

Marion I. van den Heuvel, Ph.D.

CURRICULUM VITAE

Tilburg University
Department of Cognitive Neuropsychology
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EDUCATION & TRAINING

- 2016 **Ph.D., Developmental Psychology**, Tilburg University
Dissertation: *"The influence of prenatal exposure to maternal anxiety and mindfulness on neurocognitive functioning in infants and young children."*
- 2012 **Research Master Social and Behavioral Science (cum laude)**, Tilburg University
Major: Psychology – Minor: Psychology and Health
- 2009 **Bachelor Health Science**, Maastricht University
Major: Mental Health Science – Minor: Mental Health Science – Therapy

PROFESSIONAL POSITIONS & EXPERIENCE

- 2018 – Current **Assistant Professor (Tenured)**
Department of Cognitive Neuropsychology
Tilburg University, The Netherlands
- 2016 – 2018 **Research Scientist (joint appointment)**
Perinatal Neural Connectivity Unit, Perinatology Research Branch, Eunice Kennedy Shriver
National Institute of Child Health and Human Development (NICHD)/National Institutes of
Health (NIH)/Department of Health and Human Services (DHHS), Detroit, MI
- 2016 – 2018 **Postdoctoral Fellow (joint appointment)**
Research in Biobehavioral Health in Urban Settings Today (RoBUST)
Merrill Palmer Skillman Institute for Child and Family Development, Wayne State
University, Detroit, MI. Mentor: Dr. Moriah Thomason
- 2015 **ERASMUS fellow**, Leibniz Institute for Age Research, Jena, Germany
- 2012 **Visiting Researcher**, VU medical Center, Amsterdam.
- 2010 – 2012 **Teaching Assistant**, Department of Methods & Statistics, Tilburg University
- 2012 **Visiting Researcher**, Developmental Psychology Research Group, University of East London
- 2008 – 2009 **Tutor Problem-Based Learning**, Health Sciences, Maastricht University

HONORS, AWARDS & FELLOWSHIPS

2021	Nominated for New Scientist Science Talent 2021 (final 10)
2019	Research Exchange Award to Cambridge University, Erasmus+ Programme (cancelled, C-19)
2018	Flux Travel Award, Flux Society - Developmental Cognitive Neuroscience
2017	Trainee Award, Developmental Origins of Health and Disease (DOHaD) US Society
2017	Postdoctoral Symposium Presentation Award, 1 st place, Wayne State University
2017	Early Career Travel Award, Society for Research in Child Development (SRCD)
2015	Postdoctoral Fellowship Award, Wayne State University
2014	Service Award, Department of Developmental Psychology, Tilburg University
2014	Research Exchange Award to Jena University Hospital, Erasmus+ Programme
2012	Cum Laude, distinction for Master, Tilburg University
2012	Nomination Best Research Master thesis, Tilburg University

PUBLICATIONS

Published

van den Heuvel, M.I., Seuntjens, T., Lewis, T., & Zeelenberg, M. (in press). Greed in Children is Associated with Less Sharing Behavior.

Muskens, L., Boekhorst, M. G. B. M., Kop, W. J., **van den Heuvel, M. I.**, Pop, V. J. M., & Beerthuisen, A. (2022). The association of unplanned pregnancy with perinatal depression: a longitudinal cohort study. *Archives of women's mental health*, 1-10.

van den Heuvel, M.I., Vacura, S.V., Boekhorst, M.G.B.M., Cloin, M., van Bakel, H. Riem, M.M.E., de Weerth, C., & Beijers, R. (2022). Parents of young infants report poor mental health and more insensitive parenting during the first Covid-19 lockdown. *BMC Pregnancy and Childbirth*, 22(1), 302.

van den Heuvel, M.I. (2022). From the Womb into the World: Protecting the Fetal Brain from Maternal Stress during Pregnancy. *Policy Insights from the Behavioral and Brain Sciences*, 9(1), 96-103.

