Curriculum Vitae December 22, 2025

GUSTAF GREDEBÄCK

Professor
Chair of Developmental Psychology
Uppsala Child and Baby Lab

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EDUCATION, WORK EXPERIENCE, AND AFFILIATIONS

2025	Affiliated researcher Center for Wellbeing, Welfare and Happiness, Stockholm School of Economics
2021	Invited researcher J-PAL (Abdul Latif Jameel Poverty Action Lab), MIT
2019	Head, Developmental Psychology Division
2017	Wallenberg Academy Fellow, extension
2012	Wallenberg Academy Fellow
2012	Parental leave (6 months)
2012	Lead, Uppsala Child and Baby Lab
2011	Professor and chair of developmental psychology at Uppsala University
2010	Manager of the Uppsala Babylab
2009	Associate Professor at Uppsala University
2008	Parental leave (6 months)
2006	Senior researcher at the Department of Psychology, University of Oslo
2006	Parental leave (6 months)
2006	Researcher at the Department of Psychology, Uppsala University
2004	Postdoc financed by the McDonnell foundation
2004	PhD in Psychology at Uppsala University

FUNDING as PI exceeding 13 million Euro

2026-2028	What babies know 2.0. Swedish Research Council. PI. (€ **500.000**)
2024-2030	Övergångar mellan skolformer: En interventionsstudie i samarbete mellan Uppsala universitets Barn- och babylab och Uppsala kommun. Idéer för Livet. PI (€ **1.200.000**)
2024-2025	The predictive value of psychological testing for labor market outcomes among job seekers. IFAU. Co-applicant. (€ **200.000**)
2023-2024	Transitions – a pilot study. Idéer för Livet. PI (€ **100.000**)
2023-2024	Child development from registry data, a pilot study. Idéer för Livet. PI (€ **100.000**)
2022-2025	Urbanization and child development. Marcus and Amalia Wallenberg Foundation. PI. (€ **500.000**)
2022-2025	Vilken betydelse har förskolans kvalitet för barns kunskapsutveckling i förskoleklass?

	Skolforskningsinstitutet. Co-applicant. (€ **450.000**)
2021-2023	Quality indicators for Uppsala preschools. Uppsala municipality. PI. (€ **400.000**)
2021-2026	Children's Intuitive Theory of AI – an active training study. Marianne and Marcus Wallenberg Foundation. PI. (€ **700.000**)
2021-2022	Förskola för Barnets Bästa: Ett Centrum för Förskoleforskning. Idéer för Livet. PI (€ **150.000)**
2021-2024	Deep Learning for Emotional Alignment in Human-Robot Interaction. Swedish research council. Co-applicant (€ **370.000**)
2021-2022	Video games and learning in children. Co-applicant (€ **33.000**)
2020-2021	Migration and job-market integration, a multidisciplinary approach. Immigration lab, Uppsala University. PI (€ **400.000**)
2018-2024	Foundations of Learning. Knut and Alice Wallenberg Foundation, extension of the Wallenberg Academy Fellows program. PI (€ **1.630.000**)
2018-2021	MOTION, Marie-Curie ITN. PI Uppsala node (€ **530.000**)
2018-2018	Learning the foundations of mathematics through serious games. Planeringsrådet för Campus Gotland, Uppsala University. PI (€ **72.000**)
2017-2024	Infants Sense of Number - Investigating Cognitive Mechanisms and Training Interventions for Learning Mathematics Early in Life (II). Marianne and Marcus Wallenberg Foundation. PI (€ **860.000**)
2017-2018	The Individual Development of Early Numerical Abilities. Kronprinsessan Victorias Stiftelse. PI (€ **37.000**).
2016-2018	Infants Sense of Number - Investigating Cognitive Mechanisms and Training Interventions for Learning Mathematics Early in Life (I). Riksbankens Jubileumsfond. Co-applicant (€ **500.000**)
2016-2020	Tidig utveckling hos spädbarn med risk för autism och adhd: En longitudinell studie med fokus på divergenta och konvergenta mekanismer. Riksbankens Jubileumsfond. Co-applicant (€ **1.000.000**)
2016-2016	Development of a prototype movement measurement device for commercialization. Verification for growth funding from UU Innovation. PI (€ **7500**).
2015-2016	Chopsticks: Motion sensors for medical diagnosis and habilitation. SPARC-funding for innovative technology, Department of information technology. Co-applicant (€ **21.000**)
2014-2016	Predicting infants, a Marie-Curie IEF. Host and co-applicant. (€ **206.000**)
2013-2018	The social foundation of cognition. Knut and Alice Wallenberg Foundation, Wallenberg Academy Fellow Program. PI (€ **1.500.000**).
2013-2017	Developmental Social Cognition and Action Understanding. ERC-Starting Grant – Consolidator. PI (€ **1.500.000**).
2012-2017	New Leads on Pathogenic Pathways and Cost Effective Evidence-Based Care in Neurodevelopmental Disorders (a program by KIND and the BABYLAB). Forte. Co-applicant (€ **3.330.000**).
2012-2016	Unifying the field of developmental social cognition. Swedish Research Council. PI (€ **1.100.000**) –replaced by ERC Starting Grant 2013.
2012-2015	ACT, a Marie-Curie ITN. PI - Uppsala node. (€ **540.000**)
2012-2014	What processes govern our ability to predict the goal of other people's actions? Swedish

