

# Dr. B.R. (Barbara) BRAAMS

Department of Clinical, Neuro- and Developmental Psychology,  
Faculty of Behavioral and Movement Sciences, Vrije Universiteit Amsterdam  
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## CURRENT ACADEMIC POSITION

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### Associate Professor (tenured)

2021 - Department of Clinical, Neuro- and Developmental Psychology  
Vrije Universiteit Amsterdam, The Netherlands

## PREVIOUS ACADEMIC POSITIONS

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### Assistant Professor

2018 - 2021 Department of Clinical, Neuro- and Developmental Psychology  
Vrije Universiteit Amsterdam, The Netherlands

### Postdoctoral Research Fellow

2016 - 2018 Affective Neuroscience and Development Lab  
Department of Psychology, Harvard University, USA  
Harvard University, USA

## EDUCATION

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### PhD in Developmental Cognitive Neuroscience

2011 - 2015 Dissertation: *Adolescent Risk Taking: The influence of pubertal development, neural responses to reward and social context.* ISBN 978-90-6464-922-6  
Supervisor: Prof. Dr. Eveline Crone  
Department of Psychology, Leiden University

2014 **Visiting researcher**  
Affective Neuroscience and Development Lab  
PI: Prof. Dr. Leah Somerville  
Harvard University

### Research Master Brain and Cognitive Sciences (*cum laude*)

2009 - 2010 Faculty of Science, University of Amsterdam, The Netherlands  
GPA: 4.0 (highest achievable GPA)

2010 **Internship** (12 months; 50 ECTS)  
Stanford Psychophysiological Laboratory (SPL)  
PI: Prof. Dr. James Gross  
Stanford University

2009 **Internship** (6 months; 32 ECTS)  
Behavioral and Clinical Neuroscience Institute (BCNI)  
PI: Prof. Dr. Trevor Robbins  
University of Cambridge

## SCIENTIFIC PUBLICATIONS

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\* Authored by PhD student

### Preprints

37. Green, K.H., Schreuders, E., Blankenstein, N.E., **Braams, B.R.**, Dobbelaar, S., Van de Groep, S., Telzer, E. & Crone, E.A. (2023). Family environment in adolescence predicts wellbeing in young adulthood: A test of longitudinal ventral striatal activity as a differential susceptibility factor for developmental outcomes. *PsyArXiv*  
<https://osf.io/preprints/psyarxiv/en74s>