Turk, E. Vroomen J.J., Fonken Y., Levy, J., & **van den Heuvel, M.I.** (2022). In sync with your child: The potential of parent-child EEG in developmental research. *Developmental Psychobiology*, 64(3), e22221.

van den Heuvel, M.I., Bülow, A., Heininga, V.E., de Moor, E.L., Janssen, L., Vanden Abeele, M., & Boekhorst, M.G.B.M. (2021). Tracking infant development with a smartphone: A practical guide to the Experience Sampling Method. *Frontiers in Psychology*, 12, 5539.

Vacaru, S., Beijers, R., Browne, P. D., Cloin, M., van Bakel, H., **van den Heuvel, M. I.**, & de Weerth, C. (2021). The risk and protective factors of heightened prenatal anxiety and depression during the COVID-19 lockdown. *Scientific Reports*, 11(1), 20261.

Cao, L. *, **van den Heuvel, M.I.***, Huse, K., Platzer, M., Elgbeili, G., Braeken, M.A.K.A., Otte, R.A., Witte, O.W., Schwab, M., & Van den Bergh, B.R.H. (in press). Role of Epigenetic Modifications Involved in Maternal Anxiety During Pregnancy and Children's Behavioral Problems. *Cells*. *Shared first authorship.

Visser, I., Bergmann, Ch., Byers-Heinlein, K., Dal Ben, R., Duch, W., Forbes, S., Franchin, L., Frank, M., Geraci, A., Hamlin, J.K., Kaldy, Z., Kulke, L., Lavery, C., Lew-Williams, C., Mateu, V., Mayor, J., Moreau, D., Nomikou, I., Schuwerk, T., Simpson, E., Singh, L., Soderstrom, M., Sullivan, J., **van den Heuvel, M.I.**, Westermann, G., Yamada, Y., Zaadnoordijk, L., & Zettersten, M. (2021). Improving the generalizability of infant psychological research: The ManyBabies model. *Behavioral and Brain Sciences*, 4.

- Rutherford, S., Sturmfels, P., Angststadt, M., Hect, J.L., Wiens, J., **van den Heuvel, M.I.**, Scheinost, D., Sripada, C., & Thomason, M.E. (2021). Automated Brain Masking of Fetal Functional MRI with Open Data. *Neuroinformatics*, 1-13.
- van den Heuvel, M.I.** (2021). Intergenerational transmission of childhood adversity-related risk: Fetal brain programming as potential mechanism (invited commentary). *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 6, 385-386.
- van den Heuvel, M.I.**, Hect, J.L., Smarr, B.L., Qawasmeh, T., Kriegsfeld, L.J., Barcelona, J., Hijazi, K.E. & Thomason, M.E. (2021). Maternal stress during pregnancy alters fetal cortico-cerebellar connectivity in utero and increases child sleep problems after birth. *Scientific Reports*, 11, 2228.
- Boekhorst, M.G.B.M., Muskens, L., Hulsbosch, L.P., Van Deun, K., Berging, V., Pop, V.J.M., **van den Heuvel, M.I.** (2021). The COVID-19 outbreak increases maternal stress during pregnancy, but not the incidence of postpartum depression. *Archives of Women's Mental Health*, 8, 1-7.
- Gholampour, F., Riem, M.M.E., & **van den Heuvel, M.I.** (2020). Maternal brain in the process of maternal-infant bonding: Review of the Literature. *Social Neuroscience*, 15, 380-384.
- Van den Bergh, B. R. H., **van den Heuvel, M.I.**, Lahti, M., Braeken, M.A., de Rooij, S.R., Entringer, S., Hoyer, D., Roseboom, T. J., Räikkönen, K., King, S., & Schwab, M. (2020). Prenatal developmental origins of behavior and mental health problems: the influence of maternal stress in pregnancy. *Neuroscience and Biobehavioral Reviews*, 117, 26-64.
- Barcelona, J., Fahlman, M., Churakova, Y., Canjels, R. Mallare, J., & **van den Heuvel, M.I.** (2020). Frontal alpha asymmetry during prayerful and resting states: An EEG study in Catholic Sisters. *International Journal of Psychophysiology*, 155, 9-15.
- McLean, M., Van den Bergh, B.R.H., Baart, M., Vroomen, J., **van den Heuvel, M.I.** (2020). The Late Positive Potential (LPP): A neural marker of internalizing problems in early childhood. *International Journal of Psychophysiology*, 155, 78-86.
- van de Ven, M.C.J., **van den Heuvel, M.I.**, Bhogal, A., Lewis, T., & Thomason, M.E. (2020). Impact of maternal childhood maltreatment on child behavioral problems: The role of child frontal alpha asymmetry. *Developmental Psychobiology*, 154-169.
- Turk, E., **van den Heuvel, M.I.**, Benders, M.J.N.L., de Heus, R., Franx, A., Manning, J.H., Hect, J.L., Hernandez-Andrade, E., Hassan, S.S., Romero, R., Kahn, R.S., Thomason, M.E., & van den Heuvel, M.P. (2019). Functional connectome of the fetal brain. *Journal of Neuroscience* 39, 9716-9724.
- Barraza, P., Dumas, G., Liu, H., Blanco-Gomez, G., **van den Heuvel, M.I.**, Baart, M., & Pérez, A. (2019). Implementing EEG hyperscanning setups. *MethodsX*, 6, 428-436.
- Wong, K., Hicks, L.M., Seuntjens, T.G., Trentacosta, C.J., Hendriksen, T.H., Zeelenberg, M., & **van den Heuvel, M.I.** (2019). The role of mindful parenting in individual and social decision-making in children. *Frontiers in Psychology*, 10, 550-550.
- Henrichs, J., **van den Heuvel, M.I.**, Witteveen, A.B., Wilschut, J., & Van den Bergh, B.R.H. (2019). Does Mindful Parenting Mediate the Association between Maternal Anxiety during Pregnancy and Child Behavioral/Emotional Problems? *Mindfulness*. Epub ahead of print.