	Research Council. PI (€ **370.000**).
2011-2013	Infant Interaction, a Marie-Curie IEF. Host and co-applicant. (€ **190.000**)
2011-2013	Sensitivity to signals of communicative intent in infancy. Riksbankens Jubileumsfond. Co-applicant. (€ **270.000**)
2010-2013	Robot-doc, a Marie-Curie ITN. PI - Uppsala node. (€ **450.000**)
2010-2012	Studies of functional brain development in infancy. Swedish Research Council. Co-applicant. (€ **165.000**)
2007-2009	How do infants develop an understanding of others actions? Swedish Research Council. PI (€ **150.000**).

PhD STUDENTS

Main supervisor to 14 completed PhDs (Anton Gerbrand, 2024; Kim Astor, 2024; Elin Schröder, 2023; Hsing-Fen Tu, 2023*; Umay Sen, 2023; Linda van den Berg, 2022; Joshua Juvrud, 2019; Marta Bakker, 2018; Janna Gottwald, 2016; Andrea Handl, 2016; Claudia Elsner, 2015; Therese Ekberg, 2015; Maria Johansson, 2015; Dorota Green, 2014). Second supervisor to 11 completed PhDs.

Currently main supervisor to 4 PhD students and second supervisor to 5 PhD students.

* External main supervisor, PhD at MPI for Human Cognitive and Brain Sciences, internal supervisor Arno Villringer

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EDITORIAL ASSIGNMENT

Associate editor Developmental Science (2022-)

Editorial board member Infancy (2018-)

Associate editor Child Development (2013–2018)

Review editor Frontiers in Developmental Psychology (2011-2018)

Chair of the perceptual, sensory, and motor review panel for SRCD (2015)

Chair of the perception and attention review board for ICIS (2012, 2014)

Corresponding editor Developmental Psychology (2010-2012)

UPPSALA UNIVERSITY

Member of the evaluation committee for The Sasakawa Young Leaders' Fellowship Fund (2024-2026)

Member of Uppsala University electoral college (2019-2025)

Chair of evaluation panel for the PhD program, faculty of medicine (2019, 2025)

Chair of evaluation of preschool program, faculty of education (2025)

Head of developmental psychology division (2019-)

Member of department management team (2019-)

Faculty reference group for the GUILD (2019-2021)

Member of department board (2015-2021)

Chair of department professors' committee (2016-2019)

Member of Uppsala University academic senate (2014-2017)

Member of recruitment committee, faculty of social science (2014-2016)

Substitute member of recruitment committee, faculty of social science (2011-2014)

RESEARCH FUNDERS/ADVISORY BOARDS

ERC, member of SH evaluation panel (2022-)

Horizon MSCA, member of evaluation panel (2025)

Independent Research Funding Denmark, member of evaluation panel for education studies, psychology (2024-2025)