36. \* Da Silva Pinho, A., Molleman, L., **Braams, B.R.** & Van den Bos, W. (2023). Pathways from Norms to Intentions: a Developmental Perspective. *PsyArXiv*  
<https://osf.io/preprints/psyarxiv/4frj6>
35. **Braams, B.R.**, Cornelisz, I., & van Klaveren, C. (2021). Using machine learning to predict the likelihood of future risk taking. *PsyArXiv*. <https://psyarxiv.com/vj7z6/>
- 2023**
34. \* van Rijn, R., Lee, N. C., Hollarek, M., Sijtsma, H., Walsh, R. J., van Buuren, M., **Braams, B.R.** & Krabbendam, L. (2023). The effect of relative pubertal maturation and perceived popularity on symptoms of depression and social anxiety in adolescent boys and girls. *Journal of youth and adolescence*, 1-20.
33. \* Sijtsma, H., Lee, N. C., **Braams, B. R.**, Hollarek, M., Walsh, R. J., van Buuren, M., & Krabbendam, L. (2023). The development of adolescent trust behavior. *Journal of Experimental Child Psychology*, 231, 105653.
32. \* Sijtsma, H., van Buuren, M., Hollarek, M., Walsh, R. J., Lee, N. C., **Braams, B. R.**, & Krabbendam, L. (2023). Social network position, trust behavior and neural activity in young adolescents. *NeuroImage*, 119882.
31. \* Sijtsma, H., Lee, N. C., van Kesteren, M. T. R., **Braams, B. R.**, van Atteveldt, N. M., Krabbendam, L., & van Buuren, M. (2023). The effect of incorrect prior information on trust behavior in adolescents. *Neuropsychologia*, 179, 108423.
- 2022**
30. **Braams, B. R.**, & Krabbendam, L. (2022). Adolescent development: From neurobiology to psychopathology. *Current Opinion in Psychology*, 48, 101490-101490.
- 2021**
29. **Braams, B.R.**, Davidow, J.Y., & Somerville, L.H. (2021). Information about others' choices selectively alters risk tolerance and medial prefrontal cortex activation across adolescence and young adulthood. *Developmental Cognitive Neuroscience*, 52, 101039.
28. \* da Silva Pinho, A., Molleman, L., **Braams, B.R.**, & van den Bos, W. (2021). Majority and popularity effects on norm formation in adolescence. *Scientific reports*, 11(1), 1-10.
27. Schreuders, E., **Braams, B.R.**, Crone, E.A & Güroğlu, B (2021) Friendship stability in adolescence is associated with ventral striatum responses to vicarious reward. *Nature Communications*, 12(1), 1-11.
26. \* Sijtsma, H., Lee, N. C., Hollarek, M., Walsh, R.J., Van Buuren, M., **Braams, B.R.**, & Krabbendam, L. (2021). Social cognition and friendships in adolescents with autistic-like experiences and psychotic-like experiences. *Frontiers in Psychiatry*, 11.
- 2019**
25. **Braams, B.R.**, Davidow, J.Y., & Somerville, L.H. (2019). Developmental patterns of change in the influence of safe and risky peer choices on risky decision making. *Developmental Science*, e12717.
24. Goddings, A.L., Beltz, A., Peper, J.S., Crone, E.A., & **Braams, B.R.** (2019). Understanding the role of puberty in structural and functional development of the adolescent brain. *Journal of Research in Adolescence*, 29(1), 32-53. *\*top cited article*
23. Dow-Edwards, D., MacMaster, F.P., Peterson, B.S., Niesink, R., Andersen, S., & **Braams, B.R.** (2019). Experience during adolescence shapes brain development: from synapses and networks to normal and pathological behavior. *Neurotoxicology and Teratology*, 76, 106834.
22. Li, R., Utevsky, A., Huettel, S., **Braams, B.R.**, Peters, S., Crone, E.A., & van Duijvenvoorde, A.C.K. (2019). Developmental maturation of the precuneus as a functional core of the default-mode network. *Journal of Cognitive Neuroscience*, 1-14.
- 2018**
21. Meuwese, R. †, **Braams, B.R.** † & Güroğlu, B. (2018). What lies beneath adolescent likeability among peers? Exploring the motivational role of Nucleus Accumbens responsivity to self-serving and prosocial rewards. *Developmental Cognitive Neuroscience*, 34, 124-129. † *these authors contributed equally*
20. Schreuders, E., **Braams, B.R.**, Blankenstein, N.E., Peper, J.S., Güroğlu, B., & Crone, E.A. (2018). Contributions of Reward Sensitivity to Ventral Striatum Activity across Adolescence and Early Adulthood. *Child Development*, 89(3), 797-810.

