

CURRICULUM VITAE

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WIFE: Fides Küng Straumann

CHILDREN: Linus (*1995), Michael (*1998)

EDUCATION:

1969-82	Schools in Switzerland and USA
1980	High School Diploma (Las Cruces, New Mexico, USA)
1982	Maturity Type A, Kantonsschule Baden
1982-84	University of Fribourg (Preclinical Medical School)
1984-88	University of Zürich (Medical School)

DIPLOMA AND CERTIFICATES:

1988	Federal Medical Diploma, University of Zürich
1989	M.D., Psychiatric University Hospital of Zürich, “Sogenannte Minussymptome bei chronischer Schizophrenie”
1996	Neurologist (Diploma of the Foederatio Medicorum Helveticorum)
1997	Habilitation, Lecturer of Neurology (Privatdozent), University of Zürich, “Physiological and pathophysiological properties of three-dimensional ocular kinematics”
2000	Certificates for EEG (No. 213), ENMG (No. 140), and Neurosonography (No. 63), Swiss Society for Clinical Neurophysiology
2003	Professor of Neurology (Titularprofessor), University of Zürich
2005	Re-certification of EEG and ENMG, Swiss Society for Clinical Neurophysiology

2009 Re-certification of Neurosonography, Swiss Society for Clinical Neurophysiology

POSITIONS:

1989-91 Postdoctoral Fellow, Vestibulo-Oculomotor Laboratory (Prof. V. Henn), Neurology Department, Zürich University Hospital

1991-92 Resident, Department of Internal Medicine (Dr. Ch. Hess), Bezirksspital Affoltern am Albis

1992-94 Resident (1 year EEG-unit, Prof. H.G. Wieser), Neurology Department (Prof. V. Henn), Zürich University Hospital

1994-95 Research Fellow, Ocular Motor-Vestibular Testing and Research Laboratory (Prof. D.S. Zee), Neurology Department, Johns Hopkins Hospital, Baltimore, USA

1995 Resident, Neurology Department (Prof. K. Hess), Zürich University Hospital

1996 Resident, Neurosurgery Department (Prof. Y. Yonekawa), Zürich University Hospital

1996-97 Resident, EMG unit, Neurology Department (Prof. K. Hess), Zürich University Hospital

1997-98 Oberassistent, Neurology Department (Prof. K. Hess), Zürich University Hospital

since 1998 Head of the Clinical Vestibulo-Oculomotor Laboratory, Neurology Department (Prof. K. Hess), Zürich University Hospital

1998-03 SCORE-A-scholar of the Swiss National Science Foundation

1998-03 Visiting Scientist, Ocular Motor-Vestibular Testing and Research Laboratory (Prof. D.S. Zee), Neurology Department, Johns Hopkins Hospital, Baltimore, USA (2-3 months in 1998, 1999, 2001, 2003)

1998-05 Oberarzt, Neurology Department (Prof. K. Hess), Zürich University Hospital

since 2004 Head of the Interdisciplinary Center for Vertigo and Balance Disorders of the Departments of Neurology, ENT, and Psychiatry, Zurich University Hospital (together with S. Hegemann, M.D., ENT, and M. Rufer, M.D., Psychiatry)

since 2005 Leitender Arzt a.i., Neurology Department (Prof. K. Hess; since Jan. 2008: Prof. M. Weller), Zürich University Hospital

since 2008 Leitender Arzt, Neurology Department (Prof. M. Weller), Zürich University Hospital

FELLOWSHIPS AND AWARDS:

1992 McDonnell Foundation, Summer Institute in Cognitive Neuroscience, Dartmouth Medical School, USA

1994 Fellowship of the Schweizerische Stiftung für Medizinisch-Biologische Stipendien: Research Fellow, Johns Hopkins Hospital, Baltimore, USA

1995 Ellermann award of the Swiss Neurological Society

1998 SCORE-A-fellowship (Swiss Clinicians Opting for Research) of the Swiss National Science Foundation (duration 5 years)

1998 Georg Friedrich Götz award of the Medical Faculty of the University of Zurich

2002 Hallpike-Nylen Medal of the International Bárány Society

MEMBERSHIPS:

Society for Neuroscience
Swiss Society for Neuroscience
Swiss Neurological Society
International Bárány Society
Swiss Society for Clinical Neurophysiology
Zürich Neurological Society
Neuroscience Center Zürich
American Neurological Association (by invitation)
Center of Clinical Research, University of Zürich
Swiss Ophthalmologic Society
Center for Integrative Human Physiology, University of Zürich

MAJOR COMMITTEES:

since 2000 task force, Brain Fair Zürich, University of Zürich and ETH
2002-06 steering committee, Neuroscience Center Zurich, University of Zürich and ETH
since 2005 committee PhD-program, Center of Integrative Human Physiology, University of Zürich
since 2008 steering committee, Zürich Neurological Society
since 2008 chair of the neuro-ophthalmology & neuro-otology scientist panel of the European Federation of Neurological Societies (EFNS)
since 2009 Associate Editor, Swiss Archives of Neurology and Psychiatry

RESEARCH INTERESTS: normal and abnormal ocular motor and vestibular physiology

ACTIVE RESEARCH GRANTS:

1998-2010 Swiss National Science Foundation, 'Three-dimensional kinematical analysis of ocular motor disorders in humans', principal investigator
2009-12 Swiss National Science Foundation, 'Pathophysiology of the ocular motor integrator - Alexander's law', co-investigator (principal investigator: S. Hegemann)
2007-09 Hartmann-Müller Foundation, Roche Foundation & Koetser Foundation for Brain Research, 'Adaptive mechanisms of cerebellar eye movements: an fMRI study of afternystagmus induced by asymmetric smooth pursuit stimulation in healthy subjects and cerebellar patients', principal investigator (co-investigators: B. Weber, S. Marti)
2007-09 Center of Integrative Human Physiology, University of Zürich, 'Gaze control during obstacle walking', principal investigator (co-investigators: V. Dietz, C.J. Bockisch, H.J.A. van Hedel)
2007-09 Bonizzi-Theler Foundation, 'Otolith function and perception of verticality in cerebellar disorders', co-investigator (principal investigator: S. Marti)

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