- van den Heuvel, M.I.**, Turk, E., Manning, J.H., Hect, J., Hernandez-Andrade, E., Hassan, S.S., Romero, R., van den Heuvel, M.P., Thomason, M.E. (2018). Hubs in the Human Fetal Brain Network. *Developmental Cognitive Neuroscience*, 30, 108-115.
- Bockneck, E., Richardson, P.A., **van den Heuvel, M.I.**, Qipo, T., Brophy-Herb, H.E. (2018). Sleep moderates the association between routines and emotion regulation in toddlers in poverty. *Journal of Family Psychology*, 32, 966-974.
- van den Heuvel, M.I.**, Assen, M. & Glover, V., Cleas, S., Van den Bergh, B.R.H. (2018). Association between maternal psychological distress and cortisol during pregnancy: A mixed-models approach. *Psychoneuroendocrinology*, 96, 52-60.
- van den Heuvel, M.I.**, Donkers, F.C.L., Henrichs, J., & Van den Bergh, B.R.H. (2018). Children prenatally exposed to maternal anxiety devote more attentional resources to neutral pictures. *Developmental Science*, 21, e1261.
- Thomason, M.E., Hect, J., Waller, R., Manning, J.H., Stacks, A.M., Beeghly, M., Boeve, J.L, Wong, K., **van den Heuvel, M.I.**, Hernandez-Andrade, E., Hassan, S.S., Romero, R. (2018). Prenatal neural origins of infant motor development: Associations between fetal brain and infant behavioral development. *Development & Psychopathology*, 30, 763–772.
- van den Heuvel, M.I.** & Thomason, M.E. (2016). Functional connectivity of the human fetus before birth. *Trends in Cognitive Sciences*, 20, 931–939.
- van den Heuvel, M.I.**, Otte, R.A., Braeken, M.A.K.A., Winkler, I., Kushnerenko, E., & Van den Bergh, B.R.H. (2015). Differences between human auditory event-related potentials (AERPs) measured at 2 and 4 months after birth. *International Journal of Psychophysiology*, 97, 75-83.
- van den Heuvel, M.I.**, Johannes, M.A., Henrichs, J., & Van den Bergh, B.R.H. (2015). Maternal mindfulness during pregnancy as related to infant socio-emotional development and temperament: The mediating role of maternal anxiety. *Early Human Development*, 91, 103-108.
- van den Heuvel, M.I.**, Donkers, F.C., Winkler, I., Otte, R.A., & Van den Bergh, B.R.H. (2015). Maternal mindfulness and anxiety during pregnancy affect infants' neural responses to sounds. *Social Cognitive and Affective Neuroscience*, 10, 453-460.