Vrije Universiteit, member of evaluation panel for long-term funding in social science and humanities (2023)

Research cluster 'The Adaptive Mind', Germany, member of scientific advisory board (2022-2025)

FCT, Portugal, member of evaluation panel for education, psychology and cognitive sciences (2018-2020, 2022-2023)

Swedish Research Council, member of reference group to the council for research infrastructure (2021)

Swedish Research Council, member of scientific council for humanities and social sciences (2016-2021)

James S. McDonnell Foundation, USA, Member of advisory committee (2017)

Swedish Research Council, chair of evaluation panel for psychology (2016)

Swedish Research Council, member of evaluation panel for psychology (2013-2015)

DFG, Germany, research training group evaluator (2015)

PAPERS IN PRESS

145. Schröder, E., Gottwald, J., Daum, M., & **Gredebäck, G.** (in press). How our hands shape or minds: A review of six developmental pathways. *Handbook of Perceptual Development.*

PUBLISHED PAPERS Scopus, *h* = 40; Google Scholar, *h* = 52, *i10* = 110

144. Sen, U., Wangchuk, Dorji, N., Nyström, P., Hellberg, J., & **Gredebäck, G.** (2025). Urbanization and Child Development: Investigating Socioeconomic, Structural and Environmental Influences on Cognitive Development. *Developmental Science, 29:*e70112.
143. Thiele, M., **Gredebäck, G.**, & Haun, D., B., M. (2025). Social connectedness without eye contact: 18- but not 9-month-olds use proximal touch to infer third-party joint attention during observational learning. *Developmental Psychology, 61,* 2051-2064.
142. Tu, H., van den Berg, L., Astor, K., Mhizha, S., & **Gredebäck, G**. (2025). Holistic and Analytic Attention in Infancy: A Cross-Cultural Study in Sweden and Zimbabwe. *Infancy.* 30:370063
141. Hall, J., Ainamani, H., Vassiliou, P., Döring, S., **Gredebäck, G.**, Peltonen, K., Sharpf, F., Sen, U., Sutter, M., Walsh, J., Hecker, T. (2025). Combining mental health and climate-smart agricultural interventions to improve food security in humanitarian settings: Study Protocol for the THRIVE Cluster-Randomized Controlled Trial with Mothers in Nakivale Refugee Settlement, Uganda. *Trails, 26*, 331.
140. Järnefelt, P., **Gredebäck, G.**, & Norrman, G. (2025). When adding a little is adding too much: how discourse particles force immediate reanalysis and increase processing cost un under-specific contexts. *Language and Cognition, 17*, e66, 1-22.
139. Kiessling, J., Hall, J., & **Gredebäck, G.** (2025). Predictors of household chaos in Syrian refugee families resettled in Turkish communities. *Acta Psychologica, 259*, 105279.
138. Nyström, P., Ziavras, A., Makashhvili, T., Juslin, A., Lethonen, V., Riis, A., & **Gredebäck, G.** (2025).

Automatic eye tracking: a systematic review. *Infancy, 30:* e70031.

