

## Personal Details

Hartikainen Kaisa M.

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### 1. Degrees

**Neurologist** University of Tampere, Finland, 5.7.2011  
**Title of Docent** Experimental Neurology, Tampere University, Finland, 10.3.2011  
**Ph.D.** University of Tampere, Finland, 22.8.1996  
**Medical Doctor (M.D.)** University of Tampere, School of Medicine, Finland, 20.6.1996

### 2. Merits in Evaluations for Full Professorships

Competence for a full professor position in neurology, memory disorders and physiology

Evaluations for a position of a full professor:

#### Competence as a full Professor of Physiology, University of Tampere, Finland 2013

-1st ranking candidate, evaluated by one of the international expert reviewers from Karolinska Institutet, Stockholm, Sweden

#### Competence as a full Professor of Neurology, University of Tampere, Finland 2016

-1st ranking candidate, evaluated by the international expert reviewer from Munich Center for Neuroscience - Brain and Mind, Germany

-1st ranking candidate, evaluated by the international expert reviewer from UCL, Institute of Neurology, United Kingdom

#### Competence as a full Professor of Memory Disorders, University of Helsinki, Finland 2018

-1st ranking candidate, evaluated by the international expert reviewer from the University of Dublin, Ireland

-1st ranking candidate, evaluated by the international expert reviewer from the University of Oxford

-2nd ranking candidate, evaluated by the international expert reviewer from University of Gothenburg, Sweden

#### Competence as a full Professor of Neurology, Oulu University, Finland 2022

-1st ranking candidate, evaluated by the international expert reviewer from Uppsala University, Sweden

- -1st ranking candidate, evaluated by the international expert reviewer from Imperial College, London, UK

- -1st ranking candidate, evaluated by the international expert reviewer from CHU de Grenoble, France

### 3. Current Employment

2011- Head of Behavioral Neurology Research Group, Pirkanmaa Hospital District

2016- Neurologist, Lecturer, Consultant, Aivoima, Mehiläinen, Tampere

2022- Leading expert, National Brain Health Programme, Finnish Brain Association, National Brain Health Programme

### 4. Highlighted Work Experience

2011-2016 Academy Research Fellow, Founder and Head of Behavioral Neurology Research Unit, Tampere Univ. Hospital

2005-2008 Assistant Professor, Dept. of Physiology, University of Tampere, School of Medicine, Tampere, Finland

2001-2003 Assoc. Specialist, Dept. of Psychology and Helen Wills Neuroscience Inst., University of California Berkeley, USA

2000-2001 Post-doctoral fellow/clinician Memory and Aging Center, Dept. of Neurology, University of California, San Francisco, USA

1998- 2001 Postdoc. Fellow, Human Neurobiology Laboratory, Dept. of Psychology, University of California, Berkeley, USA

1997-1998 Postdoc. Fellow, Cognitive Neuroscience, Dept. of Neurology, University of California, Davis, USA

### 5. Highlighted Research Funding

European Union Social Fund/ Finnish Social and Health Ministry

1.3.2020-30.8.2023 265 000€ *Sustainable brain health*, Behavioral Neurology Research Unit, Pirkanmaa Hospital District

Academy of Finland (Principal Investigator K.M. Hartikainen)

1.9.2017-30.08.2021 302 932€ Clinician Researcher Funding: *Cognitive flexibility and emotion-attention interaction as indicators of brain health*, Behavioral Neurology Research Unit, Pirkanmaa Hospital District, Tampere, Finland

Academy of Finland (Principal Investigator K.M. Hartikainen)

1.9.2011-31.08.2016 973 975€ Academy Research Fellow Funding: *Understanding, Assessing and Rehabilitating Cognitive, Affective and Behavioral Dysfunction Due to Neurological Disorders*, Pirkanmaa Hospital District, Tampere, Finland

Academy of Finland (Post-doctoral funding for project in USA)

1998-1999 136 800 FIM, 1998 *The Effect of Attention on Brain Rhythms* University of California, Davis, Department of Neurology, 1999 *Emotion Attention Interaction and Brains Oscillatory Activity*, University of California, Berkeley, Department of Psychology, Helen Wills Neuroscience Institute

### 6. Research output

1989-2021 Authorship in 49 scientific original publications with 19 first, 4 second and 17 last authorships indicating a major role in most of the publications.