Submitted/Under review

van den Heuvel, M.I., Monk, C., Hect, J.L., Lee, S., Feng, T., & Thomason, M.E. (in preparation). Intergenerational Transmission of Maternal Childhood Maltreatment Prior to Birth: Effects on Fetal Brain Functional Connectivity.

Boekhorst, M.G.B.M., **van den Heuvel, M.I.** (in preparation). The Baby-Related Anxiety and Behavior Inventory (BABI): An Experience Sampling Questionnaire.

PROFESSIONAL PRESENTATIONS

Invited Presentations (top 10 pick)

van den Heuvel, M.I. *Brains in sync project: Maternal pre- and postnatal anxiety and mother-infant neural synchrony*. Invited presentation at UEL BabyLab, October 2021. Role: Invited speaker (digital).

- van den Heuvel, M.I.** *Adjusting your stress and development studies to COVID-19 restrictions.* Invited presentation for panel discussion on COVID-19 and infant studies at the International Conference on Infant Studies (ICIS), Virtual conference, July 2020. Role: Invited speaker.
- van den Heuvel, M.I.** *Accelerated maturation of fetal amygdala function connectivity in response to maternal childhood trauma exposure.* Paper presented at the Dutch Baby Brain and Behavior Network meeting at Utrecht, The Netherlands, July 2019. Role: Invited speaker.
- van den Heuvel, M.I.** *The Out-of-Sync hypothesis: Mother-infant interactions in the context of maternal prenatal anxiety.* Paper presented at the International Perinatal Brain and Behavior Network pre-conference at the International Society of Developmental Psychobiology (ISDP) meeting, San Diego, CA, USA, November 2018. Role: Invited speaker & Organizer.
- van den Heuvel, M.I.** *The influence of Maternal Stress during Pregnancy on Toddlers' Sleep Problems: The Role of Cortico-Cerebellar Connectivity in utero.* Flux Society of Developmental Cognitive Neuroscience Meeting, Berlin, Germany, August 2018. Role: Invited speaker.
- van den Heuvel, M.I.** *From the Womb into the World: Brain Development from Fetus to Preschooler.* Invited presentation at Icahn School of Medicine at Mount Sinai, New York City, USA, May 2018. Role: Invited speaker.
- van den Heuvel, M.I.** *Maternal Intrauterine Stress Programming of Human Fetal Neural Network Efficiency.* Paper presentation as part of symposium 'Nevertheless, she persisted: Successful Female Postdocs Explore the Consequences of Early-Life Adversity in Males and Females' at International Society for Developmental Psychobiology Annual Meeting, Washington DC, USA, November, 2017. Role: Invited speaker.
- van den Heuvel, M.I.** *Pregnancy: A Critical Period For Brain Development.* Invited talk for the Developmental Neuroscience Series of the Perinatology Research Branch, NIH/NICHD, Detroit, MI, USA, April 2016. Role: Invited speaker.
- van den Heuvel, M.I.,** Huse, K., Platzer, M., Schwab, M., & Van den Bergh, B.R.H. *Epigenetic Modifications Associated With Maternal Anxiety During Pregnancy: DNA-methylation in Buccal Cells of 4-year-olds.* Invited talk at Jena University Hospital, Jena, Germany, September 2015. Role: Invited speaker.
- van den Heuvel, M.I.** *Prenatal Stress and (Neuro)behavior of Infants and Children. Results From the BrainAGE Project in Tilburg.* Invited talk at the Symposium 'Prenatal Stress and Brain Disorders Later in Life' in Berlin, Germany, September 2015. Role: Invited Speaker.

