

# Juulia Suvilehto

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## CURRENT POSITION

02/2014 - PhD Candidate

2018 Aalto University and University of Turku

(expected) Thesis title: Maintaining social bonds via interpersonal touching: A cross-cultural study

Supervisors: Prof. Lauri Nummenmaa, University of Turku and Prof. Mikko Sams, Aalto University

## EDUCATION

2014 Master of Science in Technology, Pass with Distinction  
Aalto University School of Electrical Engineering

2013 Bachelor of Science in Technology  
Aalto University School of Electrical Engineering

2007 Matriculation examination  
Helsinki Upper Secondary School of Visual Arts

## PUBLICATIONS

### JOURNAL ARTICLES

Lauri Nummenmaa, **Juulia T. Suvilehto**, Enrico Glerean, Pekka Santti & Jari K. Hietanen. (2016) *Topography of Human Erogenous Zones*. Archives of Sexual Behavior. 45 (5) 1207-1216. doi:10.1007/s10508-016-0745-z

**Juulia T. Suvilehto**, Enrico Glerean, Robin Dunbar, Riitta Hari & Lauri Nummenmaa. (2015) *Social Touch Depends on Emotional Bonds between Humans*. Proceedings of the National Academy of Sciences of the United States of America. 112 (45) 13811-13816. doi:10.1073/pnas.1519231112

### CONFERENCE PRESENTATIONS

Cultural Universalism in Social Touch. (2017) Poster presented at Doctoral Program Brain & Mind Symposium. Helsinki, Finland.

Cultural Universalism in Social Touch. (2017) Poster and Data Blitz talk presented at 2nd Congress of the International Association for the Study of Affective Touch. Liverpool, UK.

Relationship-specific encoding of social touch in the somatosensory cortices? (2016) Poster at 46th Meeting of the Society for Neuroscience. San Diego, CA, USA.

Topography of Human Erogenous Zones. (2015) Poster at Doctoral program Brain & Mind symposium. Kirkkonummi, Finland.

U Can't Touch This: Spatial Topography of Social Touching. (2014) Poster at 1 Annual Meeting of The Society for Affective Sciences. Washington DC, USA.

## RESEARCH FUNDING

2016	Young Researcher Grant, Emil Aaltonen foundation	28.250 eur
2015	Young Researcher Grant, Emil Aaltonen foundation	28.250 eur
2014	Young Researcher Grant, Emil Aaltonen foundation	26.500 eur

## PRIZES, AWARDS, AND HONOURS

2017	Travel Award, Doctoral program Brain & Mind	800 eur
2017	Finnish science communication award, Liikutu Tiedosta, awarded to Brain Twitter Conference #brainTC	3.000 eur
2016	Travel Award, Doctoral program Brain & Mind	800 eur
2015	Research retweeted by MC Hammer @MCHammer	
2015	Best Poster Award, Doctoral program Brain & Mind symposium	200 eur

## INVITED TALKS

2016

Quantifying relationship-specificity of social touch. *Emotion and Social Cognition Lab*, Division of Biology and Biological Engineering, Caltech. Pasadena, California, US. November 2016.

Quantifying relationship-specificity of social touch. *The Somatosensory & Affective Neuroscience Group*, Research Centre in Brain and Behaviour, Liverpool John Moores University. Liverpool, United Kingdom. September 2016.

Quantifying relationship-specificity of social touch. *KatLab*, Research Department of Clinical, Educational and Health Psychology, University College London. London, United Kingdom. September 2016.

## TEACHING AND MENTORING EXPERIENCE

### AALTO UNIVERSITY

Teaching Assistant in Experimental and Statistical Methods in Biological Sciences I	2015 - 2016 fall term
5 ECTS credits, Master's level	

Teaching Assistant in Experimental and Statistical Methods in Biological Sciences II	2015 spring term
5 ECTS credits, Master's level	
Effectively acted as Instructor of Record, although due to University policies the official title for the role was TA.	

