

STEFAN VERMEENT

I am a postdoctoral researcher at the University of Amsterdam (Institute for Biodiversity and Ecosystem Dynamics). I use computational modeling to understand how early-life adversity shapes cognitive abilities. I enjoy developing workflows and (R) functionality to advance open science practices.



EDUCATION

- Feb 2025 | Jan 2025
• **PhD Candidate, Developmental Psychology**
Utrecht University
- June 2018 | Sep 2016
• **Research MSc. Social and Health Psychology**
Cum Laude
Utrecht University
- June 2016 | Sep 2013
• **BSc. Psychology**
With Honours
Utrecht University

RESEARCH EXPERIENCE

- Current | Mar 2025
• **Postdoctoral Researcher, Evolutionary and Population Biology, Institute for Biodiversity and Ecosystem Dynamics**
University of Amsterdam
- 2025 | 2021
• **PhD Candidate, Developmental Psychology**
Utrecht University
Max Planck Institute for the Study of Crime, Security, & Law, Freiburg
Supervision: Drs. Willem Frankenhuys, Jean-Louis van Gelder, Jaap Denissen, & Ethan Young
- 2018 | 2016
• **Graduate Research Assistant**
Utrecht University
- 2015 | 2014
• **Undergraduate research internship**
Utrecht University

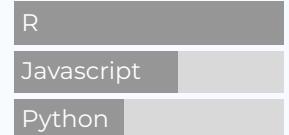
INDUSTRY EXPERIENCE

- Dec 2020 | June 2018
• **Junior Researcher, Digital Cognitive Dx venture at Philips**
Philips, Eindhoven

CONTACT

- [Email me!](#)
- [My website](#)
- [GitHub](#)
- [Twitter](#)
- [LinkedIn](#)

LANGUAGE SKILLS



GRANTS & AWARDS

- 2025 • Open Science Award for the *projectlog* R package, Open Science Community Utrecht (OSCU)
<https://openscience-utrecht.com/oscu-award/>
- 2025 • Best Article Award, Child and Adolescent Studies (CAS) research programme, Utrecht University
- 2024 • ODISSEI LISS Panel Grant
Cognitive strengths and deficits in adverse conditions: A balanced view
Role: Main applicant
Total award: €39,500
Dates: Jan 1, 2024 - Aug 1, 2025

PUBLICATIONS

- 2025 • Vermeent, S., Schubert, A.L., Denissen, J., van Gelder, J.L., & Frankenhuys, W.E. (2025). Inconclusive evidence for associations between adverse experiences in adulthood and working memory performance. *Royal Society Open Science*, 12(1), 241837. 
- 2025 • Vermeent, S., Schubert, A.-L., & Frankenhuys, W.E. (2025). Adversity is associated with lower general processing speed rather than specific executive functioning abilities. *Journal of Experimental Psychology: General*, 154(11), 3010-3028. 
- 2024 • Klaming, L., Spaltman, M., Vermeent, S., van Elswijk, G., Miller, J., & Schmand, B. (2024). Test-retest reliability and reliable change index of the Philips IntelliSpace Cognition digital test battery. *The Clinical Neuropsychologist*, 38(7), 1707-1725.. 
- 2024 • Vermeent, S., Young, E.S., DeJoseph, M.L., Schubert, A.L., & Frankenhuys, W.E. (2024). Cognitive deficits and enhancements in youth from adverse conditions: An integrative assessment using Drift Diffusion Modeling in the ABCD study. *Developmental Science*, e13478. 
- 2024 • Vermeent, S., Young, E.S., van Gelder, J.L., & Frankenhuys, W.E. (2024). Childhood adversity is not associated with lowered inhibition, but slower perceptual processing: A Drift Diffusion Model analysis. *Cognitive development*, 71, 101479. 

- 2024
- Young, E.S., **Vermeent, S.**, Frankenhuis, W.E., Nivision, M., Simpson, J.A., & Roisman, G.I. (2024). How does adversity shape performance across different abilities in the same person? *Development and Psychopathology, 1-14. 
- 2021
- Vermeent, S.**, Spaltman, M., van Elswijk, G., Miller, J.B., & Schmand, B.A., (2021). Philips IntelliSpace Cognition digital test battery: Equivalence and measurement invariance compared to traditional analog test versions. *The Clinical Neuropsychologist*, 36(8), 2278-2299. 
- 2020
- Vermeent, S.**, Dotsch, R., Schmand, B., Klaming, L., Miller, J.B., & van Elswijk, G. (2020). Evidence of validity for a newly developed digital cognitive test battery. *Frontiers in Psychology: Neuropsychology*, 1-11. 
- 2016
- Keesman, M., Papies, E.K., **Vermeent, S.**, Aarts, H., & Häfner, M. (2016). Consumption simulations induce salivation to food cues. *PLoS ONE*, 11, e0165449. 

PUBLICATIONS IN PREPARATION / PREPRINTS

- 2025
- Vermeent, S.**, Schubert, A.-L., & Frankenhuis, W.E. (2025). Cognitive modeling of decision making enhances the adversity researcher's toolbox. 

NON PEER-REVIEWED PUBLICATIONS

Asterisk denotes shared first-authorship

- 2025
- DeJoseph, M. L.*, **Vermeent, S.***, Wiechert, S.*, Blakey, E., & Frankenhuis, W. E. ' Strengths alongside struggles Infographic; science communication. 