Peer-Reviewed Oral Presentations (top 5 pick)

- van den Heuvel, M.I.** *Intergenerational Transmission of Maternal Childhood Maltreatment Prior to Birth: Effects on Human Fetal Amygdala Functional Connectivity.* Paper presented at International Society for Developmental Psychobiology (ISDP) Meeting, Hybrid, November 2021. Role: Presenter.
- van den Heuvel, M.I.** *The Baby-Related Anxiety and Behavior Inventory (BABI): An Experience Sampling Questionnaire.* Paper presented at the International Society for Ambulatory Assessment (SAA) meeting, digital, June 2021, as part of a symposium on ESM in developmental psychology. Role: Presenter.
- van den Heuvel, M.I.** *From the womb into the world: Early brain development from fetus to preschooler.* Research overview presented at the International Society for Psychological Sciences (ICPS) meeting, Paris, France, March 2019, as part of a symposium on early brain development. Role: Presenter.
- van den Heuvel, M.I.** *The influence of Maternal Stress during Pregnancy on Toddlers' Sleep Problems: The Role of Cortico-Cerebellar Connectivity in utero.* Paper presented at the International Society of Developmental Psychobiology (ISDP) meeting, San Diego, CA, USA, November 2018. Role: Presenter.
- van den Heuvel, M.I.,** Henrichs, J., Donkers, F.C.L., Van den Bergh, B.R.H. *Prenatal exposure to maternal anxiety and emotion processing at age 4 years: an event-related potential study.* Paper presented at International conference of Developmental Origins of Health and Disease (DOHaD) Society, Rotterdam, The Netherlands, October 2017. Role: Presenter.

Peer-Reviewed Poster Presentations (top 5 pick)

- Boekhorst, M.G.B.M., **van den Heuvel, M.I.** *Postpartum baby-related anxiety and behavior: an Experience Sampling Methods study*. Poster presented at International Society for Developmental Psychobiology (ISDP) Meeting, Hybrid, November 2021. Role: PI.
- Cios, E., Turk, E., Levy, J., **van den Heuvel, M.I.** *The impact of maternal anxiety on infant and maternal frontal alpha asymmetry in the Still Face Paradigm*. Poster presented at International Society for Developmental Psychobiology (ISDP) Meeting, Hybrid, November 2021. Role: PI.
- van de Ven, M., Thomason, M.E., Bhogal, A., Jayatilake, P., Lewis, T., Ajrouche, H., Hammond, J., **van den Heuvel, M.I.** *Impact of maternal childhood trauma on child behavioral problems: The role of child frontal alpha asymmetry*. Poster presented Flux Society of Developmental Cognitive Neuroscience, Berlin, Germany, August 2018. Role: Senior author and primary mentor.
- Jayatilake, P., Al, M.G.E., Kramer, E.A.J., Cullen, J., Bragt, M.A., Stacks, Ann, Zeelenberg, M., Seuntjens, T.G., **van den Heuvel, M.I.** (2017). *The Role of Mindful Parenting in Choice-Related Emotion Regulation in Children*. Poster presentation at Society for Research in Child Development (SRCD) Biennial Meeting, Austin, Texas, USA, April, 2017. Role: Senior author and primary mentor.
- van den Heuvel, M.I.**, Manning, J.H., Hect, J.E., Marshall, N., & Thomason, M.E. (2016). *Hubs in the Fetal Brain Network*. Poster presented at the FLUX society for Developmental Cognitive Neuroscience Conference, St. Louis, MO, USA, September 2016. Role: presenter.

RESEARCH GRANTS

- 2021 – 2024 Bernard van Leer Foundation
Project Taalschatten (Language Treasures; PI: Number 5 Foundation).
Role: Co-Principle Investigator; €100.000
- 2021 – 2024 Ministry of Public Health (VWS), The Netherlands (*Kansrijke Start*)
Project Taalschatten (Language Treasures; PI: Sitskoorn & Number 5 Foundation).
Role: Co-Principle Investigator; €300.000
- 2020 – 2022 Herbert Simon Research Institute, Tilburg University – Project grant
Pregnant during a pandemic: A natural experiment of prenatal stress
Role: Principle Investigator; €10.000
- 2020 – 2022 Sara van Dam Project Grant – KNAW (Royal Dutch Academy of Science)
Connected brains in mother-infant dyads - The role of neural synchrony in intergenerational transmission of trauma: A cross-cultural study (PI: van den Heuvel);
Role: Principle Investigator; €81.000
- 2020 – 2023 Veni grant – NWO (Dutch Research Foundation)
VI.Veni.191G.025, *Brains in Sync: Identifying the effects of mother's anxiety during pregnancy on mother-infant neural synchrony* (PI: van den Heuvel);
Role: Principle Investigator; €250.000
- 2019 Erasmus+ Staff Exchange (**Cancelled due to COVID-19 travel restrictions**)
Work visit to Cambridge University, UK, Dr. Vicky Leong's lab
Role: Visiting Researcher; €800
- 2016 – 2018 Wayne State University
Postdoctoral Fellowship Award, Research in Biobehavioral Health and Urban Settings Today (RoBUST) Program; Award funds 2-year postdoctoral salary and research-related expenses up to \$5,000; Role: Postdoctoral Researcher

