

## CURRICULUM VITAE

Maija S. Peltola, PhD, Professor  
19.1.2022

### PERSONAL INFORMATIO

**Name** Maija Sisko Peltola (Pienimäki)  
**Date and place of birth** 26.1.1974 Kouvola  
**Current post** Professor, Phonetics, Faculty of Technology, University of Turku

### DEGREES AND LANGUAGE SKILLS

**Docent/Adj. prof.**, Phonetics, University of Turku, 14.2.2007-30.11.2019  
**Doctor of Philosophy**, Phonetics, University of Turku, 26.9.2003  
**Licentiate of Philosophy**, English philology, University of Turku, 31.5.1999  
**Master of Arts**, English philology, University of Turku, 22.10.1998  
**Language skills:** Finnish: native, English: excellent, French: good, Swedish: good, German, Spanish, Latin: basics

### PREVIOUS POSITIONS

Associate professor, Phonetics, Faculty of Humanities / Faculty of Science and Technology, University of Turku, 1.12.2015 - 30.11.2019  
Adj. professor in Phonetics, University of Turku, 14.2.2007 – 31.11.2019  
Head of Phonetics, University of Turku, 1.8.2006 –  
Lecturer in Phonetics, University of Turku, 1.5.2006 – 31.11.2015  
Senior researcher, PI, Academy of Finland, 2004 – 2006  
Senior researcher, University of Turku, 1.1. – 31.7.2003  
Lecturer, University of Turku, 2001 – 2003  
Grant researcher, Finnish Cultural foundation, 1.8.1999 – 31.12.2000  
Assistant, English philology, University of Turku, 1.8.1998 – 31.7.1999

### PUBLICATION ACTIVITIES

#### Most significant publications:

Tamminen, H., Kujala, T., Näätänen, R. & Peltola, M.S. Aging and non-native speech perception: a phonetic training study, *Neuroscience Letters*, Accepted.

Saloranta, A., Alku, P., & Peltola, M. S. (2020). Listen-and-repeat training improves perception of second language vowel duration: Evidence from mismatch negativity (MMN) and N1 responses and behavioral discrimination. *International Journal of Psychophysiology*, 147: 72–82.

Peltola, K. U., Tamminen, H., Alku, P., Kujala, T. and Peltola, M. S. (2020) Motoric training alters speech sound perception and production – active listening training does not lead into learning outcomes. *Journal of Language Teaching and Research* 11(1): 10-16.

Tamminen, Henna, Peltola, Maija S., Toivola, Heidi, Kujala, Teija and Näätänen, Risto (2013) "Phonological processing differences in bilinguals and monolinguals", *International Journal of Psychophysiology*, 87: 8-12.

Peltola, Maija S., Tamminen, Henna, Toivola, Heidi, Kujala, Teija and Näätänen, Risto (2012) "Different Kinds of Bilinguals - Different Kinds of Brains: the neural organization of two languages in one brain", *Brain and Language* 121: 261-266.

Peltola, Maija S. and Aaltonen, Olli (2007) "Long-term memory trace activation for vowels depends on the mother tongue and the linguistic context". *Journal of Psychophysiology* 19(3):159-164.

Peltola, Maija, S., Kujala, Teija, Tuomainen, Jyrki, Ek, Maria, Aaltonen, Olli and Näätänen, Risto (2003) "Native and foreign vowel discrimination as indexed by the mismatch negativity (MMN) response". *Neuroscience Letters* 352: 25-28.

#### Most significant referee duties:

Frontiers in Human Neuroscience, 2019, 2020; International Journal of Psychophysiology, 2019; Current Trends in Neurology, 2019; Language, Cognition and Neuroscience, 2018; Brain and Language, 2017; Nature, 2015; Psychophysiology, 2011, 2012, 2013, 2015; Journal of Experimental Brain Research, 2011; Journal of Cognitive Neuroscience, 2008; Neuroscience Letters, 2004, 2005, 2010, 2018, 2019, 2021

### RESEARCH FUNDING

Kone Foundation, 2021, 269799 €

National board of education, project with ViLLE-team, 2018, 100000 €  
National board of education, project with ViLLE-team, 2016, 50000 €  
Strategic infrastructure funding, University of Turku, 2014, 35000 €  
Laboratory equipment, Margaretha Fondation, 2012, 5000 €  
Alfred Kordelin Foundation, 2001, 80000 mk  
Finnish Cultural Foundation, 1999, 2001, 2 x 80000 mk

## **OTHER EXPERIENCE**

### **Most significant administrative duties:**

Ministry of Education and Culture, member of the University Autonomy group, 6/2020 - 2/2021  
Teacher's unemployment fund, board member, 2019 - 2021  
University of Turku board member, 2014 - 2017, 2018 - 2019  
University of Turku, member of the internal funding planning group, 2019  
University of Turku member of the continued learning group, 2019  
Good academic leadership, member of the planning group, 2015 - 2018  
University funding group member, Finnish Union of University Researchers and Teachers and Professor Union, 2018  
Member of faculty board, Faculty of Humanities, 1.8.2013 - 31.12.2017  
Head of Utuling- doctoral programme, 1.8.2016 - 31.7.2017  
Vice-head of Utuling-doctoral programme, 1.8.2012 - 1.8.2016  
Head of degree planning group, School of Languages and translation studies, University of Turku, 1.8.2014 - 31.7.2016  
Teaching assessment group member, School of Languages and translation studies, University of Turku, 1.1.2010 - 31.7.2017  
Structural development group member, University of Turku, 19.1.2011 - 18.5.2012  
Equality committee member, University of Turku, 1.4.2010 - 31.12.2011  
Vice-member of University Collegiate Council, University of Turku, 1.4.2010 - 31.12.2013  
Member of Education committee, University of Turku, , 1.1.2010 - 31.12.2015

### **Other expert duties:**

President, Finnish Union of University Researchers and Teachers, 2019 - 2020  
Vice-president, Finnish Union of University Researchers and Teachers, 2017 - 2018  
Finnish Learned Society, Ethical guidelines for researcher evaluations, group member, T, 2018 – 2019, 2021-2023  
JUKO shop steward, 2010 - 2020  
Chairperson, Turku University Researchers, Teachers and Lecturers, 2010 -  
Numerous interviews in newspapers, magazines, radio and TV on research and science policy

## **TEACHING EXPERIENCE AND EXPERTISE**

University pedagogical training, 10 op  
3 Teaching demonstrations, all graded Excellent  
University of Turku, teacher of the year competition, second place, 2001  
Broad teaching experience from over 20 years covering e.g. speech acoustics, speech perception and production, speech acquisition, speech signal

## **LEADERSHIP EXPERIENCE AND TRAINING**

Trainer in PI Survival kit (2019) ja GAL PI (2020, 2021) -programmes  
Good academic leadership in future university programme 1 & 2, 2017 - 2018, 2019  
President of a union, 2019 - 2020  
Chair of curriculum development group, 2014— 2016  
Chair of doctoral programme 2016 - 2017  
Experience in strategic leadership as a member of University board 2014 - 2019  
Founder and director of Learning, Age & Bilingualism –laboratory (LAB-lab), 2011 -

## **COLLABORATION**

International lab network: University College London, Universitat de Barcelona, University of California Davis, University of California San Diego, San Diego State University, University of Western Sydney, University of Namibia  
Language diversity: Tanssiteatteri ERI, Suomi-Namibia foundation, University of Namibia  
Laboratory collaboration agreement with Sanako, 2011 -