

# Curriculum Vitae - Michelle Achterberg

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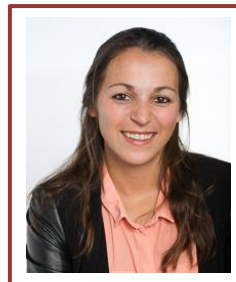
## **Personalialia**

Name: Ms. Michelle Achterberg

Title: Master of Science

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Website: [https://www.researchgate.net/profile/Michelle\\_Achterberg](https://www.researchgate.net/profile/Michelle_Achterberg)



## **Research experience**

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### **Ph.D. Candidate Leiden University** (since Sep 2014)

*Leiden Consortium on Individual Development, Leiden University, Leiden, the Netherlands*

Longitudinal research on the neural correlates of social evaluation and aggression regulation in children between the age of 7 and 12. Supervised by Prof. Eveline A. Crone, Prof. Marian J. Bakermans-Kranenburg, and Dr. Anna C.K. van Duijvenvoorde.

### **Visiting Ph.D Candidate Columbia University** (Sep - Nov 2016)

*Developmental and Affective Neuroscience lab, Columbia University, New York City, NY, USA*

Replicability and heritability of ventral striatum and amygdala functional connectivity in middle childhood. Supervised by Dr. Nim Tottenham.

### **Research assistant Brain and Development Research Center** (May - Sep 2014)

*Developmental Psychology, Leiden University, Leiden, the Netherlands*

Longitudinal research on structural brain connectivity, and its relation to impulsivity. Supervised by Dr. Jiska S. Peper.

### **Research intern Brain and Development Research Center** (Nov 2013 - April 2014)

*Developmental Psychology, Leiden University, Leiden, the Netherlands*

Research on the development of functional brain connectivity. Supervised by Dr. Anna van Duijvenvoorde

### **Master Thesis Experimental Psychology**

*Experimental Psychology, Utrecht University, Utrecht, the Netherlands*

Literature study on using repetitive transcranial magnetic stimulation (rTMS) as a treatment strategy for autism. Supervised by Dr. Dennis J.L.G. Schutter

### **Research intern Neuro-imaging in Childhood Lab** (Nov 2012- Aug 2013)

*Department of Psychiatry, University Medical Center Utrecht, Utrecht, the Netherlands*

Research on structural brain connectivity in ADHD and Autism. Supervised by Prof. Sarah Durston and Dr. Dienne Bos, Phd-candidate

## **Education**

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2012–2014:

### **Research Master Neuroscience & Cognition**

*Graduate School of Life Sciences, Utrecht University, Utrecht, the Netherlands*

2009-2012:

### **Bachelor Neurobiological Psychology**

*Utrecht University, Utrecht, the Netherlands*

2003-2009:

### **Pre-university secondary education**

*De Goudse Waarden, Gouda, the Netherlands*

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## Publications

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**Achterberg, M.**, Bakermans-Kranenburg, M. J., Van IJzendoorn, M.H., van der Meulen, M., Tottenham, N., & Crone, E. A. (2018). Distinctive heritability patterns in childhood subcortical-prefrontal cortex resting state connectivity: A twin study. *Neuroimage*, *175*, 138-149.

**Achterberg, M.**, van Duijvenvoorde, A. C. K., van der Meulen, M., Bakermans-Kranenburg, M. J., & Crone, E. A. (2018). Heritability of aggression following social evaluation in middle childhood: an fMRI study. *Human Brain Mapping*, *00*, 1-14.

**Achterberg, M.**, van Duijvenvoorde, A.C.K., van der Meulen, M., Euser, S., Bakermans-Kranenburg, M.J., & Crone, E.A. (2017). Understanding the neural correlates of social evaluation in children using a design with built-in replication and meta-analysis. *Developmental Cognitive Neuroscience*, *24*, 107-117.

**Achterberg, M.**, Van Duijvenvoorde, A. C. K., Bakermans-Kranenburg, M. J., & Crone, E. A. (2016). Control your anger! The neural basis of aggression regulation in response to negative social feedback. *Social Cognitive and Affective Neuroscience*, *11*(5):712-720.