137. **Gredebäck, G.**, Astor, K., Ainamani, H., van den Berg, L., Forssman, L., Hall, J, Juvrud, J., Kenward, B., Mhizha, S., Wangchuk, Nyström, P. (2025). Infant Gaze Following is Stable Across Markedly Different Cultures and Resilient to Family Adversities Associated with War and Climate Change. *Psychological Science, 36,* 296-307.
136. Schröder, E., & **Gredebäck, G.** (2025). Bringing kinematic coding to infancy research – opportunities and challenges. Comment on “Kinematic coding: Measuring information in naturalistic behavior”. *Physics of Life Reviews, 53,* 120-121.
135. Sen, U., & **Gredebäck, G.** (2025). Urbanization and child development. *Human Development, 69,* 20-47.
134. Juvrud, J., Johansson, M., **Gredebäck, G.**, Nyström, P. (2025). A deconstruction of expertise and performance through arcade games. *IEEE Transactions on Games, 17*, 249-256.
133. **Gredebäck, G.**, Lindskog, M., & Hall, J. (2024). Poor maternal mental health is associated with a low degree of proactive control in refugee children. *Quarterly Journal of Experimental Psychology, 77,* 1987-1999.
132. Galeano, L., **Gredebäck, G.** (2024). Exploring the impact of math anxiety and task difficulty on pupil dilation in adults and young children. *Cognitive Science, e13493*.
131. Enquist, M., Ghirlanda, S., Hattiandadi, A., Lind, J., & **Gredebäck, G.** (2024). A joint future for cultural evolution and developmental psychology. *Developmental Review, 73,* 101147.
130. Sen, U., & **Gredebäck, G.** (2024). Methodological considerations for more robust and reliable developmental science: How historical conventions bias behavioral measurements. *Child Development, 95,* 164-169.
129. Sen, U., & **Gredebäck, G.** (2024). Methodological integrity assessment in the mobile paradigm literature: A lesson for understanding opportunistic use of researcher degrees of freedom in psychology. *Child Development, 95,* 338-353.
128. Galeano, L., Fawcett, C., Forssman, L., & **Gredebäck, G.** (2024). Early childhood educators’ math anxiety and its relation to their pedagogical actions in Swedish preschools. *Journal of Cognition and Development, 25,* 100-126.
127. Hazer, L., & **Gredebäck, G.** (2023). The effects of war, displacement, and trauma on child development. *Humanities and Social Sciences Communications, 10,* 909.
126. **Gredebäck, G.,** Dorji, N., Sen, U., Nyström, P., Hellberg, J., Wangchuk. (2023). Context dependent cognitive development in Bhutanese children. *Scientific Reports, 13:19875.*
125. Gerbrand, A., **Gredebäck, G.**, & Lindskog, M. (2023). Recognition of small numbers in subset knowers; Cardinal knowledge in early childhood. *Royal Society Open Science, 10:* 230474.
124. Peltonen, K., **Gredebäck, G.,** Pollak, S. D., Lindskog, M., Hall, J. (2023). The role of maternal trauma and discipline types in emotional processing among Syrian refugee children. *European Child & Adolescent Psychiatry, 32,* 1487-1495.
123. Sen, U., & **Gredebäck, G.** (2022). Learning limb-specific contingencies in early infancy. *Infancy*, *27,* 1116-1131.
122. Astor, K., Lindskog, M., Juvrud, J., Wangchuk, Namgyel, S. C., Wangmo, T., Tshering, K. P., & **Gredebäck, G.**, (2022). Maternal postpartum depression impact infant’s joint attention differentially across cultures. *Developmental Psychology, 58,* 2230-2238.

120. van den Berg, L., Libertus, K., Nyström, P., Gottwald, J., Licht, V., & **Gredebäck, G.** (2022). A pre-registered sticky mittens study: Active training does not increase reaching and grasping in a Swedish context. *Child Development, 93,* e656-671.

119. Astor, K., & **Gredebäck, G.** (2022). Gaze following in infancy: Five big questions that the field should answer. *Advances in Child Development and Behavior, 63,* 191-223.

118. **Gredebäck, G.,** Hall, J., & Lindskog, M. (2022). Fluid intelligence in refugee children. A cross-sectional study of potential risk and resilience factors among Syrian refugee children and their parents. *Intelligence, 94,* 101684.

117. Tu, H., Lindskog, M., & **Gredebäck, G.** (2022). Attentional control is a stable construct in infancy but not steadily linked with self-regulatory functions in toddlerhood. *Developmental Psychology, 58,* 1221-1236.

116. Juvrud, J, Haas, S. A., Lindskog, M., Astor, K., Namgyel, S. C., Wangmo, T., Wangchuk, Dorjee, S., Tshering, K. P., & **Gredebäck, G.** (2022). High quality social environment buffers infants' cognitive development from poor maternal mental health: Evidence from a study in Bhutan. *Developmental Science, 25, 3,* e13203.

115. Schröder, E., **Gredebäck, G.**, Forssman, L., & Lindskog, M. (2022). Predicting children's emerging understanding of numbers. *Developmental Science, 25, 3,* e13207.

