

Manuel Bohn

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Education

Ph.D. Psychology, Leipzig University, 2016

Advisors: Josep Call and Michael Tomasello

Grade: "summa cum laude" (highest distinction possible)

M.Sc. Psychology, University of Vienna & New York University, 2013

Grade: "with distinction" (highest distinction possible)

Employment

2020 – present	Senior Researcher Department of Comparative Cultural Psychology Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany
2017 – 2020	Marie Skłodowska-Curie Fellow Language and Cognition Lab, Stanford University, USA & Leipzig Research Center for Early Child Development, Germany
2016 – 2017	Postdoctoral researcher Department of Developmental and Comparative Psychology Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany
2013 – 2016	PhD Student Department of Developmental and Comparative Psychology Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany

Funding

2017 – 2020	ERC Marie Skłodowska-Curie Global Fellowship (€ 239 0860).
2013 – 2016	Studienstiftung des deutschen Volkes (PhD scholarship, € 45 000).
2012	University of Vienna (KWA short-term research grant, € 1 500).
2011	University of Vienna (Joint Study Stipend, € 2 000).
2010 – 2013	University of Vienna (Performance scholarship, € 700 per year).

Publications

* Student author ** Group authorship

Peer reviewed journal articles

1. **Bohn, M.**, *Kordt, C., *Braun, M., Call, J., & Tomasello, M. (*in press*). Learning novel skills from iconic gestures: A developmental and evolutionary perspective. *Psychological Science*
2. ****ManyPrimates**, et al.(2019). Collaborative open science as a way to reproducibility and new insights in primate cognition research. *Japanese Psychological Review*, 62(3), 205-220
3. Tauzin, T., **Bohn, M.**, Gergely, G., & Call, J. (2020). Context-sensitive adjustment of pointing in great apes. *Scientific Reports*, 10, 1048
4. **Bohn, M.**, & Frank, M. C. (2019). The pervasive role of pragmatics in early language. *Annual Review of Developmental Psychology*, 1, 223-249.
5. **Bohn, M.**, Kachel, G., & Tomasello, M. (2019). Young children spontaneously recreate core properties of language in a new modality. *PNAS*, 116(51), 26072-26077
6. ****ManyPrimates**, et al.(2019). Establishing an infrastructure for collaboration in primate cognition research. *PLoS ONE*. 14(10), e0223675
7. Margiotoudi, K., Allritz, M., **Bohn, M.**, & Pulvermüller, F. (2019). Sound symbolic congruency detection in humans but not in great apes. *Scientific Reports*, 9, 12705
8. **Bohn, M.**, Tessler, M. H., & Frank, M. C. (2019). Integrating common ground and informativeness in pragmatic word learning. *Proceedings of the 41st Annual Conference of the Cognitive Science Society*
9. **Bohn, M.**, Call, J., & Tomasello, M. (2019). Natural Reference: A phylo- and ontogenetic perspective on the comprehension of iconic gestures and vocalizations. *Developmental Science*, 22, e12757
10. **Bohn, M.**, *Zimmermann, L., Call, J., & Tomasello, M. (2018). The social-cognitive basis of infants' reference to absent entities. *Cognition*, 177, 41-48
11. **Bohn, M.** & Köymen, B. (2018). Common ground and development. *Child Development Perspectives*, 12(2), 104-108
12. **Bohn, M.**, Allritz, M., Call, J., & Völter, C. J. (2017). Information seeking about tool properties in great apes. *Scientific Reports*, 7, 10923
13. Schmelz, M., Duguid, S., **Bohn, M.**, & Völter, C. (2017). Individual and cooperative problem solving in giant otters (*Pteronura brasiliensis*) and Asian small-clawed otters (*Aonyx cinerea*). *Animal Cognition*, 20: 1107
14. **Bohn, M.**, Call, J., & Tomasello, M. (2016). Comprehension of iconic gestures by chimpanzees and human children. *Journal of Experimental Child Psychology*, 142, 1-17
15. **Bohn, M.**, Call, J., & Tomasello, M. (2016). The role of past interactions in great apes' communication about absent entities. *Journal of Comparative Psychology*, 130(4), 351-357
16. **Bohn, M.**, Call, J., & Tomasello, M. (2015). Communication about absent entities in great apes and human infants. *Cognition*, 145, 63-72
17. Stieger, S., Burger, C., **Bohn, M.**, & Voracek, M. (2013). Who commits virtual identity suicide? Differences in privacy concerns, Internet addiction, and personality between Facebook users and quitters. *Cyberpsychology, Behavior, and Social Networking*, 16(9), 629-34

Book Chapters

1. **Bohn, M.**, Völter, C. J., & Call, J. (*in press*). Evolutionary precursors of negation in non-human reasoning. In V. Deprez & M.T. Espinal (Eds.), *Oxford Handbook of Negation*: Oxford University Press.
2. **Bohn, M.** (2017). Information and the Evolution of Human Communication. In W. Hofkirchner, M. Burgin (Eds.), *Information Studies and the Quest for Transdisciplinarity* (pp. 345-362): World Scientific.

