

Moritz M. Daum – Curriculum Vitae

Personal Information

Name: Prof. Dr. Moritz Matthäus Daum

Contact: University of Zurich

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Date and Place of Birth: 7 February 1973, Baden / Switzerland

Family Status: Married to Eva-Maria Schöning; 3 children (Anna Katharina Daum (*2004), Greta Sophie Daum (*2007), Gustav Anton Daum (*2010))

Citizenship: Germany

Researcher IDs: Google Scholar: [Moritz Daum](#); OrcID: <https://orcid.org/0000-0002-4032-4574>;

ResearcherID: [A-1441-2013](#); ResearchGate: [Moritz M. Daum](#); Academia.edu: <https://uzh.academia.edu/MoritzDaum>;

OSF: <http://osf.io/28bv7>

Education

2011 Habilitation at the Faculty of Biosciences, Pharmaceutics, and Psychology, University of Leipzig, Germany (Habilitation Thesis: Mechanisms in the early development of action understanding)

2005 PhD in Psychology at the Faculty of Arts, University of Zurich, Switzerland (PhD Thesis: Dynamic mental representations in children and adults: influences of perception and cognition on representational momentum, Grade: Summa Cum Laude)

2001 Licentiate degree (Master) in Psychology at the Faculty of Arts, University of Zurich, Switzerland (Diploma Thesis: Development of visuomotor control in children and adults: Controlling reaching movements with predictable and unpredictable target motion)

Employment History

08/2020 - present Professor and Director (since 08/2021), Jacobs Center for Productive Youth Development, University of Zurich, Switzerland

08/2012 - present Professor for Developmental Psychology, Department of Psychology, University of Zurich, Switzerland

10/2010 – 07/2012 Head of the Research Group “Infant Cognition and Action”, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

10/2008 – 02/2009 Visiting Researcher at the Infant EEG Lab of the Cognitive Development Unit (EKUP), Department of Psychology, University of Oslo, Norway

12/2004 – 09/2010 Senior Researcher at the Max Planck Institute for Human Cognitive and Brain Sciences, Department of Psychology, Munich (12/2004 - 09/2006) and Leipzig (10/2006 - 09/2010)

Approved Research Projects

Ongoing:

Swiss National Science Foundation (SNSF): Developmental Diary Application (10001G_20768, CHF 891.678,-), PI, 2022-2026

UZH: Seed Funding for the «Developmental Science Network Zurich» (CHF 140.000,-), Co-PI with Prof. Dr. Alexandra Freund, Prof. Dr. Reto Huber, Prof. Dr. Peter Klaver, Prof. Dr. Bea Latal, Prof. Dr. Elisabeth Moser Opitz, Prof. Dr. Michael J. Shanahan, Prof. Dr. Esther Stöckli, 2022-2024

Bildungsplanung des Kantons Zürich: Züricher Längsschnittstudie, Phase 1 (CHF 1.400.000,-), Co-PI with Prof. Dr. Martin Tomasik (PI), Prof. Dr. Elisabeth Moser Opitz, Prof. Dr. Katharina Maag Merki, Prof. Dr. Sonja Perren, Prof. Dr. Kenneth Horvath, Prof. Dr. Urs Moser, 2023-2027

Stiftung für wissenschaftliche Forschung an der UZH (financed by the Baugarten Stiftung): How experience shapes infants' and children's gaze following - A cross-sectional and longitudinal study on the influence of facial masks on communicative development (F-63216-05-01: CHF 28.000,-)

National Center for Competence in Research (NCCR): Evolving Language (Co-PI for the sub project “Semantic Roles”, CHF 666.249,- for 2020–2024)

Completed:

Swiss National Science Foundation: The role of causality in early verb learning: language-specific factors vs. universal strategies (100015_169712, CHF 819.480,-); Co-PI with Sabine Stoll, 2017-2021
Swiss National Science Foundation: Scope of credibility: Children's selective trust in action and language learning (Project 100019_162693, CHF 331.062,-), Co-PI with Anja Gampe, 2016-2020
Swiss National Science Foundation: The interrelation of action perception and action production across the life span (Project 100019_156519, CHF 300.249,-), PI, 2015-2018
Stiftung für wissenschaftliche Forschung an der UZH: Normstichprobe zum Schweizerdeutschen Spracherwerb (Project F-63216-01-01: CHF 24.675,-), PI, 2014-2017