114. Gerbrand, A., **Gredebäck, G.**, Hedenius, M., Forssman, L., & Lindskog, M. (2022). Statistical learning in infancy predicts language skill in toddlerhood. *Infancy, 27,* 700-719.

113. Lux, V., **Gredebäck, G.**, Non, A. L., & Krüger, M. (2022). The next step in developmental embodied research: Integrating concepts and methods. *Frontiers in Systems Neuroscience*, 16:871449.

112. Tu, H., Skalkidou, A., Lindskog, M., & **Gredebäck, G.** (2021). Maternal childhood trauma and perinatal distress affect infants' focused attention from 6 to 18 months. *Scientific Reports, 11,* 24190.

111. Astor, K., Thiele, M., & **Gredebäck, G.** (2021). Early development of gaze following rely on both perceptual cues and social awareness: A signal discrimination account. *Cognitive Development, 60*, 101121.

110. **Gredebäck, G.**, Haas, S., Hall, J., Pollak, S., Karakus, D. C., & Lindskog, M. (2021). Social cognition in refugee children: An experimental cross-sectional study of emotional processing with Syrian families in Turkish communities. *Royal Society Open Science, 8*, 210362.

109. van den Berg, L., & **Gredebäck, G.** (2021). Does sticky mittens training facilitate reaching and grasping development? *Developmental Science, 24, e13087.*

108. van den Berg, L., & **Gredebäck, G.** (2021). The sticky mittens paradigm: a critical appraisal of current results and explanations. *Developmental Science, 24*, e13036

107. Juvrud, J., Haas, S., Fox, N., & **Gredebäck, G.** (2021). Infants' selective visual attention is dependent on maternal affect and emotional context. *Frontiers in Psychology, 12, 700272*

106. Thiele, M., Hepach, R., Michel, C., **Gredebäck, G.**, & Haun, D. B. M. (2021). Social interaction targets enhance 13-month-old's associative learning. *Infancy, 26*, 409-421.

105. Sen, U., & **Gredebäck, G.** (2021). Making the world Behave: A new embodied account on mobile paradigm. *Frontiers Systems Neuroscience, 15,* 643526.

104. Lindskog, M., Nyström, P., & **Gredebäck, G.** (2021). Can the brain build probability distributions? *Frontiers in Psychology, 12*, 596231

103. Astor, K., Lindskog, M., Forssman, L., Kenward, B., Fransson, M., Skalkidou, A., Tharner, A., Cassé, J., & **Gredebäck, G.** (2020). Social and emotional contexts predict the development of gaze following in

early infancy. *Royal Society Open Science,* 7, 201178.

102. Juvrud, J., & **Gredebäck, G.** (2020). An embodied account of teleological processes. *Developmental Science*, e12971.

101. Juvrud, J. C. & **Gredebäck, G.** (2020). The teleological stance: Past, present, and future. *Developmental Science*, e12970.

100. Marciszko, C., Forssman, L., Kenward, B., Lindskog, M., Fransson, M., & **Gredebäck, G**. (2020). The social foundation of executive function. *Developmental Science, 23*, e12924.

99. Schröder E., **Gredebäck, G.**, Gunnarsson, J., & Lindskog, M. (2020). Play enhances visual form perception in infancy – an active training study. *Developmental Science, 23,* e12923.

98. Gottwald, J., M., **Gredebäck, G**., & Lindskog, M. (2019). Two-step actions in infancy – the TWAIN-model. *Experimental Brain Research, 237*, 2495-2503.

97. Lindskog, M., Rogell, M., Kenward, B., & **Gredebäck, G.** (2019). Discrimination of small forms in a deviant-detection paradigm by 10-month-old infants. *Frontiers in Psychology*, 1032.

96. Juvrud, J., Bakker, M., Kaduk, K., de Valk, J., **Gredebäck, G.** & Kenward, B. (2019). Longitudinal continuity in understanding and production of giving-related behavior from infancy to childhood. *Child Development, 90,* e182-e191.

95. Del Bianco, T., Falck-Ytter, T., Thorup, E., & **Gredebäck, G.** (2019). The developmental origins of gaze-following in human infants. *Infancy, 24,* 433-454.

