

Dr. B.R. (Barbara) BRAAMS

Department of Clinical, Neuro- and Developmental Psychology,
Faculty of Behavioral and Movement Sciences, Vrije Universiteit Amsterdam
e-mail: b.r.braams@vu.nl | website: www.barbarabraams.nl
ORCID: <https://orcid.org/0000-0002-8688-5959> | OSF: <https://osf.io/kjnhe/>

CURRENT ACADEMIC POSITION

Associate Professor (tenured)

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

PREVIOUS ACADEMIC POSITIONS

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

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

* Authored by PhD student

Preprints

43. Green, K., van de Groep, S., Blankenstein, N. E., Braams, B. R., Dobbelaar, S., Schreuders, E., Westhoff, B., van der Meulen, M., & Crone, E. A. (2025). *For better and worse: Neurobiological reward sensitivity in adolescence as a marker of differential susceptibility to family environment and its associations with alcohol use.* PsyArXiv.
<https://osf.io/preprints/psyarxiv/en74s>

42. 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>
41. **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/>

Peer reviewed publications

2025

40. * da Silva Pinho, A., Molleman, L., **Braams, B. R.**, & van den Bos, W. (2025). Pathways from Norms to Intentions: a Developmental Perspective. *Collabra: Psychology*, 11(1), 150354. <https://doi.org/10.1525/collabra.150354> OSF: https://osf.io/preprints/psyarxiv/4frj6_v1
39. * van Rijn, R., van Lange, P. A. M., Krabbendam, L., & **Braams, B. R.** (2025). Construction and validation of the prosocial adolescent risk-taking questionnaire (PAR-Q). *Scientific Reports*, 15(1), Article 21252. <https://doi.org/10.1038/s41598-025-06034-5>
38. * da Silva Pinho, A., Slagter, S., Gradassi, A., Molleman, L., **Braams, B. R.**, & van den Bos, W. (2025). Teacher knows best? The social influence of teachers and peers in high school. *Journal of Research on Adolescence*, 35(3), 1-14. <https://doi.org/10.1111/jora.70063>
37. **Braams, B. R.**, van Rijn, R., Leijser, T., & Dekkers, T. J. (2025). The upside of ADHD-related risk-taking: Adolescents with ADHD engage in more prosocial risk-taking behavior than typically developing adolescents. *Journal of Attention Disorders*. <https://doi.org/10.1177/10870547251321882> OSF: <https://osf.io/7nax3/>

2024

36. van Rijn, L. H., van de Groep, S., Achterberg, M., Wierenga, L., **Braams, B. R.**, Gazzola, V., Güroğlu, B., Keysers, C., Nauta-Jansen, L., van Duijvenvoorde, A., Krabbendam, L., & Crone, E. A. (2024). Delay discounting in adolescence depends on whom you wait for: Evidence from a functional neuroimaging study. *Developmental Cognitive Neuroscience*, 70, 101463. <https://doi.org/10.1016/j.dcn.2024.101463>
35. Crone, E. A., Bol, T., **Braams, B. R.**, de Rooij, M., Franke, B., Franken, I., Gazzola, V., Güroğlu, B., Huizenga, H., Hulshoff Pol, H., Keijsers, L., Keysers, C., Krabbendam, L., Jansen, L., Popma, A., Stulp, G., van Atteveldt, N., van Duijvenvoorde, A., & Veenstra, R. (2024). Growing Up Together in Society (GUTS): A team science effort to predict societal trajectories in adolescence and young adulthood. *Developmental Cognitive Neuroscience*, 68, 101403. <https://doi.org/10.1016/j.dcn.2024.101403>

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. <https://doi.org/10.1007/s10964-023-01812-6> OSF: <https://osf.io/w7hsf/>
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. <https://doi.org/10.1016/j.jecp.2023.105653>
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. <https://doi.org/10.1016/j.neuroimage.2023.119882>
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. <https://doi.org/10.1016/j.neuropsychologia.2023.108423>

2022

30. **Braams, B. R.**, & Krabbendam, L. (2022). Adolescent development: From neurobiology to psychopathology. *Current Opinion in Psychology*, 48, 101490. <https://doi.org/10.1016/j.copsy.2022.101490>

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. <https://doi.org/10.1016/j.dcn.2021.101039> OSF: <https://osf.io/8frsj/> Neurovault: <https://identifiers.org/neurovault.collection:10516> Data shared and re-analysis published in Ciranka, S. K., & van den Bos, W. (2019). Social Influence in Adolescent Decision Making: A Formal Framework. *Frontiers in psychology*, *10*, 1915.
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. <https://doi.org/10.1038/s41598-021-91479-z>
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. <https://doi.org/10.1038/s41467-021-21463-3>
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 and psychotic-like experiences. *Frontiers in Psychiatry*, *11*, 630104. <https://doi.org/10.3389/fpsy.2020.630104>