19. Peper, J.S., **Braams, B.R.**, Blankenstein, N.E., Bos, M.G.N., & Crone, E.A. (2018). Development of multiple-faceted risk-taking and the relations to testosterone: a longitudinal study. *Child Development*, *89*(5), 1887-1907.
  18. Spaans, J., Burke, S.M., Altikulaç, S., **Braams, B.R.**, Op de Macks, Z.A., & Crone, E.A. (2018). Win for your kin: neural responses to personal and vicarious rewards when mothers win for their adolescent children. *PloS one*, *13*(6), e0198663.
  17. Van Atteveldt, N.M., Van Kesteren, M.T.R., **Braams, B.R.**, & Krabbendam, L. (2018). The neuroscience of learning and development: towards more ecologically valid neuroimaging. *Frontline Learning Research*, *6*(3), 186-203.
- 2017**
16. **Braams, B.R.**, & Crone, E.A. (2017). Longitudinal changes in social brain development: processing outcomes for friend and self. *Child Development*, *88*(6), 1952-1965.
  15. **Braams, B.R.**, & Crone, E.A. (2017). Peers and parents: A comparison between neural activation when winning for friends and mothers in adolescence. *Social Cognitive and Affective Neuroscience*, *12*(3), 417-426.
  14. Van der Meulen, M. †, Veldhuis, J. †, **Braams, B.R.**, Peters, S., Konijn, E.A., & Crone, E.A. (2017) Brain Activation upon Ideal-Body Media Exposure and Peer Feedback in Late Adolescent Girls. *Cognitive, Affective and Behavioral Neuroscience*, *17*(4), 712-723. † these authors contributed equally
- 2016**
13. **Braams, B.R.**, Peper, J.S., Van der Heide, D., Peters, S., & Crone, E.A. (2016). Nucleus Accumbens response to rewards related to alcohol use in adolescents and young adults. *Developmental Cognitive Neuroscience*, *17*, 83-93.
  12. Van Duijvenvoorde, A.C.K., Peters, S., **Braams, B.R.**, & Crone, E.A. (2016). What motivates adolescents? Neural responses to rewards and their influence on adolescents' risk taking, learning, and cognitive control. *Neuroscience & Biobehavioral Reviews*, *70*, 135-147.
  11. Peters, S., Peper, J.S., Van Duijvenvoorde, A.C.K., **Braams, B.R.**, & Crone, E.A. (2016). Amygdala-orbitofrontal connectivity predicts alcohol use two years later: A longitudinal neuroimaging study on alcohol use in adolescence. *Developmental Science*, *20*(4), e12448.
- 2015**
10. **Braams, B.R.**, Van Duijvenvoorde, A.C.K., Peper, J.S., & Crone, E.A. (2015). Longitudinal changes in adolescent risk-taking: A comprehensive study of neural responses to rewards, pubertal development and risk-taking behavior. *The Journal of Neuroscience*, *35*(18), 7226-7238.
  9. Van Duijvenvoorde, A.C.K., Achterberg, M., **Braams, B.R.**, Peters, S., & Crone, E.A. (2015). Testing a dual-systems model of adolescent brain development using resting-state connectivity analyses. *NeuroImage*, *124*, 409-420.
  8. Blechert, J., Wilhelm, F.H., Williams, H., **Braams, B.R.**, Jou, J., & Gross, J.J. (2015). Reappraisal facilitates extinction in healthy and socially anxious individuals. *Journal of Behavior Therapy and Experimental Psychiatry*, *46*, 141-150.
- 2014**
7. **Braams, B.R.**, Güroğlu, B., de Water, E., Meuwese, R., Koolschijn, P.C.M.P., Peper, J.S., & Crone, E.A. (2014). Reward-related neural responses are dependent on the beneficiary. *Social Cognitive and Affective Neuroscience*, *9*(7), 1030-1037.
  6. **Braams, B.R.**, Peters, S., Peper, J.S., Güroğlu, B., & Crone, E.A. (2014). Gambling for self, friends, and antagonists: Differential contributions of affective and social brain regions on adolescent reward processing. *NeuroImage*, *100*, 281-289.
  5. Peters, S., **Braams, B.R.**, Raijmakers, M.E., Koolschijn, P.C.M.P., & Crone, E.A. (2014). The Neural Coding of Feedback Learning across Child and Adolescent Development. *Journal of Cognitive Neuroscience*, *26*(8), 1705-1720.
- 2013**
4. Crockett, M. J., **Braams, B.R.**, Clark, L., Tobler, P.N., Robbins, T.W., & Kalenscher, T. (2013). Restricting Temptations: Neural Mechanisms of Precommitment. *Neuron*, *79*(2), 391-401.

3. de Water, E., **Braams, B.R.**, Crone, E.A., & Peper, J. S. (2013). Pubertal maturation and sex steroids are related to alcohol use in adolescents. *Hormones and behavior*, 63(2), 392-397.
  2. Peper, J.S., Mandl, R.C., **Braams, B.R.**, de Water, E., Heijboer, A.C., Koolschijn, P.C.M.P., & Crone, E.A. (2013). Delay discounting and frontostriatal fiber tracts: a combined DTI and MTR study on impulsive choices in healthy young adults. *Cerebral Cortex*, 23(7), 1695-1702.
- 2012**
1. **Braams, B.R.**, Blechert, J., Boden, M.T., & Gross, J.J. (2012). The effects of acceptance and suppression on anticipation and receipt of painful stimulation. *Journal of Behavior Therapy and Experimental Psychiatry*, 43(4), 1014-1018.

### Book Chapters

**2014**

1. **Braams, B.R.**, Van Leijenhorst, L., & Crone, E.A. (2014). Risks, Rewards, and the Developing Brain in Childhood and Adolescence. In V.F. Reyna & V. Zayas (Eds.) *The neuroscience of risky decision making*. Washington DC: American Psychological Association.