- 2016 - 2018 National Institute of Mental Health (NIMH)
R01 MH110793, *In Utero Assessment of the Human Neural Connectome and Later Child Behavior* (PI: Thomason); Role: Postdoctoral Researcher
- 2014 Erasmus+ Programme
Grant supported travel, accommodation and per diem for a research internship to the Leibniz Institute for Age Research, Jena, Germany to receive training in epigenetics and DNA methylation analysis; Role: Visiting Researcher; €1500

TEACHING EXPERIENCE

- 2020 – Current **Coordinator & Lecturer**, Developmental Neuropsychology, Master's Cognitive Neuropsychology, Tilburg University.
- 2019 – Current **Lecturer**, Biological Correlates of Individual Differences, Research Master Individual Differences and Assessment (IDA), Tilburg University
- 2018 – Current **Lecturer Statistics & SPSS practicum**, Research Skills in Psychology, Undergraduate Psychology, Tilburg University
- 2018 – 2020 **Coordinator & Lecturer**, Social Neuroscience, Undergraduate Psychology, Tilburg University
- 2018 – 2019 **Instructor**, Academic Skills I & II, Undergraduate Psychology, Tilburg University
- 2018 **Instructor**, Professional Development, Undergraduate Psychology, Tilburg University
- 2017 **Instructor**, Responsible Conduct of Research (GS 0900), Graduate, Wayne State University
- 2014 **Instructor**, Practicum Psychological Research, Tilburg University
- 2012, 2013 **Lecturer**, Statistics for your Master Thesis, Master Psychology and Mental Health, Tilburg University
- 2010 – 2012 **Instructor**, Methods & Statistics A-E, Undergraduate Psychology, Tilburg University
- 2009 **Tutor**, 1.1. Healthy Living, Undergraduate, Health Sciences, Maastricht University
- 2009 **Trainer**, Problem-Based Learning, Undergraduate, Health Sciences, Maastricht University
- 2008 **Tutor**, 2.5.5. Depression, Undergraduate, Health Sciences, Maastricht University
- 2008 **Tutor**, Academic Skills I, Undergraduate, Health Sciences, Maastricht University

TEACHING TRAINING & CERTIFICATES

- 2019 Basic Qualification Teaching, Tilburg University
- 2018 M-Plus workshop, Tilburg University
- 2017 Micro-aggression training, Wayne State University
- 2017 Leadership training, Wayne State University
- 2016-2018 Team Science Training for Postdoctoral Scientists, Wayne State University
- 2009 Problem-based Learning training, Maastricht University
- 2009 Tutor Training, Maastricht University

MENTORING & SUPERVISION

- 2021 – Current **Supervisor**, Master Thesis, Cognitive Neuropsychology, Tilburg University (10+ students)
- 2020 – Current **Supervisor & Mentor**, Erasmus+ Exchange, Research Internships (2 students)
- 2020 – Current **Postdoctoral supervisor**, 2 current postdocs, Tilburg University
- 2020 – Current **Co-promotor**, Lotte Muskens, Tilburg University
- 2019 – Current **Co-supervisor**, Yulia Churakova, Wayne State University, Detroit, MI
- 2019 – Current **Co-supervisor**, Daniel Mulligan, Wayne State University, Detroit, MI
- 2018 – Current **Internship coordinator**, Department of Cognitive Neuropsychology, Tilburg University
- 2019 – Current **Primary mentor**, Research Master Internship, Tilburg University (3 student)
- 2019 – Current **Supervisor**, Master Thesis, Medical Psychology, Tilburg University (10+ students)
- 2018 – Current **Supervisor**, Bachelor Thesis, Cognitive Neuro, Tilburg University (20+ students)
- 2017 – 2018 **Primary mentor**, Research Master Internship & Thesis, University of Amsterdam (1 student)
- 2017 – 2018 **Supervisor**, Senior Bachelor Thesis, Wayne State University (1 student)