94. Juvrud, J., Rennels J., Kayl, A., **Gredebäck, G.**, & Herlitz, A. (2019). Attention during visual preference tasks: Relation to caregiving and face recognition. *Infancy, 24,* 356-367.

93. Truedsson, E., Fawcett, C., Wesevich, V., **Gredebäck, G.**, & Wåhlstedt, C. (2019). The role of callous-unemotional traits on adolescent positive and negative emotional reactivity: A longitudinal community-based study. *Frontiers in Psychology, 10,* 573.

92. Astor, K., & **Gredebäck, G.** (2019). Gaze following in 4.5 and 6 month old infants: The impact of proximity on standard gaze-following performance tests. *Infancy, 24*, 79-89.

91. Balkenius, C., Fawcett, C., Falck-Ytter, T., **Gredebäck, G.**, & Johansson, B. (2019). Pupillary correlates of emotion and cognition: A computational model. *IEEE EMBS Conference on Neural Engineering*, 148145

90. **Gredebäck, G.**, Astor, K., & Fawcett, C. (2018). Gaze following is not dependent on ostensive cues: A critical test of natural pedagogy. *Child Development, 89*, 2091-2098.

89. Nyström, P., Gliga, T., Nilsson Jobs, E., **Gredebäck, G.**, Charman, T., Johnson, M. H., Bölte, S., the EASE team, the BASIS team, & Falck-Ytter, T. (2018). Enhanced pupillary light reflex in infancy is associated with autism diagnosis at three years of age. *Nature Communications, 9*, 1678.

88. Keyhan, E., **Gredebäck, G.**, & Lindskog, M. (2018). Infants distinguish between two events based on their relative likelihood. *Child Development, 89*, e507-519.

87. Thorup, E., Nyström, P., **Gredebäck, G.**, Bölte, S., Falck-Ytter, T., & the EASE Team. (2018). Reduced alternating gaze during social interaction in infancy is associated with elevated symptoms of autism in toddlerhood. *Journal of Abnormal Child Psychology, 46*, 1547-1561.

86. Falck-Ytter, Nyström, P., **Gredebäck, G.,** Gliga, T., & Bölte, S. (2018). Reduced orienting to audiovisual synchrony in infancy predicts autism diagnosis at three years of age. *Journal of Child Psychology and Psychiatry, 59,* 872-880.

85. **Gredebäck, G.,** Lindskog, M., Juvrud, J., Green, D., & Marciszko, C. (2018). Action prediction allows

hypothesis testing via internal forward models. *Frontiers in Psychology, 9,* 290.