### RESEARCH GRANTS & FUNDING

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#### Personal grants

Total personal grants: €387k

- 2017 **PI** Veni, NWO, €250k  
 2016 **PI** Rubicon, NWO, €135k  
 2014 **PI** LUF Scholarship, Leiden University Fund, €2k

#### Consortium grants

Total consortium grants: €24.35M, PI responsibility for €1.8M

- 2023 **Co-PI**, Impact Grant, University of Amsterdam, €25k  
 Consortium: Dr. Barbara Braams, Dr. Wouter van den Bos (University of Amsterdam) & Dr. Mirre Stallen (Universiteit Leiden)
- 2022 **PI**, NWA Science Communication, NWO, €150k  
 Consortium: Dr. Barbara Braams & Dr. Lennart de Groot (Utrecht University)
- 2022 **Consortium member**, Gravitation (Zwaartekracht), NWO, €22.1M  
 Consortium: Barbara Braams, Eveline Crone, Berna Guroglu, Hilleke Hulshoff-Pol, Lydia Krabbendam, Lucre Nauta-Jansen, René Veenstra, Nienke van Atteveldt, Thijs Bol, Anna van Duijvenvoorde, Barbara Franke, Ingman Franken, Valeria Gazzola, Hilde Huizenga, Loes Keijsers, Christian Keysers, Mark de Rooij, Arne Popma & Gert Stulp
- 2022 **PI**, Science Communication Fund, Dept of Clinical, Neuro- and Developmental Psychology, Vrije Universiteit Amsterdam & Dept. of Geosciences, Utrecht University, €60k  
 Consortium: Dr. Barbara Braams & Dr. Lennart de Groot (Utrecht University)
- 2020 **PI**, NWA Science Communication, NWO, €50k  
 Consortium: Dr. Barbara Braams & Dr. Lennart de Groot (Utrecht University)
- 2020 **Co-PI**, Ammodo Science Award, AMMODO Foundation, €1.2M  
 Consortium: Social Educational Neuroscience Amsterdam (SENSA), including Prof. Dr. Lydia Krabbendam, Prof. Dr. Nienke van Atteveldt & Prof. Dr. Paul van Lange
- 2019 **PI**, Public Engagement Seed Fund, Utrecht University, €2k  
 Consortium: Dr. Barbara Braams & Dr. Lennart de Groot (Utrecht University)

### AWARDS AND PRIZES

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- 2022 **NWO Science Communication Initiative Award**, €10k  
*The NWO Science Communication Initiative Award is awarded yearly to the best science communication initiative. The award was won for the Hoe?Zo! Show project. The award will be used to set up an alumni network for alumni of the Hoe?Zo! Show project.*
- 2022 **Open Science Award**, Faculty of Behavioral and Movement Sciences, Vrije Universiteit Amsterdam, €200

- 2019 **J.C. Ruigrok Award**, Koninklijke Hollandsche Maatschappij der Wetenschappen, €12.5k  
*The J.C. Ruigrok Award is awarded by The Royal Dutch Society of Sciences and Humanities. It is an award for outstanding research contributions in law, economics, social sciences and humanities. Once every four years the award is awarded in the domain of social sciences.*
- 2018 **Young Talent Prize**, Dutch Neuroscience Meeting, €500  
*The Young Talent Prize is awarded every year to a promising young scholar in the field of neuroscience.*
- 2017 **FLUX society travel award**, \$500
- 2015 **Best article award**, Faculty of Social Sciences, Leiden University €500  
*The best article award is a prize for the best article written by a PhD student that year.*
- 2015 **Best abstract award**, Jacobs Foundation, SRCD, Leiden, The Netherlands \$1k
- 2014 **Best abstract award**, Donders Discussions, Nijmegen, The Netherlands
- 2014 **Best blog award**, Leiden Psychology Blog  
*The best blog award was awarded to my blog 'Facebook depression. The influence of social media on adolescents'. The blog currently has **over 100k hits**.*