Supervision of Junior Researchers

Postdoctoral Projects:

Ongoing: Dr. Mirella Manfredi, Dr. Stephanie Wermelinger, Dr. Lea Mörsdorf, Dr. Lisa Wagner

Completed: Dr. Julia Brehm, Dr. Aleksandra Eberhard-Moscicka; Dr. Fiona Pugin; Dr. Anja Gampe Dr. Miriam Beisert; Dr. Laura Maffongelli; Dr. Susanne Grassmann; Dr. Christina Jäger; Dr. Norbert Zmyj

PhD Projects:

Ongoing: Natascha Helbing, Sabrina Beck, Sandro Stutz, Mirjam Löffler

Completed: Julia Brehm (2021); Ebru Ger (2021); Ira Kurthen (2020); Christine Neresheimer (2020); Katharina Antognini (2018); Lea Mörsdorf (2020); Stephanie Wermelinger (2018), Manja Attig (2016); Anne Keitel (2015); Caroline Wronski (2014); Anja Gampe (2013); Jan Rauch (2011); Norbert Zmyj (2009)

Teaching Activities

Lectures:

Basics in Developmental Psychology: Childhood (UZH; since HS2012); Basics in Developmental Psychology: Childhood (University of Fribourg; HS2015, HS2017, HS2019); Basics in Developmental Psychology: Adults Life Span (University of Fribourg; HS2014, HS2016); Topics in Developmental Psychology: Social-Cognitive Development (UZH; FS2013); Methods in Cognitive Neuroscience (University of Leipzig; SS2009, SS2010, SS2011); Development of Cognition and Action (University of Fribourg; SS2010); Developmental Psychology: Applications (University of Leipzig; SS2009, in collaboration with Prof. Dr. Ute Kunzmann); Cognitive Development Across the Lifespan (University of Leipzig; SS2007); Cognitive Development (UZH; WS2004/2005, in collaboration with Prof. Dr. Friedrich Wilkening and collaborators)

Seminars and Continuing courses:

Research Colloquium – Developmental Psychology (UZH, since HS2012); Interactive Proseminar (UZH; since HS2013); Bilingual Language Development (UZH; since FS2015); Development of Cognition and Action (UZH; FS2015-FS2020); Theories of Developmental Psychology (UZH; FS2013, FS2014)

Bachelor and Master Theses:

Supervision of > 60 Master Theses and > 120 Bachelor Theses (in collaboration with different members of the research unit)

Community Commitment

Editorial Activities:

Editorial board member: British Journal of Psychology (Associate Editor), Child Development (Consulting Editor), Journal of Experimental Child Psychology (Consulting Editor, Special Issue Managing Guest Editor)

Memberships in Panels and Boards - University of Zurich:

Children's University of Zurich (Chair); Strategy Committee of the Department of Psychology (Chair); Neuroscience Centre Zurich (ZNZ, Group Leader); The International Max Planck Research School "The Life Course: Evolutionary and Ontogenetic Dynamics" (Faculty Member, Spokesperson); Swiss-European Mobility Program (SEMP; formerly ERASMUS, Departmental Representative); MAS School Psychology (Steering Committee); CAS Positive Psychology (Steering Committee), CAS Developmentally-Oriented Education (Steering Committee), 6 UZH hiring committees, 2 UZH Habilitation committees

Memberships in Panels and Boards - External:

Max Planck Institute for Evolutionary Anthropology (Member of Scientific Advisory Board); German Psychological Society (Member, Spokesperson of the Section 'Developmental Psychology' (2015-2019)); Swiss National Science Foundation (Member of the evaluation committee DOC.CH); Volkswagen Foundation (Evaluation committee of the Lichtenberg Professorships (2017)); Leibniz Association (Evaluation Committee of the Leibniz Institute for Educational Trajectories, Bamberg, 2019); Marie Meierhofer Institut für das Kind (Research Advisory Board); Kantonsschule Freudenberg, Zürich (President of the School Committee); 2 University hiring committees; 2 University Habilitation committees

Active Membership in Scientific Societies:

Society for Research in Child Development (SRCD), International Congress on Infant Studies (ICIS); German Psychological Society (DGPs)

Organization of Conferences

J.E.D.I Symposium (Jacobs Encounters in Developmental Science from an Interdisciplinary Perspective), Annual Symposium, starting in 2022; Zürcher Tagung zur Frühkindlichen Bildungs- und Entwicklungsforschung, MMI and UZH, since 2017; “*Action Colloquium*”, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, 2007 – 2012; *Leopoldina Symposium* “Theory of Mind in Context: History, Evolution, and Development”. Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, June 2011.