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*, *22*(4), e12717. <https://doi.org/10.1111/desc.12717> OSF: <https://osf.io/yp2sb/>
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 on Adolescence*, *29*(1), 32–53. <https://doi.org/10.1111/jora.12408>
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. <https://doi.org/10.1016/j.ntt.2019.106834>
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*, *31*(1), 1–14. https://doi.org/10.1162/jocn_a_01455

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. <https://doi.org/10.1016/j.dcn.2018.07.003> † 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. <https://doi.org/10.1111/cdev.12749>
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. <https://doi.org/10.1111/cdev.13022>
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. <https://doi.org/10.1371/journal.pone.0198663>
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. <https://doi.org/10.14786/flr.v6i3.369>

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. <https://doi.org/10.1111/cdev.12791>
 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. <https://doi.org/10.1093/scan/nsw133>
 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, & Behavioral Neuroscience*, *17*(4), 712–723. <https://doi.org/10.3758/s13415-017-0504-3> † 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. <https://doi.org/10.1016/j.dcn.2015.12.017>
 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. <https://doi.org/10.1016/j.neubiorev.2016.06.037>
 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. <https://doi.org/10.1111/desc.12448>
- 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. <https://doi.org/10.1523/JNEUROSCI.4764-14.2015>
 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. <https://doi.org/10.1016/j.neuroimage.2015.04.069>
 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. <https://doi.org/10.1016/j.jbtep.2014.09.009>
- 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. <https://doi.org/10.1093/scan/nst077>
 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. <https://doi.org/10.1016/j.neuroimage.2014.06.021>
 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. https://doi.org/10.1162/jocn_a_00594
- 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. <https://doi.org/10.1016/j.neuron.2013.05.028>
 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. <https://doi.org/10.1016/j.yhbeh.2012.11.018>

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. <https://doi.org/10.1093/cercor/bhs163>
- 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. <https://doi.org/10.1016/j.jbtep.2012.03.005>

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* (pp. 149-170). American Psychological Association. <https://doi.org/10.1037/14322-009>

RESEARCH GRANTS & FUNDING

Personal grants

Total personal grants: €387k

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| 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

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|------|--------------|---|
| 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 | Co-PI | 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
<i>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 was used to set up an alumni network for alumni of the Hoe?Zo! Show project.</i> |
| 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

- 2025 Paris-Jourdan science économiques, École Normale Supérieure Paris, France
 Talk: *"Social influence on adolescent risk-taking"*
- 2024 Learning and Brain Development Lab – Northeastern University, USA
 Talk: *'Towards a better understanding of the relationship between real life and lab measures of adolescent risk taking'*
- 2024 FLUX Outreach meeting, online
 Talk: *"Adolescent development, from lab to real life"*
- 2023 Developing Brains in Context Lab – University of Oregon, USA
 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
- 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

- 2025 RINO Groep conference "Mental Well-Being in Secondary Schools", Utrecht, The Netherlands
- 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

- 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

- 2017 *'Social influence on risky decision making in adolescence'*
SANS, Los Angeles, CA, USA
- 2016 *'Social influence on risky decision making in adolescence'*
FLUX, St. Louis, MO, USA
- 2015 *'Social influence on adolescent ambiguous and risky decision-making'*
FLUX, Leiden, The Netherlands
- 2014 *'Longitudinal analysis of social brain development'*
CNS, Boston, MA, USA
- 2013 *'Adolescent reward processing: a longitudinal study'*
CNS, San Francisco, CA, USA
- 2013 *'Developmental patterns of neural responses differ for self and friends'*
SRCO, Seattle, WA, USA
- 2013 *'Developmental patterns of neural responses differ for self and friends'*
NVP, Egmond aan Zee, The Netherlands
- 2013 *'Adolescent reward processing: differential contributions of affective and social brain'*
ESCON workshop, Ghent, Belgium
- 2012 *'Adolescent reward processing: differential contributions of affective and social brain'*
University of Maryland Summer School, College Park, MD, USA
- 2012 *'Developmental patterns of neural responses to rewards differ for self and friends'*

LEADERSHIP

Ongoing

- 2025 - 2027 **Treasurer** FLUX Society for Developmental Cognitive Neuroscience
- 2024 - 2028 **Advisory table** NWO Domain Social Sciences and Humanities
- 2023 - 2027 **Board member** Institute for Brain & Behavior Amsterdam (iBBA)
- 2021 - 2029 **Impact Committee**, Faculty of Behavioral and Movement Sciences, VU

Completed

- 2023 - 2025 **Director at large** FLUX Society for Developmental Cognitive Neuroscience
- 2022 - 2025 **Board member** - Dutch Organization for Developmental Psychology, (VNOP)
- 2019 - 2021 **Colloquium Committee**, Institute Brain and Behavior Amsterdam (iBBA)
- 2016 - 2018 **Social Committee**, Harvard Faculty of Arts and Sciences Postdoctoral Association