### INVITED TALKS

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- 2023 Developing Brains in Context Lab – University of Oregon  
 Talk: *'Towards a better understanding of the relationship between real life and lab measures of adolescent risk taking'*
- 2022 Royal Netherlands Society of Arts and Sciences, 2022 inaugural meeting 'Faces of Science'  
 Talk: *'Science communication: Faces of Science and Beyond'* \* **Session chair**
- 2019 British Association for Psychopharmacology, Manchester, UK  
 Talk: *'Adolescent risk taking behavior: relationship with brain development'*
- 2019 Lorentz Workshop 'Capturing Developmental Brain Dynamics', Leiden,  
 Talk: *'Risk-taking during adolescence & real-life neuroscience'*
- 2019 Current perspectives on adolescent risk-taking, symposium, Leiden University, The Netherlands  
 Talk: *'Developmental patterns of change in the influence of safe and risky peer choices on risky decision making'* \* **Slides available on Figshare:** [bit.ly/2N9We5n](https://bit.ly/2N9We5n)
- 2018 DNTS, Clearwater, FL, USA  
 Talk: *'Peer influence on adolescent decision making: dissection of relevant constructs'*
- 2018 Dutch Neuroscience Meeting, Lunteren, The Netherlands  
 Talk: *'Adolescent risky decision making: identification of relevant factors'*  
 \* **Young Talent Prize Symposium**
- 2017 Modeling Developmental Change Workshop, Portland, OR, USA  
 Talk: *'Non-linear mixed effects modeling'*

### CONFERENCE PRESENTATIONS & CHAIRED SESSIONS

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- 2023 Society for Behavioral Neuroendocrinology (SBN), Tours, France  
 Talk: *'The influence of pubertal development on risk-taking and mental health'*
- 2022 VNOP, Utrecht, The Netherlands  
 Talk: *'Information about others' choices selectively alters risk tolerance and medial prefrontal cortex activation across adolescence and young adulthood'*
- 2018 ESSAN, Leiden, The Netherlands  
 Flash talk: *'Developmental patterns of change in the influence of safe and risky peer choices on risky decision making'*
- 2018 Harvard/MIT semi-annual Women in Psychology symposium, Cambridge, MA, USA  
 Flash Talk: *'Developmental trajectories of social influence on risky and ambiguous decision making'*

- 2017 FLUX, Portland, OR, USA  
Flash talk: *'Developmental trajectories of social influence on risky and ambiguous decision making'*
- 2016 SRA, Baltimore, MD, USA  
Talk: *'A Longitudinal brain imaging approach to test adolescent specific changes in risk taking and cognitive control'*
- 2015 NVP, Egmond aan Zee, The Netherlands \* **Session chair**  
Talk: *'Longitudinal changes in social brain development'*
- 2015 SRCD, Leiden, The Netherlands  
Flash talk for the Jacobs Foundation award: *'Mothers matter during adolescence'*
- 2015 FLUX, Leiden, The Netherlands \* **Session chair**
- 2015 ECPD, Braga, Portugal  
Talk: *'Longitudinal changes in adolescent risk taking'*
- 2015 Peer relationship meeting (PRO), Groningen, The Netherlands  
Talk: *'Reward processing in adolescence: a role for social context'*
- 2014 Donders Discussions, Nijmegen, The Netherlands \* **Best abstract award**  
Flash talk: *'Gambling for self, friends and antagonists: the influence of social context on striatum responses in adolescence'*
- 2014 Social Brain Conference, Copenhagen, Denmark  
Talk: *'Reward processing in adolescence: contributions of social context'*
- 2013 INS, Amsterdam, The Netherlands  
Talk: *'Reward processing in adolescence: a role for social context'*
- 2013 VNOP, Wageningen, The Netherlands \* **Session chair**  
Talk *'Reward processing in adolescence'*
- 2013 ESCAN, Marseille, France  
Talk *'Reward processing in adolescence'*
- 2012 Leiden Institute for Brain and Cognition (LIBC), Leiden, The Netherlands  
Talk: *'Reward processing in adolescence'*
- 2012 LIBC Scientific Advice Board meeting, Leiden, The Netherlands  
Talk: *'Reward processing in adolescence'*
- 2011 NVP, Egmond aan Zee, The Netherlands  
Talk *'Reward Processing in adolescence'*

## POSTER PRESENTATIONS

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- 2022 FLUX, Paris, France  
*'Prevention of adolescent risk-taking behavior through early identification'*
- 2020 FLUX, online conference  
*'Information about others' choices selectively alters risk tolerance and medial prefrontal cortex activation in adolescence and young adulthood'*
- 2019 NVP, Egmond aan Zee, The Netherlands  
*'Information about others' choices selectively alters risk tolerance and not ambiguity aversion'*
- 2018 FLUX, Berlin, Germany  
*'Social influence on risky and ambiguous decision making in adolescence'*
- 2018 SANS, New York, NY, USA  
*'Social influence on risky decision making in adolescence'*
- 2018 Big Data, Little Brains, Chapel Hill, NC, USA  
*'Social influence on risky decision making in adolescence'*
- 2017 SANS, Los Angeles, CA, USA  
*'Social influence on risky decision making in adolescence'*
- 2016 FLUX, St. Louis, MO, USA  
*'Social influence on adolescent ambiguous and risky decision-making'*
- 2015 FLUX, Leiden, The Netherlands '  
*Longitudinal analysis of social brain development'*