Moritz M. Daum – Major Scientific Achievements

Achievement 1

Since 2021: Director of the Jacobs Center for Productive Youth Development at the University of Zurich.
Since 2012: Establishment of the Research Unit “Kleine Weltentdecker” at the Department of Psychology, University of Zurich: <http://www.kleneweltentdecker.ch>.

2004 – 2012: Establishment of Research Group “Infant Cognition and Action” at the Max Planck Institute for Human Cognitive and Brain Sciences in Munich and Leipzig.

This research has to date focused on developmental psychology, with a particular emphasis on social-cognitive development in early childhood. The overarching theme that guides this research is “How do infants come to understand, interact, and communicate with their social environment?”. This research suggests, for example, that an individual’s early understanding of the social world is guided by two major representational modes of cognition and communication: Non-linguistic modes (e.g., actions) and more abstract linguistic modes (e.g., language). Current research themes expand on these findings with respect to three aspects: It addresses the interrelation between non-linguistic and linguistic modes from the perspective of meaning (semantics) and structure (syntax), it incorporates contextual aspects like the children’s specific language background (e.g., whether they grow up mono- or bilingually), and their parents’ cultural background (e.g., cultural value dimensions such as performance orientation or in-group collectivism).

Achievement 2

During the last years, the research group has generated a substantial amount of grant income funded by the sources like the Swiss National Science Foundation, the Jacobs Foundation, the Stiftung für wissenschaftliche Forschung der UZH; the Bäsch Foundation, Deutsche Forschungsgemeinschaft (DFG). Roles: as PI and Co-PI: ~CHF 1.500.000,-; as Host and Collaboration Partner: ~CHF 1.400.000,-

Achievement 3

The outcome of the research group has been published in recognized international journals such as *Child Development*, *Child Development Perspectives*, *Cognition*, *Developmental Science*, *Developmental Psychology*, *Scientific Reports*, etc. Currently, 82 peer-reviewed papers have been published (80) or accepted for publication (2). The current number of citations is 2354, the current H-Index is 25 (according to Google Scholar). I am serving as an associate editor for the *British Journal of Psychology*, as a consulting editor for *Child Development*, *Infancy*, and the *Journal of Experimental Child Psychology*, and as Guest Editor for the Special Issue “Interrelations between Non-Linguistic and Linguistic Representations of Cognition and Action” of the *Journal of Experimental Child Psychology*.

Achievement 4

Development of smartphone-based developmental diary (kleineWeltentdecker App, see <http://www.weltentdeckerapp.ch>). Given the ubiquity of smartphones worldwide, apps increasingly serve as digital support devices, in particular for rural and low-income regions. With the kleineWeltentdecker App, we put a portable tool for the longitudinal documentation of individual children’s development in every pocket, worldwide.

Zurich, 19 January 2023

Moritz M. Daum – Research Output

General Information

Complete List of Publications: <http://www.psychologie.uzh.ch/fachrichtungen/devpsy/personen/daum.html>

Open Access Preprints and Preregistrations: <https://osf.io/28bv7/>

Publications

Peer Reviewed Publications (supervised PhD thesis, ** supervised Master/Diploma thesis, † equal authorship contribution)*

In Press

- 92 * Ger, E., You, G., Küntay, A. C., Göksun, T., Stoll, S.†, & Daum, M. M.† (in press). Gradual Route to Productivity: Evidence from Turkish Morphological Causatives. *Cognitive Science*.
91. * Wronski, C., Hernik, M., & **Daum, M. M.** (in press). Prior Action Direction of a Novel Agent Cues Spatial Attention in 7-Month-Old Infants. *Swiss Psychology Open*.
90. Bosshart, N., Bearth, A., Wermelinger, S. **Daum, M. M.**, & Siegrist, M. (in press). Seeing household chemicals through the eyes of children—Investigating influential factors of preschoolers' perception and behavior. *Journal of Safety Science*.
89. * Weijs, M. L., Roel Lesur, M., **Daum, M. M.**, & Lenggenhager, B. (in principle acceptance pending data collection). Keeping up with ourselves: Multimodal processes underlying body ownership across the lifespan. *Cortex*.