**Achterberg, M.\***, Peper, J. S.\*, Van Duijvenvoorde, A. C. K., Mandl, R. C. W., & Crone, E. A. (2016). Frontostriatal white matter integrity predicts development of delay of gratification: A longitudinal study. *Journal of Neuroscience*, *36*(6), 1954 –1961.

Bos, D.J., Oranje, B., **Achterberg, M.**, Vlaskamp, C., Ambrosino, S., de Reus, M.A., van der Heuvel, M.P. & Rombouts, S.A.R.B. (2017). Structural and functional connectivity in children and adolescents with Attention Deficit/Hyperactivity Disorder. *Journal of Child Psychology and Psychiatry*

van der Meulen, M., Steinbeis, N., **Achterberg, M.**, Bilo, E., van den Bulk, B. G., van IJzendoorn, M. H., & Crone, E. A. (2017). The neural correlates of dealing with social exclusion in childhood. *Neuropsychologia*, *103*, 27-39.

Van Duijvenvoorde, A. C. K., **Achterberg, M.**, Braams, B. R., Peters, S., & Crone, E. A. (2016). Testing a dual-systems model of adolescent brain development using resting-state connectivity analyses. *NeuroImage*, *1*, 409-420.

## Conferences and Courses

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- FLUX Satellite - poster (May 2017) *Chapel hill, North Carolina, USA*
- Social and Affective Neuroscience Symposium - poster (May 2017) *Brooklyn, NY, USA*
- CID meeting - presentation (April 2017) *Utrecht, the Netherlands*
- SRCD 2017 - presentation on behalf of Dr. Steinbeis (March 2017) *Austin, TX, USA*
- SRCD 2017 - poster (March 2017) *Austin, TX, USA*
- Social and Affective Neuroscience Meet-up - (Oct 2016) *New York City, NY, USA*
- FLUX 2016- poster (Sep 2016) *St. Louis, Missouri, USA*
- NVP winter conference - presentation (Dec 2015) *Egmond aan zee, the Netherlands*
- Donders Discussions - presentation (Nov 2015) *Nijmegen, the Netherlands*
- VNOP-ICED-CAS Research Days - presentation (Nov 2015) *Leiden, the Netherlands*
- FLUX 2015- poster (Sep 2015) *Leiden, the Netherlands*
- SRCD Satellite - poster (Sep 2015) *Leiden, the Netherlands*
- CID meeting - poster (April 2015) *Utrecht, the Netherlands*

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- **Neuroanatomy & Tracktography workshop** (Jan 2016), King's College London, United Kingdom
- **Sackler Summer Institute Fellowship** (July 2014), Rockefeller University, New York City, United States of America
- **Essentials of major neuroimaging techniques** (Aug 2013), Donders Institute for Brain, Cognition and Behavior, Radboud University Nijmegen, the Netherlands.

## Professional Memberships

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- FLUX, the international society for integrative developmental cognitive neuroscience
- Society for Neuroscience (SFN)
- Society for Research in Child Development (SRCD)
- Social and Affective Neuroscience Society (SANS)
- Consortium on Individual Development (CID)
- Vereniging Nederlandse Ontwikkelings Psychologen (VNOP)
- Nederlandse Vereniging voor Psychonomie (NVP, Dutch Psychonomics Society)
- Graduate School of Social Sciences Leiden

## Ad-hoc review activities

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- Cerebral Cortex (CerCor)
- Neuroimage (NIMG)
- Social Cognitive and Affective Neuroscience (SCAN)
- Developmental Cognitive Neuroscience (DCN)
- Child Development (Child Dev)
- Cognitive, Affective, & Behavioral Neuroscience (CABN)
- Clinical Psychological Review (CPR)
- Social Neuroscience (SNS)

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## Teaching experience

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- Research Master thesis supervisor (2015-2018)
- Academic Master thesis supervisor (2014 - 2018)
- Bachelor thesis supervisor (2016 - 2017)
- Teacher School Psychology - bachelor specialization course (2016 - 2017)
- Teacher Developmental & Educational psychology - bachelor course (2014 - 2016)
- Teacher Academic Skills - bachelor course (2014 - 2015)

## Language skills

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- Dutch: Native language
- English: Speaking, reading and writing; excellent
- German: Speaking, reading and writing; sufficient
- French: Speaking, reading and writing; sufficient
- Latin: Reading and writing; sufficient