- 2014 CNS, Boston, MA, USA  
'Adolescent reward processing: a longitudinal study'
- 2013 CNS, San Francisco, CA, USA  
'Developmental patterns of neural responses differ for self and friends'
- 2013 SRCD, Seattle, WA, USA  
'Developmental patterns of neural responses differ for self and friends'
- 2013 NVP, Egmond aan Zee, The Netherlands  
'Adolescent reward processing: differential contributions of affective and social brain'
- 2013 ESCON workshop, Ghent, Belgium  
'Adolescent reward processing: differential contributions of affective and social brain'
- 2012 University of Maryland Summer School, College Park, MD, USA  
'Developmental patterns of neural responses to rewards differ for self and friends'

## OPEN SCIENCE

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### Shared data and materials

- 2021 Unthresholded **statistical maps** for whole brain contrasts for Braams, Davidow & Somerville (2021) <https://identifiers.org/neurovault.collection:10516>
- 2021 **Task and analysis scripts** for Braams, Davidow & Somerville (2021) <https://osf.io/8frsj/>
- 2019 **Dataset** from Braams et al., 2019 - Dev. Sci. shared for follow-up analysis  
Data was published in: Ciranka, S. K., & van den Bos, W. (2019). Social Influence in Adolescent Decision Making: A Formal Framework. *Frontiers in psychology*, 10,1915.
- 2019 Shared **analysis scripts** for Braams et al., 2019 - Dev. Sci. - <https://osf.io/p8a2j/>
- 2019 Downloadable version of the **task** used in Braams et al., 2019 - Dev. Sci. - <https://osf.io/kpa75/>
- 2019 **Slides** Talk: "Developmental patterns of change in the influence of safe and risky peer presented at the Current Perspectives on Adolescent Risk Taking Symposium, Leiden University, Feb 15th 2019 - [bit.ly/2N9We5n](http://bit.ly/2N9We5n)

### Open science policy

- 2019 **Invited talk** to discuss the position of Early Career Scientists in the transition towards Open Access at the Consultation Meeting on Plan S, organised by the Netherlands Organisation for Scientific Research (NWO) , Jan 31st 2019
- 2019 **Invited talk** to inform members of the house of representatives and other government officials about the transition towards Open Science "Open Science and Open Access from the perspective of scientists", March 5th, 2019
- 2019 **Panel member** at VU Library Live Talkshow on Open Science
- 2018 **Opinion piece** for 'De Volkskrant' with Dr. Lennart de Groot "Jonge wetenschappers verdienen zekerheid - een snelle invoering van Open Access draagt daar niet aan bij"

### Workshop & symposium organisation

- 2019 **Open Science Workshop** - KNAW
- 2019 **Open Science Symposium** - Institute Brain and Behavior Amsterdam (iBBA)  
Slides for all talks: <https://doi.org/10.6084/m9.figshare.c.4543967.v1>

## COMMITTEES & MEMBERSHIP

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- 2023 - **Member of the board** FLUX Society for Developmental Cognitive Neuroscience
- 2022 - **Member of the board** Dutch Organisation for Developmental Psychology, (VNOP)
- 2021 - **Member Impact Committee**, Faculty of Behavioral and Movement Sciences, VU
- 2022 **Member Poster Prize Committee**, Dutch Society for Brain and Cognition Bi-annual meeting, Egmond aan Zee, The Netherlands
- 2020 **Member NWO VENI Grant Selection Committee**
- 2019 - 2021 **Member Colloquium Committee**, Institute Brain and Behavior Amsterdam (iBBA)

- 2016 - 2018 **Member Social Committee**, Harvard Faculty of Arts and Sciences Postdoctoral Association  
 2014 - 2016 **Member Faces of Science**, Royal Academy of Sciences, The Netherlands

### PEER REVIEW & GRANT REVIEW

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Ad hoc **peer reviewer** for **27** international journals including Nature Communications, Psychological Science and Child Development.