2022

88. Bearth, A., Bosshart, N., Wermelinger, S., **Daum, M. M.**, & Siegrist, M. (2022). Household chemicals and preschoolers: Caretakers' beliefs and perspectives on risks and responsibilities. *Safety Science*, 154, 105864. <https://doi.org/10.1016/j.ssci.2022.105864>
87. **Daum, M. M.**, Bleiker, M., Wermelinger, S., Kurthen, I., Maffongelli, L., Antognini, K., Beisert, M., & Gampe, A. (in press). The kleineWeltentdecker App - A Smartphone-Based Developmental Diary. *Behavior Research Methods*. <https://doi.org/10.3758/s13428-021-01755-785>
86. Eberhard-Moscicka, A. K., Jost, L. B., **Daum, M. M.**, & Maurer, U. (2021). Predicting reading from behavioral and neural measures – A longitudinal event-related potential study. *Frontiers in Psychology*, 12, 733494. <https://doi.org/10.3389/fpsyg.2021.733494>
85. Gampe, A. ** Blaumeiser, J., & **Daum, M. M.** (2022). Children's group loyalty is related to parental in-group collectivism. *Cognitive Development*, 61, 101130. <https://doi.org/10.1016/j.cogdev.2021.101130>
84. * Ger, E., Küntay, A. C., Göksun, T., †Stoll, S., & †**Daum, M. M.** (2022). Do typological differences in the expression of causality influence preschool children's causal event construal? *Language and Cognition*, 14(2), 161–184. <https://doi.org/10.1017/langcog.2021.26>
83. * Moersdorf, L. †**Daum, M. M.**, & †Freund, A. M. (2022). Spelling out some unaddressed conceptual and methodological challenges in empirical lifespan research. *Acta Psychologica*, 226, 103585. <https://doi.org/10.1016/j.actpsy.2022.103585>
82. * Moersdorf, L. †Freund, A. M., & †**Daum, M. M.** (2022). For whom is the path the goal? A lifespan perspective on the development of goal focus. *Collabra: Psychology*, 8(1), 31603. <https://doi.org/10.1525/collabra.31603>
81. †Wermelinger, S., †Moersdorf, L., & **Daum, M. M.** (2022). How experience shapes infants' communicative behaviour: Comparing gaze following in infants with and without pandemic experience. *Infancy*, 27(5), 937–962. <https://doi.org/10.1111/infa.12488>
81. †Wermelinger, S., †Moersdorf, L., **Ammann, S., & **Daum, M. M.** (2022). Exploring the role of COVID-19 pandemic-related changes in social interactions on preschoolers' emotion labeling. *Frontiers in Psychology: Section Developmental Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.942535>

2021

80. Beisert, M., & **Daum, M. M.** (2021). Compatibility effects in young children's tool use: Learning and transfer. *Child Development*, 92(1), e76-e90. <https://doi.org/10.1111/cdev.13455>
79. Gampe, A., Endesfelder Quick, A., & **Daum, M. M.** (2021). Does linguistic similarity affect early simultaneous bilingual language acquisition? *Journal of Language Contact*, 13, 482–500. <https://doi.org/10.1163/19552629-13030001>
78. * Ger, E., Stuber, L., Küntay, A. C., Göksun, T., †Stoll, S., & †**Daum, M. M.** (2021). Influence of causal language on causal understanding: A comparison between Swiss-German and Turkish. *Journal of Experimental Child Psychology*, 210, 105182. <https://doi.org/10.1016/j.jecp.2021.105182>.

77. Manfredi, M., Asta, C., & **Daum, M. M.** (2021). When dogs meow: An electrophysiological study of lexical–semantic processing in toddlers. *Infancy*, 00, 1– 21. <https://doi.org/10.1111/infa.12434>
76. * You, G., Bickel, B., †**Daum, M. M.**, †Stoll, S. (2021). Child-directed speech is optimized for syntax-free meaning extraction. *Scientific Reports*, 11, 16527. <https://doi.org/10.1038/s41598-021-95392-x>
75. * Weijs, M. L., Macartney, E., **Daum, M. M.**, & Lenggenhager, B. (2021). Development of the bodily self: Effects of visuomotor synchrony and visual appearance on virtual embodiment in children and adults. *Journal of Experimental Child Psychology*, 210, 105200. <https://doi.org/10.1016/j.jecp.2021.105200>