- 2016 – 2018 **Research mentor**, Thomason’s SCAN Lab, Wayne State University (15 students)
 2017 – 2018 **ReBUILD Detroit Co-mentor** – *National Institutes of Health (NIH)* (3 students)
 2012 – 2015 **Research mentor**, Developmental Psychology, Tilburg University (5 students)
 2013 – 2016 **Supervisor**, Bachelor Thesis, Developmental Psych, Tilburg University (30+ students)

COMMUNITY SERVICE & OUTREACH ACTIVITIES

- 2021 – Current **Creative Director**, Insights Lab, Tilburg University & LocHal Library Tilburg
 2018 – Current **Founder & Content Manager**, YouTube Channel “Developmental Neuroscience Videos”. Demonstrations, tutorials, and tips on Developmental Neuroscience.
 2008 – Current **TOP-teacher & Assignment developer**, Digital TOP-school, part of Dutch Foundation for Cognitive Talent. Goal: providing extracurricular assignments for gifted elementary school children and supervision over the internet.
 2022 **Invited Speaker**, *Beginnersgeluk* – meeting for midwives, Radboud University Nijmegen, “The effect of COVID-19 on mothers and fathers in the perinatal period”.
 2022 **Invited Speaker**, Taalschatten Meeting, Waalwijk, “Why the first 2 years are extremely important for language development”.
 2022 **Moderator**, Taalschatten brainstorm session, Waalwijk
 2021 **Panelist**, InScience Filmfestival On Tour, In Silico
 2021 **Invited Speaker (video)**, SmartStart (<https://programmasmartstart.nl/>)
 2021 **Invited Speaker**, Lowlands Science (*Cancelled due to Covid-19*)
 2021 **Member Workgroup**, Critical evaluation of Dutch education system, Skepsis Foundation, The Netherlands
 2020 **Member Advisory board**, COVID-19 advice on vaccination of pregnant and expecting mothers, St. Elizabeth Hospital, Tilburg University
 2020 **Member Expert Panel**, Innovating Swimming lessons for young children, Fieldlab Swimming, The Netherlands
 2019 **Invited speaker**, Night University Junior, “Executive functioning and board games”.
 2019 **Invited speaker**, Human library Junior Utrecht, “Stereotypes in the developing brain”.
 2019 **Invited speaker**, Human library Tilburg, “Stereotypes in the developing brain”.
 2019 **“Human book”**, Human library Tilburg, Title of book: Intellectual giftedness.
 2016-2018 **Volunteer**, Brain Day, Wayne State University & Michigan Science Centre
 2016 **Facilitator** at “Giant Steps Teen Conference”, Merrill Palmer Skillman Institute
 Task: facilitate discussion in groups of 8 teens
 2016 **Volunteer Researcher**, Lead Day, talking to legislators about the dangers of lead for children and pregnant women at Lansing, MI
 2014 – 2015 **Invited speaker**, Night University, Tilburg University.
 2012 – 2015 **Supervisor**, Baby Lab-tours for elementary and high school students, Tilburg University, via Science Junction Brabant
 2015 **Invited speaker**, *Ask a Developmental Neuroscientist*, presentation based on science-related questions from parents, Kinderstad Day Care Centre, Tilburg, The Netherlands
 2015 **Invited speaker**, *My life as a Developmental Neuroscientist*, presentation at Willem II Middle School, Scientific Orientation Netherlands (WON)
 2014 **Lecturer**, *Developmental Neuropsychology*, weekend school for minority and underrepresented students, Tilburg University
 2014 **Panel expert**, Scientific Orientation Netherlands (WON), high-school students presenting their science projects
 2013 **Invited speaker**, Junior Science Café for gifted elementary school children
 2009 – 2011 **Volunteer/Mentor** at Foundation Child Phone (Dutch: Kindertelefoon), Task: talking to children over phone and chat, helping with problems, answering question.

