

Barbara R. Braams, PhD

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PERSONAL PROFILE

My research focuses on adolescent neurocognitive development and decision-making. I am especially interested in (real life) risk-taking behavior and social influence on risk-taking behavior. To answer my research questions I use a variety of techniques including fMRI, computational modeling, hormone assessments and laboratory tasks. I am highly motivated to disseminate my work to the general public. I regularly participate in outreach event such as public lectures, give interviews in newspapers and on television, and I am the author of a popular science book 'Het Riskante Brein'.

ACADEMIC POSITIONS

2018 - 2022 **Assistant Professor**

Vrije Universiteit, Amsterdam
Department of Clinical, Neuro and Developmental Psychology
Position funded by a NWO VENI grant

2016 - 2018 **Postdoctoral Research Fellow**

Harvard University
Affective Neuroscience and Development Lab, PI: Prof. Dr. Leah Somerville
Position funded by a NWO Rubicon grant

EDUCATION

2015

Ph.D.

Developmental Cognitive Neuroscience, Leiden University
Thesis Title: Adolescent Risk Taking
Supervisor: Prof. Dr. Eveline Crone

2014

Visiting researcher

Harvard University
Affective Neuroscience and Development Lab, PI: Prof. Dr. Leah Somerville

2010

M.Sc. Res, Cum Laude

Brain and Cognitive Sciences, University of Amsterdam

2010

Internship (12 mos.)

Stanford University
Stanford Psychophysiological Laboratory (SPL), PI: Prof. Dr. James Gross

2009

Internship (6 mos.)

University of Cambridge, UK
Behavioral and Clinical Neuroscience Institute (BCNI), PI: Prof. Dr. Trevor Robbins

2008

B.Sc.

Psychology, University of Groningen

SCIENTIFIC PUBLICATIONS

Preprints

31. **Braams, B. R.**, Cornelisz, I., & van Klaveren, C. (2021). Using machine learning to predict the likelihood of future risk taking. <https://psyarxiv.com/vj7z6/>
30. **Braams, B.R.**, Davidow, J.Y., & Somerville, L.H. (2020). Information about others' choices selectively alters risk tolerance and medial prefrontal cortex activation across adolescence and young adulthood. *PsyArXiv*. <https://psyarxiv.com/pq8w2/>
29. Sijtsma, H., van Buuren, M., Hollarek, M., Walsh, R., Lee, N., **Braams, B.R.**, & Krabbendam, L. (2020). Social network positions, trust behavior and its neural mechanisms in young adolescents. *PsyArXiv*. <https://psyarxiv.com/7r8wm/>
28. Sijtsma, H., Lee, N., van Kesteren, M., van Buuren, M., **Braams, B.R.**, van Atteveldt, N., & Krabbendam, L. (2020). The adaptation of trust behavior and the association with friendships in adolescents. *PsyArXiv*. <https://psyarxiv.com/g5w8p/>

2021

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.

2020

26. Sijtsma, H., Lee, N. C., Hollarek, M., Walsh, R. J., Van Buuren, M., **Braams, B. R.**, & Krabbendam, L. (2020). 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.
*indicates equal author contribution
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. *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

2021	PI - NWA Science Communication, €50k
2020	Co-PI - Ammodo Science Award, €1.2M Collaboration with the Social Educational Neuroscience Amsterdam (SENSA) Team, including Prof. Dr. Lydia Krabbendam, Prof. Dr. Nienke van Atteveldt and Prof. Dr. Paul van Lange
2019	PI - Public Engagement Seed Fund, Utrecht University, €2000 Collaboration with Dr. L.V. de Groot (Utrecht University), <i>The public engagement seed fund provides grants for the development of outreach initiatives. The grant was used to develop and perform the 'Hoe?Zo! Show'. The goal of the show was to engage primary school children in science and simultaneously train young scientists in outreach activities.</i>
2017	PI - NWO VENI, €250k
2016	PI - NWO Rubicon, €135k
2014	PI - Leiden University Fund Scholarship, €2000

SCIENTIFIC AWARDS

2019	J.C. Ruigrok Award , Koninklijke Hollandsche Maatschappij der Wetenschappen, €12.500,- <i>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,</i>
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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 \$1000
- 2014 **Best abstract award**, Donders Discussions
- 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

- 2019 British Association for Psychopharmacology, Manchester, UK;
 Talk: *'Adolescent risk taking behavior: relationship with brain development'*
- 2019 Lorentz Workshop 'Capturing Developmental Brain Dynamics', Leiden, The Netherlands
 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