84. Hellmer, K., Söderlund, H., & **Gredebäck, G.** (2018). The eye of the retriever: Developing episodic memory mechanisms in preverbal infants assessed through pupil dilation. *Developmental Science, 21,* e12520.
83. Juvrud, J. C., **Gredebäck, G.**, Åhs, F., Lerin, N., Nyström, P., Kastrati, G., & Rosén, J. (2018). The immersive virtual reality lab: Possibilities for remote experimental manipulations of autonomic activity on a large scale. *Frontiers in Neuroscience, 12*, 305.
82. **Gredebäck, G.** (2018). How does visual and motor experience shape the development of infants' perception of actions performed by social partners. *Journal of Motor Learning and Development, 6,* 89-104.
81. Kenward, B., Koch, F., Forssman, L., Brehm, J., Tidemann, I., Sundqvist, A., Marciszko, C., Hermansen, T. K., Heimann, M., & **Gredebäck, G.** (2017). Saccadic reaction times in infants and adults: spationtempral factors, gender, and inter-laboratory variation. *Developmental Psychology, 53,* 1750-1764.
80. Forslund, T., Kenward, B., Granqvist, P., **Gredebäck, G.**, & Brokki, C. (2017). Diminished ability to identify facial emotional expressions in children with disorganized attachment representations. *Developmental Science,* e12465.
79. Nyström, P., Bölte, S., Falck-Ytter, T., & the EASE Team (Achermann, S., Andersson Konke, L., Brocki, K., Cauvet, E., **Gredebäck, G.**, Lundin Kleberg, J., Nilsson Jobs, E., Thorup, E., Xander, E.) (2017). Responding to other people's direct gaze: Alternations in gaze bevahior in infants at risk for autism occur on very short timescales. *Journal of Autism and Developmental Disorders, 47*, 3498-3509.
78. **Gredebäck, G.**, & von Hofsten, C. (2017). Perception and action in the context of development. In B. Hopkins (Eds.) *Cambridge Encyclopedia of Child Development. Cambridge University Press, Cambridge,* 515-522.
77. Fawcett, C., Arslan, M., Falck-Ytter, T., Royers, H., & **Gredebäck, G.** (2017). Human eyes with dilated pupils induce pupillary contagion in infants. *Scientific Reports, 7:9601.*
76. Rennels, J., Juvrud, J., Kayl, A., Asperholm. M., **Gredebäck, G.**, & Herlitz, A. (2017). Caregiving experience and its relation to perceptual narrowing of face gender. *Developmental Psychology, 53,* 1437-1446.
75. Gottwald, J. M., De Bortoli Vizioli, A., Lindskog, M., Nyström, P., Ekberg, P., von Hofsten, C., & **Gredebäck, G.** (2017). Infants prospectively control reaching based on the difficulty of future actions – To what extent can infants' multistep actions be explained by Fitt's law? *Developmental Psychology, 53*, 4-12.
74. Hoehl, S., Hellmer, K., Johansson, M., & **Gredebäck, G.** (2017). Itsy bitsy spider…: Infants react with increased arousal to spiders and snakes. *Frontiers in Psychology, 8,* 1710.
73. Gottwald, J. M., Achermann, S., Marciszko, C., Lindskog, M., & **Gredebäck, G.** (2016). An embodied account of early executive function development: Prospective motor control in infancy is related to inhibition and working memory. *Psychological Science, 27*, 1600-1610.
72. Fawcett, C., Wesevich, V., & **Gredebäck, G.** (2016). Pupillary contagion in infancy: Evidence for spontaneous transfer of arousal. *Psychological Science, 27*, 997-1003.
71. Fawcett, C., Wesevich, V., Truedsson, E. Wåhlstedt C., & **Gredebäck, G.** (2016). Callus-unemotional traits affect adolescents' perception of collaboration. *Journal of Child Psychology and Psychiatry, 57,* 1400-1406.

70. Thorup, E., Nyström, P., **Gredebäck, G.**, Bölte, S., Falck-Ytter, T. & the EASE team (2016). Altered gaze following during live interaction in infants at risk for Autism: An eye tracking study. *Molecular Autism, 7:12.*

69. Green, D., Li, Q., Lockman, J. J., & **Gredebäck, G.** (2016). Culture influences action understanding in infancy: prediction of actions performed with chopsticks and spoons in Chinese and Swedish infants *Child Development, 87, 736-746.*

68. Galazka, M., Bakker, M., **Gredebäck, G.**, & Nyström, P. (2016). How social is the chaser? Neural correlates of chasing perception n 9-month-old infants. *Developmental Cognitive Neuroscience, 19*, 270-278.

67. Daum, M., Wronski, C., Harms, A., & **Gredebäck, G.** (2016). Action perception in infancy: The plasticity of 7-month-olds' attention to grasping actions. *Experimental Brain Research, 234,* 2465-2478.

66. Galazka, M. A., **Gredebäck, G.**, & Ganea, P. A. (2016). Mapping language to the mind: Toddlers online processing of language as a reflection of speaker's knowledge and ignorance. *Cognitive Development, 40*, 1-8.

65. Kaduk, K., Bakker, M., Juvrud, J., **Gredebäck, G.,** Westermann, G., Lunn, J., & Reid, V. (2016). Semantic processing of actions at 9 months is linked to language proficiency at 9 and 18 months. *Journal of Experimental Child Psychology, 151,* 96-108.

64. Sciutti, A., Lohan, K. S., **Gredebäck, G.**, Koch, B., & Rohlfing, K., J. (2016). Language meddels with infants' processing of observed actions. *Frontiers in Robotics and AI, 3*, 46.