CONFERENCE, SYMPOSIUM, & WORKSHOP TALKS

- 2025
- Symposium: SRCD 2025 Biennial Meeting, Minneapolis, USA
- 2024
- CAS research day, Utrecht, The Netherlands.
- 2024
- Symposium: CogSci 2024, Rotterdam, The Netherlands
- 2024
- Symposium: 27th Biennial Meeting of the ISSBD, Lisbon, Portugal

- 2023 • Symposium: International Convention of Psychological Science, Brussels, Belgium.
- 2022 • CAS research day, Utrecht, The Netherlands
- 2022 • European Human Behaviour and Evolution Association, online.

DEPARTMENTAL OR INSTITUTE TALKS

§ denotes invited talk

- 2025 • Amsterdam Mathematical Psychology Laboratory, University of Amsterdam, Amsterdam, The Netherlands
- 2025 • § Weinberg Institute for Cognitive Science, University of Michigan, Ann Arbor, USA
- 2025 • § Expertisecentrum MGGZ, Utrecht Medical Center, Utrecht, The Netherlands
- 2024 • § Genetic Epidemiology, Amsterdam Medical Center (AMC), Amsterdam, The Netherlands
- 2024 • § Language and Cognition Lab, Stanford University, USA.
- 2024 • § Laboratory for Stress Assessment and Research, University of California, Los Angeles (UCLA), USA.
- 2024 • § Center on Early Childhood, Stanford University, USA.
- 2024 • § Johannes Gutenberg University, Mainz, Germany
- 2024 • § LIFE-MAP lab, King's College London, London, England
- 2023 • Developmental Psychology, Utrecht University, Utrecht, The Netherlands
- 2023 • § Goal Lab, Utrecht University, Utrecht, The Netherlands

- 2023 • Programming Cafe, Utrecht University, Utrecht, The Netherlands
- 2022 • the Decision-Making in Conditions of Adversity (DMCA) research group, online.
- 2022 • § Analysis and Modeling of Complex Data group, Johannes Gutenberg University, Mainz, Germany.

💬 POSTERS

- 2024 • CogSci 2024, Rotterdam, The Netherlands.
- 2023 • European Conference on Developmental Psychology (ECDP), Turku, Finland.
- 2022 • Human Behavior & Evolution Society, online.
- 2019 • The National Academy of Neuropsychology, Inc. (NAN) 39th Annual Conference, San Diego, USA
- 2019 • The National Academy of Neuropsychology, Inc. (NAN) 39th Annual Conference*, San Diego, USA
- 2018 • The American Academy of Neurology (AAN) Annual Meeting, Philadelphia, USA

💬 WORKSHOPS

- 2025 • Topic: Creating a reproducible workflow in R
📍 Utrecht University (January)
[Materials](#)
- 2024 • Topic: Multiverse analysis
📍 Stanford University, USA (March)
📍 Utrecht University, the Netherlands (April)
📍 Mainz University (May)
[Materials](#)
- 2024 • Topic: Preregistration
📍 Max Planck Institute for the Study of Crime, Security and Law, Freiburg, Germany (April)
[Materials](#)

- 2023
- Title: 'Open science: From theory to test. European Conference on Developmental Psychology (ECDP), August 2023
[Materials](#)

R PACKAGES

- 2023
- multitool: Run multiverse style analyses. <https://CRAN.R-project.org/package=multitool>

2023

 - projectlog. <https://stefanvermeent.github.io/projectlog/index.html>

TEACHING EXPERIENCE

- **Advanced Research Methods and Statistics for Psychology**
Teaching assistant  Utrecht University
- **Bachelor Thesis supervision**
Supervision  Utrecht University
- **Adolescent Development**
Teaching Assistant  Utrecht University
- **21st century and the modern human**
Lecture on developmental plasticity  Utrecht University
- **Minor track *Evolution of Plasticity and Learning***
Lecture on exploration and exploitation  University of Amsterdam

ACADEMIC SERVICES AND MEMBERSHIPS

- Current
|
2023
- **CERA Network (Communicating and Expanding Research on Adversity Network)**
Member
- Current
|
2021
- **Decision Making in Contexts of Adversity (DMCA) Network**
Member
- 2025
|
2023
- **Department PhD Chair**  Utrecht University
- 2024
|
2023
- **Department Coordination Team**  Utrecht University
- 2024
- **Member of research review committee for the Institute Brain and Behaviour Amsterdam (iBBA), Vrije Universiteit**
Member



REVIEWS

- 2025 • **Developmental Science**
Editor: Dr. de Smedt, 2 rounds
- 2025 • **Communications Psychology**
Editor: Dr. Schubert, 2 rounds
- 2025 • **Development and Psychopathology**
Editor: Dr. Roisman, 1 round
- 2025 • **Trends in Cognitive Science**
Editor: Dr. Walker, 1 round
- 2025 • **Developmental Science**
Editor: Dr. Gredebäck, 1 round
- 2025 • **Developmental Science**
Editor: Dr. Ossmy, 1 round
- 2024 • **Crime & Delinquency**
Editor: Dr. van Gelder & Dr. Barnum, 1 round
- 2024 • **Developmental Science**
Editor: Dr. de Haan, 1 round
- 2024 • **JCCP Advances**
Editor: Dr. Larsson, 2 rounds
- 2023 • **Trends in Psychology**
Editor: Dr. Coscioni, 1 round
- 2023 • **Journal of Adolescence**
Editor: Dr. Darling, 1 round
- 2022 • **Child Development**
Editor: Dr. Amso, 2 rounds
- 2022 • **Journal of Cognitive Development**
Editor: Dr. Marcovitch, 2 rounds