2020

74. **Daum, M. M.**, Greve, W., Pauen, S., Schuhrke, B., & Schwarzer, G. (2020). Positionspapier der Fachgruppe Entwicklungspsychologie: Versuch einer Standortbestimmung. *Psychologische Rundschau*, 71, 15-23. <https://doi.org/10.1026/0033-3042/a000465>
73. **Daum, M. M.**, Greve, W., Pauen, S., Schuhrke, B., & Schwarzer, G. (2020). Einheit in Vielfalt – Einsicht ist das gemeinsame Ziel. Antwort auf die Kommentare zum Positionspapier der Fachgruppe Entwicklungspsychologie: Versuch einer Standortbestimmung. *Psychologische Rundschau*, 71, 46-48. <https://doi.org/10.1026/0033-3042/a000467>
72. Gampe., A., ** Hartmann, L., & **Daum, M. M.** (2020). Dynamic interaction patterns of monolingual and bilingual infants with their parents. *Journal of Child Language* 47(1), 45-63. <https://doi.org/10.1017/S0305000919000631>
71. Meinhardt-Injac, B., **Daum, M. M.**, Meinhardt, G. (2020). Theory of Mind Development from Adolescence to Adulthood: The Two-Components Model. *British Journal of Developmental Psychology*, 38(2), 289-303. <https://doi.org/10.1111/bjdp.12320>
70. * Neresheimer, C., & **Daum, M. M.** (2020). Parenting styles of gay fathers. *Journal of GLBT Family Studies*. <https://doi.org/10.1080/1550428X.2020.1806769>
69. Schulze, C., Endesfelder Quick, A., Gampe., A., & **Daum, M. M.** (2020). Understanding verbal indirect communication in monolingual and bilingual children. *Cognitive Development*, 55, 100912. <https://doi.org/10.1016/j.cogdev.2020.100912>
68. Wermelinger, S., Gampe., A., ** Helbling, N., & **Daum, M. M.** (2020). Do you understand what I want to tell you? Early sensitivity in bilinguals' iconic gesture perception and production. *Developmental Science*, 23(5), e12943. <https://doi.org/10.1111/desc.12943>

2019

67. * Antognini, K., & **Daum, M. M.** (2019). Toddlers show sensorimotor activity during auditory verb processing. *Neuropsychologia*, 126, 82-91. <https://doi.org/10.1016/j.neuropsychologia.2017.07.022>
66. Bleiker., M., Gampe, A., & **Daum, M. M.** (2019). Effects of the type of childcare on toddlers' motor, social, cognitive, and language skills. *Swiss Journal of Psychology*, 78(3-4), 81-90. <https://doi.org/10.1024/1421-0185/a000225>
65. Gampe., A., Wermelinger, S., & **Daum, M. M.** (2019). Bilingual children adapt to the needs of their communication partners, monolinguals do not. *Child Development*, 90(1), 98-107. <https://doi.org/10.1111/cdev.13190>
64. * Ganglmayer, K., Attig, M., Paulus, M., & **Daum, M. M.** (2019). Infants' perception of goal-directed actions: A multi-lab replication reveals that infants anticipate paths and not goals. *Infant Behavior and Development*, 57, 101340. <https://doi.org/10.1016/j.infbeh.2019.101340>
63. Maffongelli, L., D'Ausilio, A., Fadiga, L., & **Daum, M. M.** (2019). The ontogenesis of action syntax. *Collabra: Psychology*, 5(1), 21. <https://doi.org/10.1525/collabra.215>
62. Michel, C., Wronski, C., Pauen, S., **Daum, M. M.** & Hoehl, S. (2019). Infants' object processing is guided specifically by social cues. *Neuropsychologia*, 126, 54-61. <https://doi.org/10.1016/j.neuropsychologia.2017.05.022>