73 Research Abstracts with novel experimental research results reported in each. Poster or oral presentations in national and international conferences either by Hartikainen or students supervised by her.

## 7. Research supervision and leadership

- 2008-2022 3 supervised PhD thesis, 3 ongoing PhD supervisions, 5 supervised master's thesis, 14 supervised medical thesis, 1 ongoing medical thesis supervisions  
2012-2023 PI and Head of Behavioral Neurology Research Unit, at Tampere University Hospital

## 8. Merits in Teaching and Pedagogical Competence

### Evaluated Lecture

- 2005 Fetal Circulation and its Changes at Birth. Grade: Very Good (Assistant Professor at University of Tampere)

### Lecturer/Instructor

- 2006-2013 Visiting Lecturer, Anatomy and Physiology, Tampere University of Technology  
2006-2009 Asst. Professor, Physiology, University of Tampere, School of Medicine  
2004 Instructor, Basic Neurology for Medical Students, University of California, San Diego, USA.  
Teaching evaluation from the students: Excellent

### Planning, instructing courses, teaching evaluations, creating new learning environments

- 2017-2022 In charge of planning and instructing variety of intensive courses to health care professionals  
2006-2007 As an Assistant Professor of Physiology in Tampere University, School of Medicine, Tampere, Finland  
2007-2009 As a member of the Academic Council, University of Tampere, School of Medicine, Tampere, Finland  
2012 Established new learning environment, Behavioral Neurology Research Unit, in Finland in Tampere University Hospital (<http://www.uta.fi/med/en/research/behavioralneurology/index.html>).

## 9. Awards Prizes and Honours

- 2006 Instructor of the Year, Medical Students Association (TLK), University of Tampere, School of Medicine, Finland

## 10. Other Academic Merits

### Monitor/Expert position

- 2017-2020 EU Horizon 2020 funded project monitor/expert

### Grant Reviewer

- 2019 Research grant reviewer, Israel Science Foundation  
2016 Research grant reviewer, International Neuroinformatics Coordinating Facility (INCF)  
2015 Research grant evaluator, Freiburg Institute for Advanced Study (FRIAS) Univ. of Freiburg and Univ. Strasbourg

### PhD Opponent

- 2017 Elina Hakkarainen: *Cognitive and motor processing in mild spastic cerebral palsy: An event-related potential study.*  
University of Groningen, Netherlands

### PhD Reviewer

- 2023 Jussi Tallus: *New Neurophysiological and Imaging methods for detection of microstructural changes in mild traumatic brain injury.* University of Turku  
2022 Marjo Nuottamo: *Migraine with aura – genetic susceptibility variants.* University of Helsinki  
2017 Heidi Jurvelin: *Transcranial bright light – the effect on human psychophysiology.* University of Oulu  
2016 Elina Hakkarainen: *Cognitive and motor processing in mild spastic cerebral palsy: An event-related potential study.*  
University of Groningen, Netherlands  
2015 Eila Sonkajärvi: *Brain's Electrical Activity in Deep Anaesthesia – With special reference to EEG burst-suppression*  
University of Oulu, Medical School

### Conference Reviewer/Member of Scientific Committee

- 2012 International Neuropsychological Society (INS) meeting 2012/11th Nordic Meeting in Neuropsychology, Oslo, Norway

### Editorial positions

Associate Editor for *Frontiers in Human Neuroscience*

### Peer-Review Journal Reviewer

*Journal of Cognitive Neuroscience*, *Brain and Cognition*; *Cognition and Emotion*; *Cognitive Brain Research*; *Experimental Brain Research*; *Journal of Behavioral and Brain Science*; *Journal of Cognitive Psychology*; *Neuroscience*; *Psychophysiology*; *Scandinavian Journal of Psychology*; *Scientific Reports*

### International Invited Lectures

Several invited lectures in international conferences, high-ranking universities and hospitals such as MIT, McGovern Institute for Brain Research, Boston, USA, Massachusetts General Hospital, Boston, USA, Stanford University, Dept. of Psychiatry, Palo Alto, USA, University of California, Berkeley, Dept. of Psychology, Berkeley, USA, University of California, San Francisco, Dept. of Neurology, San Francisco, USA

### Positions of Trust

- 2007-2009 Member of the Academic Council, University of Tampere, School of Medicine public and to health care professionals.