Invited **grant reviewer** for **5** international grant agencies including the European Research Council (ERC).

### EDITORIAL SERVICE

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2022 **Guest editor** Special Issue ‘Adolescent Development’ – Current Opinion in Psychology

### ACADEMIC SUPERVISION

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#### Postdocs (ongoing)

2023 - Hester Sijtsma

#### Graduate students (ongoing)

2023 - Tatvan Todor, Vrije Universiteit Amsterdam  
 2021 - Rebecca van Rijn, Vrije Universiteit Amsterdam  
 2019 - Ana da Silva Pinho, Universiteit van Amsterdam  
 2018 - Sibel Altikulaç, Vrije Universiteit Amsterdam

#### Graduate students (completed)

2018 - 2023 Hester Sijtsma, Vrije Universiteit Amsterdam

### TEACHING

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#### University Teaching Qualification

2015 University Teaching Qualification (BKO) obtained

#### Undergraduate level courses (BSc)

2023 - **Lecturer** Emotion, Cognition and Behavior, Vrije Universiteit  
 2018 - 2021 **Course director & lecturer** Current Issues in Psychopathology, Vrije Universiteit  
 2015 **Guest lecturer** Introduction to psychology, Erasmus University Rotterdam  
 2014 - 2015 **Lecturer** Social and Emotional Development, Leiden University  
 2012 - 2015 **Course director** Pre-University College, Leiden University  
 2012 - 2013 **Work group teacher** Developmental and Educational Psychology, Leiden University  
 2011 - 2015 **Work group teacher** Academic Skills Tutorial, Leiden University  
 2011 - 2013 **Work group teacher** Social and Emotional Development, Leiden University

#### Graduate level courses (MSc and PhD)

2022 - **Course developer & lecturer**, Science Communication for PhD Candidates  
 2022 - **Course coordinator** Medical Neurosciences and Neuroanatomy  
 2018 - **Lecturer** Trends in Brain and Behavior  
 2018 - **Lecturer** Neuroscience and Education

#### Master Thesis Supervision

2011 - Thesis supervisor for a total of 31 master thesis of ~30 ECTS each



## CONTRIBUTIONS TO SOCIETY

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### Hoe?Zo! Show ('How?So!' Show)

2021 - 2025 **Organizer** Hoe?Zo! Show

[www.hoezoshow.nl/en](http://www.hoezoshow.nl/en)

*The Hoe?Zo! Show is a show to increase enthusiasm for science in children and simultaneously train PhD candidates in science communication. In the show children ask questions and these questions are answered by a team of 4 PhD students. The PhD students use of a variety of props that are on stage to visualize the answers. The Hoe?Zo! Show is performed 18 times per year. Each year 15 PhD candidates are trained in science communication and the project reaches ~3.500 children (6<sup>th</sup> grade; 9-10 years old). Children attend the show and they do the four lesson science module that we developed before they attend the show.*

2021 **Developer science module of four lessons** – primary school

*The science module consists of four lessons in which children learn about the scientific cycle. They learn how to ask a good question, how to find and judge information, how to do an experiment and how to present your findings. The lessons are free and can be downloaded on our website [www.hoezoshow.nl/lespakket](http://www.hoezoshow.nl/lespakket)*

2019 **Developer** Hoe?Zo! Show

*I developed the concept of the Hoe?Zo! Show in collaboration with Dr. Lennart de Groot. The show was performed four times at the National Science Weekend, Utrecht University.*

### Public Lectures

2022 **Speaker** 'Gala of Science and Society' – Leiden, The Netherlands

2019 **Invited presentation** at the official book launch of 'Het Grote Schulden Preventie Boek'

2019 **Invited presentation** for local government officials and youth workers at Gemeente Groningen

2019 **Invited presentation** for local government officials and youth workers at Gemeente Roosendaal

2019 **Invited presentation** for youth workers at the yearly symposium organised by Humanitas

2019 **Invited presentation** symposium Financial Literary for Adolescents - Stichting Leerplan Ontwikkeling

2019 **Lecture** Jeugdsymposium Bergen op Zoom

2019 **Lecture** 'Why do adolescents take more risks than adults?', Expeditie Next, Rotterdam

2016 **Lecture** 'Why do children learn faster than adults', SPUI25, Amsterdam

2015 **Contestant** 'Science Battle'