2018

61. **Daum, M. M.** (2018). The social side of curiosity. *IEEE CIS Newsletter on Cognitive and Developmental Systems*. Vol. 15(1). <https://openlab-flowers.inria.fr/uploads/default/original/2X/f/f549e04ca7b441e3521441a27bff21957642ace3.pdf>
60. Gampe, A., & **Daum, M. M.** (2018). How preschoolers react to norm violations is associated with culture. *Journal of Experimental Child Psychology*, 165, 135-147. <https://doi.org/10.1016/j.jecp.2017.06.009>
- Gampe., A., Kurthen, I., & **Daum, M. M.** (2018). BILEX: A new tool measuring bilingual children's lexicons and translational equivalents. *First Language*, 38,263-283. <https://doi.org/10.1177/0142723717736450>
59. Maffongelli, L., Antognini, K., & **Daum, M. M.** (2018). Syntactical regularities of action sequences in the infant brain: When structure matters. *Developmental Science*, 21(6), e12682. <https://doi.org/10.1111/desc.12682>
58. Meinhardt-Injac, B., **Daum, M. M.**, Meinhardt, G., & Persike, M. (2018). The Two-Systems Account of Theory of Mind: Testing the links to social- perceptual and cognitive abilities. *Frontiers in Human Neuroscience* 12 (2018). <https://doi.org/10.3389/fnhum.2018.00025>
57. Patcas, R., **Daum, M. M.**, van Waes, H. J. M., Beltrani, S., Pfister, L., & Landolt, M. A. (2018). Emotions experienced during the shedding of the first deciduous tooth. *International Journal of Pediatric Dentistry*, 28(1), 22-28. <https://doi.org/10.1111/ipd.12427>

56. * Wermelinger, S., Gampe., A., & **Daum, M. M.** (2018). Higher levels of motor competence are associated with reduced interference in action perception across the life-span. *Psychological Research*. <https://doi.org/10.1007/s00426-017-0941-z>
55. * Wermelinger, S., Gampe., A., Behr, J., & **Daum, M. M.** (2018). Interference of action perception on action production increases across the adult life-span. *Experimental Brain Research*, 236, 577-586. <https://doi.org/10.1007/s00221-017-5157-3>
54. * Wermelinger, S., Gampe., A., & **Daum, M. M.** (2018). The dynamics of the interrelation of perception and action across the life span. *Psychological Research*. <https://doi.org/10.1007/s00426-018-1058-8>

2017

53. Beisert, M., Zmyj, N., & **Daum, M. M.** (2017). Turning the tide: A plea for cognitively lean interpretations of infant behaviour. *Behavioral and Brain Sciences*, e383. <https://doi.org/10.1017/S0140525X16001849>
52. Mehl, N., Bergmann, S., Klein, A. M., **Daum, M. M.**, von Klitzing, K., & Horstmann, A. (2017). Cause or consequence? Investigating attention bias and self-regulation skills in children at risk for obesity. *Journal of Experimental Child Psychology*, 155, 113-127. <https://doi.org/10.1016/j.jecp.2016.11.003>
51. Patcas, R., van Waes, H. J. M., **Daum, M. M.**, & Landolt, M. A. (2017). Tooth Fairy guilty of favouritism: A cross-sectional parent survey of her job performance. *Australian Medical Journal*, 207, 482-486. <https://doi.org/10.5694/mja17.00860>
50. ** Wermelinger, S., Gampe, A., & **Daum, M. M.** (2017). Bilingual toddlers have advanced abilities to repair communication failure. *Journal of Experimental Child Psychology*, 155, 84-94. <https://doi.org/10.1016/j.jecp.2016.11.005>
49. Zmyj, N., Schöllermerich, A., & **Daum, M. M.** (2017). The relationship between attention and deferred imitation in 12-month-old infants. *Infant Behavior and Development*, 48, 175-183. <https://doi.org/10.1016/j.infbeh.2017.02.001>

