vibrations and noise. Dept of Public Health and Clinical Medicine, Occupational Medicine, Umeå University.
Licentiate opponent for Anders Sköld, licentiate Chalmers Technical University. Annoyance, quality- and safety aspects of sound in truck cabins, 2006-05-26.

NATIONAL EXPERTISE COMMISSIONS

Engaged as national expertise to write the scientific basis for noise recommendations by the National Board of Health and Welfare and by the Swedish Work Environment Authority. Was responsible for the low frequency noise recommendations adopted in SOSFS1996:7 (rev 2005:6) and in AFS 2006:16.

INTERNATIONAL AND NATIONAL ADMINISTRATIVE COMMISSIONS

Member of the WHO Guideline development Group, developing revised guidelines on noise for Europe 2014-2015,
Member of Council of Canadian Academies' Expert panel on Wind turbine noise and Human Health.

Editorial board, J Low Frequency Noise Vibration and Active Control. Reviewer of several journals. Member of the board of the Swedish Acoustic Society. Local organizer of International Conference on Low Frequency Noise and Vibration, Gothenburg. Part of organization committee for the international conferences on wind turbine noise, Berlin 2006, Lyon 2007, and Forum Acousticum 2011. Session organizer in several international conferences.

POST DOC STIPENDIATES

2006-2007 The H.V. Hunt fellowship Stipendiate, Erica Bowden, USA (one stipendiate per year)
2007-2009 The Swedish Rearch Council Stipendiate (VR post doc), Fredric Lindström.
2012-2013 Maria-Reiche Schoolarship, Ilona Croy.

VISITING RESEARCHER: Irene v Kamp, 2011-2015, RIVM Holland

NETWORKS AND MEMBERSHIPS IN ACADEMIA AND INDUSTRY

Professor Angela Clow and Dr Stephen Benton, Department of Psychology ("The Human Factor Research group") University of Westminster in London,UK. Professor Dorte Hammershoi, Dep of acoustics, AKUNET, Ålborgs University, Denmark. Network of occupational noise in Sweden, Member of Health care Acoustic Research Team (HART), USA. European Acoustic Society, American Acoustic Society and Board member of Swedish Acoustic Society, SAS.

TEACHING: Medical students, environmental health students, Gothenburg University, Master programs in Acoustics at Chalmers University, Gothenburg. Lecturer for several professions and organisations.
Lecturer at EAA Summer schools for young researchers.

Obtained larger fundings 2008-2015 FAS = The Swedish Council for Working Life and Social Research; FORMAS= The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning; STEM= Swedish Energy Agency; ALF=sjukvårdsrelaterad forskning, Göteborg; HRF =Hörselskadefonden

ALF 2008 - 2010.	Studies of noise-induced symptoms – Adverse effects on voice, hearing, performance, cardio-vascular diseases, stress and restoration	1 101 000:-
HRF 2009-2011	Working within a communication intensive workplace with high noise levels, implications for staff with hearing loss	110 000:-
FAS 2009 - 2012	Noise induced symptoms among children and staff at the preschool – influence of activity performed and actions undertaken of the physical environment	3 700 000:-
ALF 2011-2013.	Noise induced symptoms - effects on sleep and recovery, hearing, voice, work capacity and cardio-vascular outcomes	1 125 000:-
EU FP7 2011-13	Cargovibes - Human response to ground-borne vibration affecting residents near railway lines	552347 Euro
GU 2011-2012	Gothenburg University Visiting researcher: Noise and Health in Children	300 000 :-
FAS 2012-2013	Guest Researcher: Noise and health for children and adults - epidemiological methodology	510 000 :-
FAS 2012-2015	Hearing, health and moderating factors –a cohort study among pre-school personnel	3 150 000:-
HRF/ Tysta skolan	Investigations of how the preschool environment affects children's hearing	200 000:-
FORM14-15	Investigations of how the preschool environment affects children's hearing	200 000:-
Trafikv 15	Wind turbine noise and fysiological effects on sleep	4 436 000
	Vibration thresholds for sleep disturbance	1 500 000:-
Trafikv 15	The impact on health of vibration	3 900 000