- 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;
 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 as part of 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

- 2020 FLUX, online conference
'Information about others' choices selectively alters risk tolerance and medial prefrontal cortex activation across 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
'Information about others' choices differentially influences adolescent and young adult decision making'
- 2018 Big Data, Little Brains, Chapel Hill, NC, USA
'Information about others' choices differentially influences adolescent and young adult decision making'
- 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 regions'
- 2013 ESCON workshop, Ghent, Belgium
'Adolescent reward processing: differential contributions of affective and social brain regions'
- 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

- 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 choices on risky decision making", 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 Open Access at the Consultation Meeting on Plan S, organised by the Netherlands Organisation for Scientific Research (NWO)
- 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"
- 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 organisation

- 2019 KNAW Open Science workshop
- 2019 iBBA Open Science Symposium

COMMITTEE MEMBERSHIP

- 2020 **Member NWO VENI selection committee**
- 2019 **Member colloquium committee**, Institute Brain and Behavior Amsterdam (iBBA)

PEER REVIEW & GRANT REVIEW

Ad hoc peer reviewer for **22** international journals including Nature Communications, Psychological Science and Child Development

Invited grant reviewer for **4** international grant agencies including the European Research Council (ERC).

ACADEMIC MENTORSHIP

Graduate research mentorship (co-promotor)

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

Undergraduate research mentorship

- 2018 Brad Riew, Harvard University
 2018 Christina Li, Harvard University

Peer mentorship for visiting graduate student

- 2016 Lisa Schreuders, Leiden University

TEACHING

University Teaching Qualification

- 2015 University Teaching Qualification (BKO) obtained

Undergraduate courses

- 2018 - **Course director** Current Issues in Psychopathology, Vrije Universiteit Amsterdam
 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

- 2018 - **Guest lecturer** Trends in Brain and Behavior
 2018 - **Guest lecturer** Neuroscience and Education

Masters Thesis Supervisor

- 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

Books

- 2017 **Author** 'Het Riskante Brein', Uitgeverij Unieboek | Het Spectrum
*** Press coverage in NRC, Algemeen Dagblad, De Morgen, Het Nieuwsblad, Trouw, Psychologie Magazine & BNR radio**
- 2017 **Co-author** 'Hoe zwaar is licht', Uitgeverij Balans

Outreach events

- 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 Seed 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

High school programs

- 2019 **Developer** of a guest lecture for high school students
Together with my team I developed a guest lecture for high school students. My team has given a total of 8 guest lectures at 5 different high schools in 2019.

Policy on adolescent financial literacy and debt

- 2019 Interview 'Het Grote Schuldenpreventieboek' ('Preventing Adolescent Debt') - Diversion
- 2019 Invited presentation at the official book launch of 'Het Grote Schuldenpreventieboek'
- 2019 Presentation for local government officials and youth workers at Gemeente Roosendaal
- 2019 Presentation for local government officials and youth workers at Gemeente Groningen
- 2019 Presentation for youth workers at the yearly symposium organised by Humanitas
- 2019 Presentation symposium Financial Literacy for Adolescents - Stichting Leerplan Ontwikkeling

Consultancy

- 2015 **Consultant** BBC documentary 'Child of Our Time'
- 2015 **Consultant** Trimbos Institute, short animation to inform parents and adolescents about drugs
- 2015 **Consultant** driving safety for adolescents, Regionaal Orgaan Verkeersveiligheid, Gelderland

Public Lectures

- 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 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

Primary School & High School

- 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 University
 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

Newspaper & Magazine articles

- 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

- 2017 Interview BNR
 2015 Interview Kennis van Nu
 2015 Interview FunX radio
 2013 Interview Radio 1
 2011 Interview Radio Rijnwoude

Television

- 2021 **Interview** NH Nieuws
 2017 **Contestant** 'Nationale Wetenschapsquiz'
 2016 Interview Channel One News 'Inside Your Brain' series
 2015 Invited guest at 'De Dokter Corrie Show'
 2013 Interview Jeugdjournaal

Performance & Art

- 2016 Volunteer 'It's only human'
It's only human is an event to teach general public about psychological biases through artwork

2016 **Contributor** 'Illusions' exhibit, Museon, Science Museum, The Hague
2015 **Contestant** 'Science Battle'
Science Battle is a science communication theater show

Online

2019 **Contributor** NOS Stories 'Minors & Online Gambling'
2016 Interview www.kennislink.nl
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**

Membership

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