

PERSONAL DATA

Name Sofie Johanna Nilsson
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CV

Sofie Nilsson [cand.psych.]
Danish Research Center for Magnetic Resonance (DRCMR) Copenhagen University
Hospital Hvidovre (HvH), Hvidovre, Denmark

EDUCATION

MCs degree in Psychology, A program: Neuro- and Information Psychology, B
program: Clinical Psychology, (*Ma thesis on the role of left PMd in object lifting*,
assessed with TMS and fMRI, received "12"/"with highest honor"), University of
Copenhagen, 2013-
BCs degree in Psychology ("VG"/"with highest honor"), Lund University, Sweden,
2010

RESEARCH EXPERIENCE

PhD Student in Neuroscience investigating how the motivational context is
implemented in the motor system, at DRCMR and University of Copenhagen (2014-)
Research Assistant, ContAct group (Prof H Siebner), DRCMR, HvH, 2013 – 2014.
Investigated motor function with fMRI and TMS in an *online TMS-fMRI project* that
tests the network role of lPMd in planning motor responses. Contributed to a further
project mapping the premotor cortex. Co-reviewed several articles.
Internship, ContAct Group (Prof H Siebner), DRCMR, HvH, 2012
Research Assistant, Dept. of Psychology (Prof M Johansson) Lund University,
2009-2010.

TEACHING

DRCMR TMS course, sponsored by MagVenture, demonstrated online TMS-fMRI,
2013
PhD Course on Multimodal brain imaging, DRCMR, demonstrated online TMS-
fMRI, 2013

COURSES AND SEMINARS

Donders Toolkit for Transcranial Brain Stimulation, Nijmegen, Netherlands, 2013
5th International conference on non-invasive brain stimulation, Leipzig, Germany,
2013
PhD Course on Multimodal brain imaging, DRCMR, 2013
MRI acquisition and analysis course, DRCMR, 2012
Project Management, Blekinge Institute of Technology, Sweden, 2006-2007

WORK EXPERIENCE

Caregiver for people recovering from acquired brain injury (including stroke), Lions
Kollegiet, Copenhagen, 2012-2013.
Private Tutor for a student with Attention Deficit Disorder, Dept. of Psychology,
Lund University, 2009
Contact person for a woman with Down's syndrome, Lund, 2008
Other: various student jobs, Sweden and England, 1997 -

AWARDS & GRANTS

Project grant, Lundbeck, 2014 (1500000 DKK)

Project start-up grant, HvH Foskningspulje, 2013 (30 000 DKK)

OTHER

Maternity leave 2015-2016

PhD Representative for students at DRCMR, 2013 - 2015

Co-Leader of the DRCMR Student Group, arranging workshops, lectures and social events, 2013- 2015

Organizer of the ContAct Journal Club, 2013-2015

Group leader, Angstforeningen, Copenhagen, 2012-2013

Volunteer, Nødherberget Nattely, Copenhagen, 2013

Co-funder of Fundraising for the children of Notre Dame d'Altagrace, Haiti, 2012-

Board member, Cirkusen, Lundakarnevalen, Lund, 2010

Treasurer, Erasmus Student Network, Lund, 2008-2010

International Mentor, Lund, 2009-2010

PUBLICATION LIST

Nilsson, SJ*, Engelen, T*, Madsen K, Sack, A, Siebner HR, Thielscher, A, Changes in functional connectivity implies a causal role of left dorsal premotor cortex in response selection based on arbitrary visuomotor mapping. In preparation *equal contribution

Nilsson, SJ, Winther Andersen, K, Raffin, E, van Nuenen, BFL, Kuhtz-Bushbeck J and Siebner HR, Dorsal premotor cortex codes for optimal performance during a grasp-and-lift task. In preparation

Poster. Nilsson, SJ., Winther Andersen, K., van Nuenen, BFL., Kuhtz-Bushbeck J. and Siebner HR. (2013) Dorsal premotor cortex codes for optimal performance during motor execution: a combined fMRI and cTBS study. Presented at the Hvidovre Hospital Research Day 2013-04-19.

Conference paper. Johansson, M., Hellerstedt, R & **Nilsson, S.** (2010). Semantic generation induced episodic forgetting: An event-related potential study. Presented at the 17th Annual Cognitive Neuroscience Society Meeting, 2010-04-17 – 2010-04-20, Montréal, Canada.