Preprints

1. **Bohn, M.**, Le, K., Peloquin, B., Koymen, B., & Frank, M. C. (2020). Children's interpretation of ambiguous pronouns based on prior discourse. *PsyArXiv*
2. Kachel, G., Hardecker, D., & **Bohn, M.** (2020). Young children's developing ability to integrate gestural and emotional cues. *PsyArXiv*
3. **Bohn, M.**, Tessler, M. H., Merrick, M., & Frank, M. C. (2019). Predicting pragmatic cue integration in adults' and children's inferences about novel word meanings. *PsyArXiv*
4. Jasbi, M., **Bohn, M.**, Long, B., Fournassi, A., Barner, D., & Frank, M. C. (2019). Comment on Cesana-Arlotti et al. (2018). *PsyArXiv*

Publications in German

1. **Bohn, M.** & Stöber, G. (2017). Soziale Determinanten menschlicher Kommunikation. *Forschungsbericht 2017 - Max-Planck-Institut für evolutionäre Anthropologie*.
2. Wentura, D., Bermeitinger, C., Eder, A., Giesen, C. G., Michalkiewicz, M., Hartwigsen, G., ... **Bohn, M.**, ... (2020). Kommentare zu Daum, MM, Greve, W., Pauen, S., Schuhrke, B. und Schwarzer, G.(2020). Positionspapier der Fachgruppe Entwicklungspsychologie: Ein Versuch einer Standortbestimmung. *Psychologische Rundschau*. 71(1), 24-46

Teaching

Fall 2019	Leipzig University Session in seminar (Early childhood research): Language development Session in seminar (Early childhood research): Research practise and open science
Spring 2018	Stanford University Guest lecture (Linguistics): Development of Pragmatics Session in seminar (Psychologie): Introduction to R
Summer 2017	Studienstiftung des deutschen Volkes Summer school (interdisciplinary): How to study animal minds?
Spring 2017	Leipzig University Lecture (Early Childhood Research): Non-verbal communication Co-taught with Daniel Haun
Fall 2016	University of Vienna Seminar (Psychology): Phylo- and ontogenetic roots of uniquely human cognition
Spring 2016	University of Heidelberg Seminar (Psychology & Philosophy): Human communication from a phylo- and ontogenetic perspective
Fall 2015	University of Vienna Seminar (Psychology): Social-cognitive development from a phylo- and ontogenetic perspective
Fall 2014	Friedrich-Schiller-Universität Jena Seminar (Psychology & Philosophy): Origins of Meaning - the Gricean theory of meaning and its interdisciplinary adoption
Spring 2014	Leipzig School of Human Origins Lecture (Psychology): Great ape culture and social learning Co-taught with Michael Tomasello
2008 – 2011	University of Vienna Teaching assistant for seminars/lectures on psychological methods

Invited Talks

- 2019 Cognitive Science Colloquium, University of Göttingen, Germany
 Social Origins Lab, UC Berkeley, USA
 Department of Psychology, FAU Erlangen-Nürnberg, Germany
 Department of Psychology, University of Chicago, USA
 Developmental Psychology Colloquium, UC Santa Cruz, USA
 Cognitive Science Seminar Series, Stanford University, USA
 Developmental Brownbag Seminar, Stanford University, USA
 Language and Cognitive Development Lab, UC Berkeley, USA
- 2018 Symposium on Language and Cognitive Development, Tsinghua University, China
 Friday Seminar, Stanford University, USA
 EcoGest Workshop, Bielefeld University, Germany
 Social Learning Lab, Stanford University, USA
 Developmental Brownbag Seminar, Stanford University, USA
 Stanford-Berkeley-UCSC Developmental Psychology Symposium, UCSC, USA
- 2017 SOMICS synergy meeting, CEU Budapest, Hungary
 Department of Philosophy, University of Leipzig, Germany
 Brain Language Laboratory, Free University Berlin, Germany
- 2016 Wissenschaftskolleg zu Berlin, Germany
 Marsilius Kolleg, University of Heidelberg, Germany
 Brain Language Laboratory, Free University Berlin, Germany
- 2015 International Society for Information Studies, Vienna, Austria

Conference Talks

- 2020 EvoLang XIII, Brussels, Belgium
 Budapest CEU Conference on Cognitive Development, Budapest, Hungary
- 2019 PaEpsy Conference, Leipzig, Germany
 Boston University Conference on Language Development, Boston USA
- 2018 International Primatological Society Congress, Nairobi, Kenya
 SemFest Conference, Department of Linguistics, Stanford University, USA
 Budapest CEU Conference on Cognitive Development, Budapest, Hungary
- 2017 International Congress for the Study of Child Language, Lyon, Frankreich
- 2016 International Primatological Society Congress, Chicago, USA
 German Society for Psychology, Leipzig, Germany
 Austrian Society for Psychology, Innsbruck, Austria
- 2015 European Society for Philosophy and Psychology, Tartu, Estonia
- 2014 International Primatological Society Congress, Hanoi, Vietnam

Peer Review

Animal Behavior and Cognition, Animal Cognition, Child Development, Child Development Perspectives, Cognition, