

Moritz M. Daum – Curriculum Vitae

Personal Information

Name: Prof. Dr. Moritz Matthäus Daum

Contact: University of Zurich

1) Department of Psychology, Developmental Psychology: Infancy and Childhood, Binzmuehlestrasse. 14, Box 21, CH-8050 Zurich, +41 (0)44 635 74 86

2) Jacobs Center for Productive Youth Development, Psychology of Child and Youth Development, Andreasstrasse 15, CH-8050 Zürich, +41 (0)44 634 06 76

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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:

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 (Project 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 01/06/2020–31/05/2024)

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. Julia Brehm

Completed: 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

Completed: Julia Brehm (2021); Ger, Ebru (2021); Kurthen, Ira (2020); Neresheimer, Christine (2020); Ledergerber, Katharina (2018); Mörsdorf, Lea (2020); Wermelinger, Stephanie (2018), Attig, Manja (2016); Keitel, Anne (2015); Wronski, Caroline (2014); Gampe, Anja (2013); Rauch, Jan (2011); Zmyj, Norbert (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); Swiss-European Mobility Program (SEMP; formerly ERASMUS, Departmental Representative); MAS School Psychology (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 – 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

86. **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*.
85. Eberhard-Moscicka, A. K., Jost, L. B., **Daum, M. M.**, & Maurer, U. (in press). Predicting reading from behavioral and neural measures – a longitudinal ERP study. *Frontiers in Psychology, section Language Sciences*.
84. * Ger, E., Küntay, A. C., Göksun, T., †Stoll, S., & †**Daum, M. M.** (2021). Do typological differences in the expression of causality influence preschool children's causal event construal? *Language and Cognition*
83. Gampe, A. ** Blaumeiser, J., & **Daum, M. M.**, (in press). Children's group loyalty is related to parental in-group collectivism. *Cognitive Development*.
82. * Moersdorf, L. †Freund, A. M., & †**Daum, M. M.**, (in press). For whom Is the path the goal? A lifespan perspective on the development of goal focus. *Collabra: Psychology*.
81. 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*.

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., Schölmerich, 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., & Schuurke, 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. Aldaqr, 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>
36. Gredebäck, G. & **Daum, M. M.** (2015). The microstructure of action perception in infancy: Decomposing the temporal structure of social information processing. *Child Development Perspectives*, 9(2), 79-83. <https://doi.org/10.1111/cdep.12109>
35. * Keitel, A., **Daum, M. M.** (2015). The use of intonation for turn anticipation in observed conversations without visual signals as source of information. *Frontiers in Psychology - Language Sciences*, 6:108. <https://doi.org/10.3389/fpsyg.2015.00108>
34. Melinder, A. M. D., Konijnenberg, C., Hermansen, T., **Daum, M. M.**, & Gredebäck, G. (2015). The developmental trajectory of pointing perception in the first year of life. *Experimental Brain Research*, 233(2), 641-7. <https://doi.org/10.1007/s00221-014-4143-2>
33. Zmyj, N., Prinz, W., & **Daum, M. M.** (2015). Eighteen-month-olds' memory interference and distraction in a modified A-not-B task is not associated with their anticipatory looking in a false-belief task. *Frontiers in Psychology - Developmental Psychology*, 6:857. <https://doi.org/10.3389/fpsyg.2015.00857>

2014

32. * Gampe, A. & **Daum, M. M.** (2014). Productive verbs facilitate action prediction in toddlers. *Infancy*, 19(3), 301-325. <https://doi.org/10.1111/infa.12047>
31. * Keitel, A., Prinz, W., & **Daum, M. M.** (2014). Perception of individual and joint action in infants and adults. *PLoS ONE* 9(9): e107450. <https://doi.org/10.1371/journal.pone.0107450>
30. * Wronski, C. & **Daum, M. M.** (2014). Spatial orienting following dynamic cues in infancy: Grasping hands versus inanimate objects. *Developmental Psychology*, 50(8), 2020-2029. <https://doi.org/10.1037/a0037155>

2013

29. **Daum, M. M.**, ** Ulber, J., & Gredebäck, G. (2013). The development of pointing comprehension in infancy: Effects of communicative verbal cues on covert shifts of attention. *Developmental Psychology*, 49(10), 1898-1908. <https://doi.org/10.1037/a0031111>
28. Aschersleben, G., Henning, A., & **Daum, M. M.** (2013). Discontinuities in early development of the understanding of physical causality. *Cognitive Development*, 28(1), 31-40. <https://doi.org/10.1016/j.cogdev.2012.09.001>

27. Buttelmann, D., Zmyj, N., **Daum, M. M.**, & Carpenter, M. (2013). Selective imitation of in-group over out-group members in 14-month-old infants. *Child Development*, 84(2), 422-428. <https://doi.org/10.1111/j.1467-8624.2012.01860.x>
26. * Keitel, A., Prinz, W., Friederici, A. D., von Hofsten, C. & **Daum, M. M.** (2013). Perception of conversations - The importance of semantics and intonation in children's development. *Journal of Experimental Child Psychology*, 116(12), 264–277. <https://doi.org/10.1016/j.jecp.2013.06.005>
25. * Zmyj, N., Prinz, W., & **Daum, M. M.** (2013). The relation between mirror self-image reactions and imitation in 14- and 18-month-old infants. *Infant Behavior and Development*, 36(4), 809-816. <https://doi.org/10.1016/j.infbeh.2013.09.002>

2012

24. **Daum, M. M.**, * Attig, M., Gunawan, R., Prinz, W., & Gredebäck, G. (2012). Action seen through babies' eyes: A dissociation between looking time and predictive gaze. *Frontiers in Cognition*, 3, 370. <https://doi.org/10.3389/fpsyg.2012.00370>
23. Beisert, M., Zmyj, N., Liepelt, R., Jung, F., & Prinz, W., & **Daum, M. M.** (2012). Rethinking 'rational imitation' in 14-month-old infants: A perceptual distraction approach. *PLoS ONE*, 7, e32563. <https://doi.org/10.1371/journal.pone.0032563>
22. Grossmann, T., Cross, E. S., Ticini, L. F., & **Daum, M. M.** (2012). The role of premotor and temporal cortex engagement during action observation in young infants. *Social Neuroscience*, 8(1), 22-30. <https://doi.org/10.1080/17470919.2012.696077>
21. * Melzer, A., Prinz, W., & **Daum, M. M.** (2012). Production and observation of contralateral reaching: A close link by 12 months of age. *Infant Behavior and Development* 35, 570-579. <https://doi.org/10.1016/j.infbeh.2012.05.003>
- 20 * Zmyj, N., **Daum, M. M.**, Prinz, W., & Aschersleben, G. (2012). Infants' preferences for object-directed actions of older children compared to object-directed actions of peers and adults. *Infant Behavior and Development*, 35(3), 533–542. <https://doi.org/10.1016/j.infbeh.2012.05.003>
19. * Zmyj, N., Prinz, W., Aschersleben, G., & **Daum, M. M.** (2012). The peer model advantage in infants' imitation of familiar gestures performed by differently aged models. *Frontiers in Developmental Psychology*, 3, 252. <https://doi.org/10.3389/fpsyg.2012.00252>

2011

18. **Daum, M. M.** & Gredebäck, G. (2011). The development of grasping comprehension in infancy: Covert shifts of attention caused by referential actions. *Experimental Brain Research*, 208(2), 297-307. <https://doi.org/10.1007/s00221-010-2479-9>
17. **Daum, M. M.** & Gredebäck, G. (2011). Spatial cueing by referential human gestures, arrows and mechanical devices. *International Journal of Mind, Brain, and Cognition*, 2, 113-126.
16. **Daum, M. M.**, Prinz, W., & Aschersleben, G. (2011). Perception and production of object-related grasping in 6-month-old infants. *Journal of Experimental Child Psychology*. 108(4), 810-818. <https://doi.org/10.1016/j.jecp.2010.10.003>
15. * Zmyj, N., **Daum, M. M.**, Prinz, W., Nielsen, M., & Aschersleben, G. (2011). 14-month-olds' imitation of familiar and novel actions demonstrated by differently aged models. *Infant and Child Development*, 21(3), 250-266. <https://doi.org/10.1002/icd.750>
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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.**, Bleiker, M., Wermelinger, S., Kurthen, I., Maffongelli, L., Antognini, K., Beisert, M., & Gampe, A. (2020). The kleineWeltentdecker App—A Smartphone-Based Developmental Diary. *PsyArXiv*. DOI: <https://doi.org/10.31234/osf.io/rgfdh>
- 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

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, 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, 4 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. 2021). 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, 27 January 2022