PROFESSIONAL SERVICE

- 2025 **Abstract Reviewer**, Biennial Meeting, Society for Research on Adolescence
- 2025 **Organizer** Annual Day Institute for Brain & Behavior Amsterdam
- 2025 **Jury member** Robbert Dijkgraaf essay prize
- 2025 **Moderator** – Recognition and Rewards for Early Career Scientists session, organized by Universities of The Netherlands (UNL)
- 2024 **Moderator** – Partnerday on Artificial Intelligence, organized by the Faculty of Behavioral and Movement Sciences, Vrije Universiteit Amsterdam
- 2024 **Grant Selection Committee** NWO VENI
- 2022 **Guest editor** Special Issue 'Adolescent Development' – Current Opinion in Psychology
- 2022 **Poster Prize Committee**, Dutch Society for Brain and Cognition Bi-annual meeting, Egmond aan Zee, The Netherlands
- 2020 **Grant Selection Committee** NWO VENI
- 2019 **Organiser & Moderator - Open Science Workshop** - KNAW
- 2019 **Organiser Open Science Symposium** - Institute Brain and Behavior Amsterdam (iBBA) Slides for all talks: <https://doi.org/10.6084/m9.figshare.c.4543967.v1>
- 2017 - **Invited grant reviewer** for 5 international grant agencies including the European Research Council (ERC).

2011 - Ad hoc **peer reviewer** for **27** international journals including Nature Communications, Psychological Science and Child Development.

PHD EXAMINATION COMMITTEES

2025 **Antonis Nasioulis**, Paris School of Economics, Paris, France
 2024 **Lina van Drunen**, Universiteit Leiden
 2023 **Jessica Schaaf**, Universiteit van Amsterdam
 2022 **Suzanne van de Groep**, Erasmus Universiteit Rotterdam
 2021 **Anna Tyborowska**, Radboud Universiteit Nijmegen

ACADEMIC SUPERVISION

Postdocs (ongoing)

2023 - **Hester Sijtsma**, Vrije Universiteit Amsterdam

Graduate students (ongoing)

2023 - **Tatvan Todor**, Vrije Universiteit Amsterdam
 2021 - **Rebecca van Rijn**, Vrije Universiteit Amsterdam

Graduate students (completed)

2019 - 2025 **Ana da Silva Pinho**, Universiteit van Amsterdam
 2018 - 2023 **Hester Sijtsma**, Vrije Universiteit Amsterdam
 2017 - 2025 **Sibel Altikulaç**, Vrije Universiteit Amsterdam

TEACHING

University Teaching Qualification

2015 **University Teaching Qualification (BKO)** obtained

Undergraduate level courses (BSc)

2023 - **Lecturer** Emotion, Cognition and Behavior, BSc Psychology, Vrije Universiteit
 2018 - 2021 **Course director & lecturer** Current Issues in Psychopathology, Honors programme, 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)

2024 - **Lecturer** Psychopathology, Research Master Clinical & Developmental Psychology, VU Amsterdam
 2022 - **Course developer & lecturer**, Science Communication for PhD Candidates, Graduate School Faculty of Behavioral and Movement Sciences
 2022 - **Course coordinator** Medical Neurosciences and Neuroanatomy, Research Master Cognitive Neuropsychology, VU Amsterdam
 2018 - **Lecturer** Trends in Brain and Behavior, Research Master Clinical & Developmental Psychology, VU Amsterdam
 2018 - 2024 **Lecturer** Neuroscience and Education, Research Master Clinical & Developmental Psychology, VU Amsterdam

Master Thesis Supervision

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

CONTRIBUTIONS TO SOCIETY

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

2021 - 2028 **Organizer** Hoe?Zo! Show

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 (6th 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

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.

Membership

2014 - 2016 **Member Faces of Science**, Royal Academy of Sciences, The Netherlands

Public Lectures

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

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 **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 Literacy 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

- 2025 **Contributor** ‘Sterrenkunde, seks en serendipiteit’, Veen Media
 2022 **Contributor** ‘PromovendA tot Z’, Fontaine Uitgevers
 2019 **Interview** ‘Het Grote Schuldenpreventieboek’
 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

- 2025 **Interview**, De Vriendin
 2025 **Interview**, [De Volkskrant](#)
 2024 **Interview**, [Reformatoisch 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’
 2018 **Author 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*”
 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

- 2025 **NPO Radio 1 – EenVandaag** [Interview](#) start 8:46
 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
 2019 **Panel member** at VU Library Live Talkshow on Open Science
 2017 **Interview** BNR
 2015 **Interview** Kennis van Nu
 2015 **Interview** FunX radio
 2013 **Interview** Radio 1
 2011 **Interview** Radio Rijnwoude

Television

- 2025 **Interview** [EenVandaag](#)
 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

2025 **ABN BUUT** 10 interviews and short clips
 2025 **Author** FLUX blog
 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

2025 **Lecture for parents** Hermann Wesselink College Amstelveen
 2025 **Speaker** ‘Financial decision making in youth’ – De Nederlandse Bank workshop for invited youth
 2024 **Lecture for parents** Limus College Utrecht
 2022 **Developer science module of four lessons** – primary school
This science module was part of the Hoe?Zo! Show project and reaches 4.000 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