*Science Battle is a science communication theater show*

2015 **Lecture** Public Library Amsterdam

2014 **Lecture** 'Broodje Kennis', Amsterdam

2013 **Lecture** Youth Center South Park, Leiden

2013 **Lecture** Children's University, Haarlem

2012 **Presenter** at Bessensap, NWO, presentation for journalists on adolescent risky driving

### Books

2022 **Contributor** 'Promovenda tot Z', Fontaine Uitgevers

2019 **Interview** 'Het Grote Schuldenpreventieboek' ('Preventing Adolescent Debt')

2017 **Author** 'Het Riskante Brein', Uitgeverij Unieboek | Het Spectrum

*\* Press coverage in NRC, Algemeen Dagblad, De Morgen, Het Nieuwsblad,*

2017 **Co-author** 'Hoe zwaar is licht', Uitgeverij Balans

**Newspaper & Magazine articles**

- 2024 **Interview**, Reformatorisch Dagblad
- 2023 **Interview**, NRC
- 2023 **Interview**, Algemeen Dagblad
- 2022 **Interview**, New Scientist ‘Eureka’
- 2022 **Interview** Rijnmond
- 2022 **Interview** Ad Valvas
- 2021 **Expert** ‘Parenting Question of the Week’ Trouw
- 2021 **Interview** Didactief Special ‘Financiële geletterdheid’
- 2020 **Interview** Algemeen Dagblad
- 2020 **Interview** NRC
- 2020 **Interview** ‘De Psycholoog’
- 2017 **Interview** NRC about ‘Het Riskante Brein’
- 2017 **Interview** Algemeen Dagblad
- 2015 **Interview** Leidsch Dagblad
- 2014 **Interview** Leidsch Dagblad
- 2014 **Interview** J/M Ouders
- 2014 **Interview** Psychology Magazine
- 2013 **Research press coverage** in Sp!ts newspaper

**Radio & podcasts**

- 2023 **NPO 1 Spraakmakers** Interview on financial problems in youth
- 2023 **Podcast Universiteit van Nederland** ‘Is your brain mature at 18?’
- 2021 **Invited guest** – Podcast Nibud Geldpraat
- 2017 **Interview** BNR
- 2015 **Interview** Kennis van Nu
- 2015 **Interview** FunX radio
- 2013 **Interview** Radio 1
- 2011 **Interview** Radio Rijnwoude

**Television**

- 2024 **Interview** De Sociëteit (NTR)
- 2022 **Interview** RTL Nieuws
- 2021 **Interview** NH Nieuws
- 2017 **Contestant** ‘Nationale Wetenschapsquiz’
- 2016 **Interview** Channel One News ‘Inside Your Brain’ series
- 2015 **Consultant** BBC documentary ‘Child of Our Time’
- 2015 **Invited guest** at ‘De Dokter Corrie Show’
- 2013 **Interview** Jeugdjournaal

**Online**

- 2024 **NOS Stories** ‘The power of influencers’
- 2023 **Universiteit van Nederland** ‘Are you an adult at age 18?’
- 2022 **Invited speaker** “SciComm Lunch”
- 2019 **Contributor** NOS Stories ‘Minors & Online Gambling’
- 2016 **Interview** www.kennislink.nl
- 2015 **Consultant** driving safety for adolescents, Regionaal Orgaan Verkeersveiligheid,
- 2015 **Consultant** Trimbos Institute, short animation to inform parents and adolescents
- 2015 **Interview** 7days - online newspaper for adolescents
- 2014-2016 **Author** Faces of Science Blog
- 2014-2015 **Author** for the Leiden University Psychology Blog
- \* **Total number of hits for 8 posts >300k**

**Primary School & High School**

- 2022 **Developer science module of four lessons** – primary school

*This science module was part of the Hoe?Zo! Show project and reaches 3000 children at primary schools across the Netherlands per year*

- 2019 **Lecture** for parents, Het Vierde Gymnasium, Amsterdam
- 2015 **Lecture** for high school students, Picasso Lyceum, Zoetermeer
- 2014 **Workshop leader** 'Science Communication', Pre-University College, Leiden
- 2012 **Guest teacher** primary school
- 2012 **Guest teacher** biology high school
- 2011 **Lecture** for parents at a primary school
- 2011 **Invited guest teacher** at a primary school for a lecture about the brain
- 2011 **Supervisor** thesis high-school students, thesis was awarded a 9,5 out of 10
- 2011 **Group leader** Young Academy on Wheels, Royal Academy of Sciences