2016

48. **Daum, M. M.**, Eckstein, K., Schmiedek, F., & Schuhrke, B. (2016). Kommentar der Fachgruppe Entwicklungspsychologie zum „Positionspapier zur Lage der Allgemeinen Psychologie“ der Fachgruppe Allgemeine Psychologie. *Psychologische Rundschau*, 67(3), 183-185. <https://doi.org/10.1026/0033-3042/a000318>
46. **Daum, M. M.**, Gampe., A., Wronski, C., & Attig, M. (2016). Effects of movement distance, duration, and velocity on action prediction in 12-month-olds. *Infant Behavior and Development*, 43, 75-84. <https://doi.org/10.1016/j.infbeh.2016.03.002>
45. **Daum, M. M.**, Mani, N., & Gampe., A. (2016). Interrelations between non-linguistic and linguistic representations of cognition and action in development. *Journal of Experimental Child Psychology*, 151, 1-4. <https://doi.org/10.1016/j.jecp.2016.06.002>
44. ** **Daum, M. 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(9), 2465-2478. <https://doi.org/10.1007/s00221-016-4651-3>
43. Aldaqre, I., Schuwerk, T., **Daum, M. M.**, Sodian, B., & Paulus, M. (2016). Sensitivity to communicative and non-communicative gestures in adolescents and adults with autism spectrum disorder: Saccadic and pupillary responses. *Experimental Brain Research*, 234(9), 2515-2527. <https://doi.org/10.1007/s00221-016-4656-y>
42. * Gampe, A., Brauer, J., & **Daum, M. M.** (2016). Imitation is beneficial for verb learning in toddlers. *European Journal of Developmental Psychology*, 13(5), 594-613. <https://doi.org/10.1080/17405629.2016.1139495>
41. * Gampe, A., Prinz W., & **Daum, M. M.** (2016). Measuring action understanding: Relations between goal prediction and imitation. *British Journal of Developmental Psychology*, 34 (1), 53-65. <https://doi.org/10.1111/bjdp.12125>
40. Mani, N., **Daum, M. M.**, Huettig, F. (2016). “Pro-active” in many ways: Developmental evidence for a dynamic pluralistic approach to prediction. *Quarterly Journal of Experimental Psychology*, 69(11), 2189-2201. <https://doi.org/10.1080/17470218.2015.1111395>
39. Porciello, G., **Daum, M. M.**, Menghini, C., Brugger, P., & Lenggenhager, B. (2016). Not that heart-stopping after all: visuo-cardiac synchrony does not boost self-face attribution. *PLoS ONE* 11(8): e0160498. <https://doi.org/10.1371/journal.pone.0160498>

2015

38. Bakker, M., **Daum, M. M.**, Handl, A., & Gredebäck, G. (2015). Neural correlates of action perception at the onset of functional grasping. *Social Cognitive and Affective Neuroscience* 10(6), 769-776. <https://doi.org/10.1093/scan/nsu119>
37. Gampe, A., Keitel, A., & **Daum, M. M.** (2015). Intra-individual variability and continuity of action and perception measures in infants. *Frontiers in Psychology - Developmental Psychology*, 6:327. <https://doi.org/10.3389/fpsyg.2015.00327>
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2. **Daum, M. M.**, Prinz, W., & Aschersleben, G. (2008). Encoding the goal of an object-directed but uncompleted reaching action in 6- and 9-month-old infants. *Developmental Science*, 11(4), 607-619. <https://doi.org/10.1111/j.1467-7687.2008.00705.x>

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1. **Daum, M. M.**, Huber, S., & Krist, H. (2007). Controlling reaching movements with predictable and unpredictable target motion in 10-year-old children and adults. *Experimental Brain Research*, 177(4), 483-492. <https://doi.org/10.1007/s00221-006-0704-3>

Edited Special Issues / Guest Editorships

- Daum, M. M.**, Mani, N. & Gampe, A. (2016). Interrelations between Non-Linguistic and Linguistic Representations of Cognition and Action. *Journal of Experimental Child Psychology*, 151, 1-144. <https://doi.org/10.1016/j.jecp.2016.06.002>

Books

- Prinz, W. (Hrsg.); Aschersleben, G., **Daum, M. M.**, Herwig, A., Kühn, E., Schütz-Bosbach, S. (2014). *Experimentelle Handlungsforschung*. Stuttgart: Kohlhammer.
- Daum, M. M.** (2011). Mechanismen der frühkindlichen Entwicklung des Handlungsverständnisses [*Mechanisms in the early development of action understanding*]. Leipzig: Max Planck Institute for Human Cognitive and Brain Sciences.

Book Chapters

- Daum, M. M.** (forthcoming). Developmental Psychology. Daum, M. M., & Manfredi, M. M. (forthcoming). Developmental Psychology. In J. Zumbach, D. A. Berstein, S. Narciss, & G. Marsico (Eds.), *International Handbook of Psychology Learning and Teaching*. Springer.
- Daum, M. M.** (2017). Cognitive Development in Infancy. In B. Hopkins, E. Geangu, & S. Linkenauer (Eds.). *The Cambridge Encyclopedia of Child Development*. Cambridge: Cambridge University Press.

Other Manuscripts

- Daum, M. M.** & Manfredi, M. (2021). The History of Developmental Psychology. *PsyArXiv*. DOI: <https://doi.org/10.31234/osf.io/s2ckp>
- * Antognini, K., & **Daum, M. M.** (2018). Effects of verb-action congruence on sensorimotor processing of goal-directed actions in two- year-olds: A technical report. *PsyArXiv*. DOI: <https://doi.org/10.31234/osf.io/g8fu4>

Popular Scientific Contributions

- Daum, M. M.** & Gampe, A. (2016). Die Rolle von Vorbildern in der Sozial-Kognitiven Entwicklung. *Psychologie und Erziehung (P&E)*, 1, 10-13.