63. Nyström, P., Falck-Ytter, T., & **Gredebäck, G.** (2016). The Time Studio Project: an open source scientific workflow system for behavioral and brain sciences. *Behavior Research Methods, 48, 542-552.*

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occlusions and predictive reaching in infants and adults. *Cognitive Science, 33*, 1483-1502.

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11. Kochukhova, O., & **Gredebäck, G**. (2007). Learning about occlusion, initial assumptions and rapid adjustments. *Cognition, 105*, 26-46.
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7. Falck-Ytter, T., **Gredebäck, G.,** & von Hofsten, C (2006). Infants predict other people's action goals. *Nature Neuroscience, 9 (7),* 878-879.
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5. Grönqvist, H., **Gredebäck, G.**, & von Hofsten, C. (2006). Developmental Asymmetries between Horizontal and Vertical Tracking. *Vision Research, 46(11)*, 1754-1761.
4. Winman, A., & **Gredebäck, G.** (2006). Inferring causality assessments from predictive responses: Cue-interaction without cue-competition. *Quarterly Journal of Experimental Psychology, 59 (1)*, 28-37.
3. **Gredebäck, G.,** von Hofsten, C., Karlsson, J., & Aus, K. (2005). The development of two-dimensional tracking: A longitudinal study of circular pursuit. *Experimental Brain Research, 163(2)*, 204-213.
2. **Gredebäck, G.,** & von Hofsten, C. (2004). Infants' evolving representation of moving objects between 6 and 12 months of age. *Infancy, 6(2)*, 165-184.
1. **Gredebäck, G**., von Hofsten, C., & Boudreau, J. P. (2002). Infants' visual tracking of continuous circular motion under conditions of occlusion and non-occlusion. *Infant Behaviour and Development, 25*, 161-182.

OTHER PUBLICATIONS

3. Hall, J., Ahmad, A., Nordenving, S., & **Gredebäck, G.** (2022). *Child development and resilience in war, conflict and displacement.* Stockholm International Peace Research Institute (SIPRI).
2. Sarkadi, A., **Gredebäck, G.**, Risholm Mothander, P., Andersson, A. (2018). *Barns utveckling och behov av en trygg bas. Forskning i korthet #11.* Forskningsrådet för hälsa, arbetsliv och välfärd.
1. von Hofsten, C., & **Gredebäck, G.** (2014). *Babylabbets historia och verksamhet.* In M. B. Blom, & L. Magnusson (Ed.) Samhällsvetenskapliga fakulteten vid Uppsala universitet 50 år, 1964-2014 (101-112). Uppsala universitet: Uppsala.

EXAMPLE OUTREACH ACTIVITIES

SciFest, Uppsala 2017, 2025

"Hälsoresan – det säger forskningen att vi ska reagera på". Almedalen, 2025

”Kan experiment bidra till innovation och effektivitet I biståndsprogram? Möjligheter och utmaningar.” Almedalen, 2025

Two chapters (Social and Cognitive development 1-5 years) in “Rikshandboken - Barnhälsovård”, 2023

“I hjärnan på Louise Epstein”, SR P1, 2023.

Kropp och själ, SR, P1, 2018, 2023, 2025.

Bolibompa Baby segment on curiosity in 2021.

Netflix series “Babies” season 2, episode 2, premiered 2020.

Sixteen interviews in Dagens Nyheter, 2017-2024.

Member of expert panel for the magazine “Vi Föräldrar” from 2018 (ongoing).

Filosofiska Rummet, SR P1, 2018.

“BVC för de inre tillväxtkurvorna”, an art exhibition and science forum at Linnéanum, Uppsala, 21st of September to 1st of October, 2017.

SciFest (Science Festival), Uppsala, 9th-11th of March 2017.

Science Café, Uppsala, 9th of March 2015.

“urSinnen”, an art exhibition where baby research meets art at Färgfabriken, Stockholm, 20th of September to 30th of November 2014.

TEDx-talk “The mirror neuron system: Understanding others as oneself”, 27th of May, 2010.