Teaching Assistant in Introduction to Cell Biology	2010 - 2012 spring term
6 ECTS credits, Bachelor's level	

## SUPERVISED RESEARCH ASSISTANTS (B.SC./M.SC. STUDENTS)

2017 Ana Maria Triana Hoyos  
2015 - 2016 Timo Vehviläinen  
2014 - 2015 Tekla Larinkoski  
2014 Anna Anttalainen

#### SUPERVISED BACHELOR'S THESES

2015 Roope Vesterinen: Toisen välityksellä koetun kivun aivovaste  
2014 Tuomas Alakörkkö: Emootioiden aiheuttamat muutokset ihmiskehon lämpötilassa  
2013 Joonas Tietäväinen: Sosiaalinen koskettaminen viestinnän muotona

#### RESEARCH EXPERIENCE

10/2017 - Visiting Researcher, Department of Experimental Psychology,  
03/2018 University of Oxford, Oxford, United Kingdom.  
  
05/2017 - Doctoral Student, Turku PET Centre,  
University of Turku, Turku, Finland  
  
02/2014 - PhD Candidate, Department of Neuroscience and Biomedical  
Engineering, Aalto University, Espoo, Finland  
  
09/2016 Visiting Researcher, Department of Psychology,  
University of Cambridge, Cambridge, United Kingdom  
  
03/2015 Visiting Researcher, Department of Neuroscience & Imaging,  
University G. d'Annunzio, Chieti, Italy  
  
07/2013 - Research Assistant,  
02/2014 Laboratory of Biomedical Engineering and Computational Sciences  
(BECS), Aalto University School of Science

#### OUTREACH

2017 Poster presentation at Brain Awareness Week poster exhibition at  
University of Helsinki  
  
2016 - Scientists in Schools project in Aalto University.  
(ongoing) Visiting primary, secondary and upper secondary schools to talk about  
research.

#### MEDIA COVERAGE (SELECTED)

2017 Sormenpäät kertovat, *Tekniikan Maailma*  
Miksi suomalaisilla on suuri oman tilan tarve?, *Helsingin Sanomat*  
Tutkimuksen yllättävä tieto paljastaa suomalaiset koskettelevaksi  
kansaksi, *Länsi-Suomi*  
Olisitko valmis maksamaan halauksesta?, *Yle (online)*  
Mitä kosketus ihmiselle tekee, *Puoli Seitsemän*, *Yle TV1*

- 2015 These Body Maps Show Where We Like To Be Touched, And Where We Don't, *The Huffington Post (online)*  
 ¿Te puedo tocar? cómo, dónde y cuándo es aceptable el contacto físico, *BBC Mundo (online)*

## PROFESSIONAL TRAINING

- 2017 A!Peda Intro, Pedagogical course (5 ECTS)  
 Aalto University
- 2015 Connectivity Course: Structural and Functional Brain Connectivity via MRI and fMRI  
 MGH/HST Athinoula A Martinos Center for Biomedical Imaging

## ORGANISATION OF SCIENTIFIC MEETINGS

- 2017 Organiser at inaugural Brain research Twitter conference (#brainTC)  
 20th April 2017
- 2015 Organiser at Attending and Neglecting People, Tuusula, Finland  
 Part of Attention and Performance series

## PROFESSIONAL WORK EXPERIENCE

- 2013 Associate Product Manager, CRF Health  
 Master's thesis position in Health Outcomes. Investigated the suitability of using subjects' own devices (BYOD) in capturing electronic Clinical Outcome Assessments (eCOA) in clinical trials from practical and regulatory perspectives.
- 2011-2012 Junior Bioinformatician, Euformatics Oy  
 Designed and implemented data analysis and data management software for biologists and doctors working with gene sequencing data. Trained end users and acted as tech support.

## RELATED PROFESSIONAL SKILLS

Data-analysis tools	Specific toolboxes	Other tools
Matlab	SPM	Git
(and Octave)	Statistics & Machine Learning toolbox	Html, php, css
R	ggplot	Java
	psych	Slurm
Python	Nibabel	Subversion
	Nilearn	
	NumPy	

**Data-analysis tools****Specific toolboxes****Other tools**

Scikit-learn

SciPy

PyMVPA

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Fsl**Languages****Reading****Speaking****Writing**

Finnish

native

native

native

English

fluent

fluent

fluent

Swedish

good

conversational

intermediate

German

can read with  
dictionary

beginner

beginner