Editorial Activities

Editorial Boards

Associate Editor: British Journal of Psychology (2016-2022)

Managing Guest Editor: Journal of Experimental Child Psychology, Special Issue on “Interrelations Between Non-Linguistic and Linguistic Representations of Cognition and Action in Development”

Consulting Editor: Child Development, Infancy, Journal of Experimental Child Psychology

Ad hoc Reviewer

Journals

Applied Cognitive Psychology, Brain and Cognition, British Journal of Developmental Psychology, Cerebral Cortex, Child Development, Cognitive Development, Cortex, Current Directions in Psychological Science, Developmental Cognitive Neuroscience, Developmental Science, Discourse Processes, European Journal of Cognitive Psychology, European Journal of, Developmental Psychology, Experimental Brain Research, Experimental Psychology, Frontiers in Developmental Psychology, Infancy, Journal of Experimental Child Psychology, Journal of Pediatric Neurology, Journal of Psychosomatic Research, Journal of Sports Sciences, Journal of Vision, Neuropsychologia, PLoS ONE, PsyCh Journal, Psychological Research, Psychological Science, Scientific Reports, Social Cognition, Social Neuroscience, Swiss Journal of Psychology, The Quarterly Journal of Experimental Psychology, Topics in Cognitive Science, Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie, Zeitschrift für Neuropsychologie

Societies

Alexander von Humboldt-Stiftung, Bundesamt für Sport (Baspo), Cognitive Science Society, Deutsche Forschungsgemeinschaft, Economic & Social Research Council, European Research Council (Consolidator Grants), International Society on Infant Studies, Lego Foundation, Society for Research in Child Development, Society in Science - The Branco Weiss Fellowship, Volkswagen Foundation

Talks at International Conferences

> 20 talks at conferences such as Society for Research in Child Development (SRCD), International Congress on Infant Studies (ICIS), Budapest CEU Conference on Cognitive Development, Congress of the German Psychological Association (DGPs), Conference of the Developmental Psychology Section of the DGPs, Lancaster Conference on Infant Cognitive Development (LCICD), Tagung experimentell arbeitender Psychologen (TeaP).

Outreach Activities

Interviews and Consulting:

Der Spiegel, NZZ, NZZ am Sonntag, Tagesanzeiger, Berner Zeitung, St. Galler Tagblatt, DIE ZEIT, DIE ZEIT – Magazin, Schweiz am Sonntag, Aargauer Zeitung, Fritz und Fränzi, Schweizer Familie, Beobachter, Leipziger Volkszeitung, Hörzu, 20 Minuten, UZH Magazin, Blick, Blick am Sonntag, Wir Eltern

TV and Radio Appearances:

VOX (Die Wunderbare Welt der Kinder / Wir werden gross, 5 appearances), SRF TV (Einstein, 4 appearances), SRF Radio, DLF, RTL II

General Contributions to Science

Spokesperson of the Developmental Psychology Section of the German Psychological Society (DGPs), 2015-2019.

Member of the evaluation committee DOC.CH, Swiss National Science Foundation (SNF), since 2016; Member of the Scientific Advisory Board of the Max Planck Institute for Evolutionary Anthropology.

Memberships in various national and international evaluation committees (Volkswagen Foundation, Marie-Meierhofer-Institut, Leibniz Association, Habilitation committees, Dissertation committees, etc.)

Other Artefacts with Documented Use

Development of smartphone-based developmental diary (*kleineWeltentdecker App*, see <http://www.weltentdeckerapp.ch>, Daum et al. 2022). Given the ubiquity of smartphones worldwide, apps increasingly serve as digital support devices, in particular for rural and low-income regions. With the *kleineWeltentdecker App*, we put a portable tool for the longitudinal documentation of individual children's development in every pocket, worldwide.

Development of the *BILEX* (Gampe, Kurthen, & Daum, 2017), a novel scale (BILEX) designed to assess young bilingual children's receptive vocabulary in both languages, their conceptual vocabulary, and translational equivalents. BILEX was developed to facilitate the assessment of vocabulary size for both of the children's languages within one session without any transfer from one language to the other.

Zurich, 19 January 2023