

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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ACADEMIC POSITIONS

- 2021 - **Associate Professor (tenured)**
Department of Clinical, Neuro- and Developmental Psychology
Vrije Universiteit, Amsterdam
- 2018 - 2021 **Assistant Professor**
Department of Clinical, Neuro- and Developmental Psychology
Vrije Universiteit, Amsterdam
- 2016 - 2018 **Postdoctoral Research Fellow**
Supervisor: Prof. Dr. Leah Somerville
Affective Neuroscience and Development Lab
Harvard University

EDUCATION

- 2011-2015 **PhD**
Thesis Title: Adolescent Risk Taking
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
- 2009-2010 **Research Master**
Brain and Cognitive Sciences *Cum Laude
University of Amsterdam
- 2010 **Internship** (12 months)
Stanford Psychophysiological Laboratory (SPL)
PI: Prof. Dr. James Gross
Stanford University
- 2009 **Internship** (6 months)
Behavioral and Clinical Neuroscience Institute (BCNI)
PI: Prof. Dr. Trevor Robbins
University of Cambridge

SCIENTIFIC PUBLICATIONS

* Authored by PhD student

Preprints

34. **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
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., Utevsy, 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

Consortium grants

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

- 2023 **Co-PI**, Impact Grant, University of Amsterdam, €25k
 Consortium: Dr. Wouter van den Bos (University of Amsterdam) & Dr. Barbara Braams
- 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: Eveline Crone, Berna Guroglu, Hilleke Hulshoff-Pol, Lydia Krabbendam, Lucres 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)

Personal grants

Total personal grants: €387k

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

AWARDS AND PRIZES

- 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

- 2023 Developing Brains in Context Lab – University of Oregon
Talk: *'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 & CHAIRED SESSIONS

- 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
'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

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

Open science policy

- 2019 **Invited talk** to discuss the position of Early Career Scientists in the transition towards
- 2019 **Invited talk**, to inform members of the house of representatives and other
- 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

- 2022 - **Member of the board** Dutch Society of 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

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).

ACADEMIC SUPERVISION

Postdocs

- 2023 - Hester Sijtsma

Graduate students

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

TEACHING

University Teaching Qualification

- 2015 University Teaching Qualification (BKO) obtained

Undergraduate courses

- 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 courses

- 2022 - **Course coordinator** Medical Neurosciences and Neuroanatomy
 2018 - **Lecturer** Trends in Brain and Behavior
 2018 - **Lecturer** Neuroscience and Education

Master Thesis Supervision

- 2022 Sterre Brouwer, Vrije Universiteit
 2022 Eline Jacobs, Vrije Universiteit
 2022 Rosalie Ursinus, Vrije Universiteit/Universiteit van Amsterdam
 2022 Milan Emanuel, Vrije Universiteit
 2022 Ceyda Dilek, Vrije Universiteit
 2021 Amal Derkaoui, Vrije Universiteit
 2021 Gulud el Amary, Vrije Universiteit
 2019 Desiree Hoogenboom, Vrije Universiteit
 2019 Anass Ben Mohammed, Vrije Universiteit
 2019 Kristie van Bergen, Vrije Universiteit
 2019 Jill Blok, Vrije Universiteit/Universiteit van Amsterdam
 2019 Alida Graat, Vrije Universiteit/Universiteit van Amsterdam
 2019 Evelien van Beugen, Vrije Universiteit/Universiteit van Amsterdam
 2015 Inga Orec, Leiden University
 2015 Aleksandra Kubica, Leiden University
 2014 Dianne van der Heide, Leiden University
 2013 Nicolette Munsters, Leiden University
 2012 Jorien van Hoorn, Leiden University
 2011 Erik de Water, Leiden University

CONTRIBUTIONS TO SOCIETY

Outreach events

- 2021 - 2025 **Organizer** Hoe?Zo! Show theatre tour
Series of 18 theater shows per year
- 2019 **Organizer** Hoe?Zo! Show
The Hoe?Zo! Show is a show to increase enthusiasm for science in children. In this show children ask questions and these questions are answered by a team of 4 PhD students. The PhD students make use of a variety of attributes that are on stage. Ten PhD students were trained how to translate scientific knowledge to children aged 6-10. The Hoe?Zo! Show was part of the 'Weekend van de Wetenschap' at Utrecht University, where it was performed four times and reached ~1000 children and their parents. The show was supported by a grant from the Public Engagement Feed Fund, Utrecht University. In collaboration with Dr. L.V. de Groot, Utrecht University, I developed the show, set up the training for the PhD students and organised the final performance.
- 2016 **Co-organizer** 'Braintime-festival'
The Braintime festival was an outreach event for all participants in my PhD project. A total of 500 participants and their parents visited museum 'Corpus' in Leiden for a day filled with workshops and science.
- 2015 **Co-organizer** '3 October University'

A public event with a lecture and an interactive session in which the public could interact with scientists and participate in research

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
 2019 **Invited presentation** for local government officials and youth workers at Gemeente
 2019 **Invited presentation** for youth workers at the yearly symposium organised by
 2019 **Invited presentation** symposium Financial Literacy for Adolescents - Stichting
 2019 **Lecture** Jeugdsymposium Bergen op Zoom
 2019 **Lecture** ‘Why do adolescents take more risks than adults?’, Expeditie Next,
 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

- 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

- 2021 **Invited guest** - Nibud Geldpraat
 2017 **Interview** BNR
 2015 **Interview** Kennis van Nu
 2015 **Interview** FunX radio
 2013 **Interview** Radio 1
 2011 **Interview** Radio Rijnwoude

Television

- 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

- 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