PROFESSIONAL SERVICE

Grant reviewing

- 2021 **Grant reviewer**, New Frontiers in Research Fund, Government of Canada
2020 **Grant reviewer**, Social Sciences and Humanities Research Council of Canada – SSHRC Insight Grant proposal Program
2019 **Grant reviewer**, Israel Science Foundation – Personal Research Grants

Other service

- 2019 – Current **Pre-conference program director**, International Society of Developmental Psychobiology
2018 – Current **Director**, International Perinatal Brain and Behavior Network pre-conference at the International Society of Developmental Psychobiology (ISDP) meeting.
2020, 2021 **Program Committee member**, Workshop on Bridging Social Sciences and AI for Understanding Child Behavior, International Conference on Multimodal Interaction, 2020
2020 – 2021 **Committee member**, Master Thesis Committee, Psychology, Tilburg University
2020 – 2021 **Committee member**, Bachelor Thesis Committee, Psychology, Tilburg University
2019 – 2020 **Symposium reviewer**, International Society for Developmental Psychobiology (ISDP)
2018 **Poster Judge**, International Society for Developmental Psychobiology (ISDP), San Diego
2018 **Organizer**, Pre-conference for International Society of Developmental Psychobiology (ISDP)
2018 **Abstract reviewer**, Society for Research in Child Development (SRCD), Baltimore, USA
2018 **Poster Judge**, Society for Neuroscience (SfN) Michigan Chapter, Detroit, USA
2018 **Poster Judge**, BrainStorm 2018, Wayne State University
2016 – 2018 **Organizer**, Biweekly SCAN Lab Meetings, Wayne State University
2016 – 2017 **Abstract reviewer**, RoBUST symposium, Wayne State University

OPEN SCIENCE

- 2020 – Current COvid-19 and Perinatal Experiences (COPE) study OSF page – <https://osf.io/uqhcv/>
Sharing questionnaires (translated in EN, SP, NL) and protocol
2021 – Current Baby-Related Anxiety and Behavior Inventory (BABI) OSF page – <https://osf.io/3tznb/>
Sharing questionnaire (translated in EN, NL) and protocol, dataset (when collection completed)
2018 – Current YouTube Channel “Developmental Neuroscience Videos”. Demonstrations, tutorials, video abstracts, and tips on Developmental Neuroscience.

PROFESSIONAL MEMBERSHIP

- Covid-19 Generation (CovGen) Alliance
International Conference on Infant Studies (ICIS)
International Perinatal Brain and Behavior Network (IPBBN) – **Director**
International Society for Developmental Psychobiology (ISDP)
FLUX society for Developmental Cognitive Neuroscience
Society for Research in Child Development (SRCD)
Developmental Origins of Health and Behavior (DOHaD)
Baby Circle – Netherlands
Baby Brain & Cognition (BB&C) Network – Netherlands

PEER REVIEW (since 2018)

- Cognitive Affective and Behavioral Neuroscience*: 2022
Development and Psychopathology: 2021
Biological Psychiatry: 2020, 2021 (2x)
Developmental Psychology: 2020
Developmental Psychobiology: 2018, 2020, 2021 (3x), 2022 (3x)
Clinical Psychology Review: 2020
Infant and Child Development: 2020

Pediatrics: 2020
Infant Mental Health Journal: 2019, 2022
Neuroscience and Biobehavioral Reviews: 2019, 2021
Journal of Child Psychology and Psychiatry: 2019
Journal of Anxiety Disorders: 2019
American Journal of Obstetrics and Gynecology: 2019
Behavioral Brain Research: 2019
NeuroImage: 2019 (2x), 2020, 2021 (3x)
Anxiety and Depression: 2019
Frontiers in Psychology: 2019, 2021
Child Development: 2018, 2020
Psychosomatic Medicine: 2018, 2020
Psychiatry Research: 2018
Infancy: 2018, 2022
Mindfulness: 2017, 2019 (4x), 2020, 2021