

# Juulia Suvilehto

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## CURRENT POSITION

10/2018 - Postdoctoral Researcher, Department of Psychiatry  
University of Oxford, UK

## EDUCATION

02/2014 - Doctor of Science in Technology, Systems Neuroscience  
11/2018 Aalto University, Finland  
(expected) Thesis title: Maintaining social bonds via touching: A  
cross-cultural comparison  
Supervisors: Assoc. Prof. Lauri Nummenmaa, University of Turku and  
Prof. Mikko Sams, Aalto University

2014 Master of Science in Technology, Pass with Distinction  
Major: Bioinformation Technology. Minors: Cognitive Science, Usability.  
Aalto University School of Electrical Engineering

2013 Bachelor of Science in Technology  
Major: Bioinformation Technology. Minor: Cognitive Science.  
Aalto University School of Electrical Engineering

2007 Matriculation examination  
Helsinki Upper Secondary School of Visual Arts

## PUBLICATIONS

### PEER-REVIEWED 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

### MANUSCRIPTS IN PREPARATION

**Juulia T. Suvilehto**, Ville Renvall, Lauri Nummenmaa. (Submitted) *Relationship-specific encoding of social touch in somatosensory and insular cortices*.

**Juulia T. Suvilehto**, Lauri Nummenmaa, Enrico Glerean, Tokiko Harada, Robin Dunbar, Riitta Hari, Robert Turner, Norihiro Sadato, Ryo Kitada. (Submitted) *Cultural Universalism in Social Touch*.

## CONFERENCE PRESENTATIONS

Acute pain attenuates emotional experience in the body. (2018) Talk at the 7th Consortium of European Research on Emotion (CERE) Conference. Glasgow, UK.

Social touch is relationship-specific for children and adults. (2018) Talk at the 1st International Symposium for Affective Touch in Children and Adolescents. Dresden, Germany.

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

Cultural Universalism in Social Touch. (2017) Poster and Data Blitz talk 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 1st Annual Meeting of The Society for Affective Sciences. Washington DC, USA.

## RESEARCH FUNDING

2017	Personal Grant, Alfred Kordelin Foundation	24.000 eur
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

2016-'18	Travel Awards, Doctoral program Brain & Mind	2.150 eur
2017	Aalto School of Science Scientific Communication Award awarded to the Brain Twitter Conference #brainTC team	500 eur
2017	Finnish science communication award, Liikutu Tiedosta, awarded to Brain Twitter Conference #brainTC	3.000 eur
2015	Best Poster Award, Doctoral program Brain & Mind symposium	200 eur

## 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 technical support.

## 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,  
06/2018 University of Turku, Turku, 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

- 2018 Speaker at PubhD Oxford
- 2017 Poster presentation at the Brain Awareness Week poster exhibition at  
University of Helsinki
- 2016 - Scientists in Schools project in Aalto University.  
2017 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 - English for Academic Studies: Academic Writing (2 terms)  
2018 Oxford University
- 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

- 2018 Volunteer at the Annual Meeting of the Social & Affective Neuroscience  
Society, Brooklyn, USA.

- 2018      Organiser at the second Brain research Twitter conference (#brainTC)  
8th March 2018
- 2017      Organiser at the inaugural Brain research Twitter conference (#brainTC)  
20th April 2017
- 2015      Organiser at Attending and Neglecting People, Tuusula, Finland  
Part of Attention and Performance series

## RELATED PROFESSIONAL SKILLS

Languages	Reading	Speaking	Writing
Finnish	native	native	native
English	fluent	fluent	fluent
Swedish	good	conversational	intermediate
German	can read with dictionary	beginner	beginner

Data-analysis tools	Experience	Specific toolboxes	Other tools
Matlab (and Octave)	> 8 years of active use	SPM Statistics & Machine Learning toolbox	Git Html, php, css
R	5 years of active use	ggplot psych	Java Slurm
Python	2 years of increasingly active use	Nibabel Nilearn NumPy Scikit-learn SciPy PyMVPA	Subversion
Fsl	< 1 year		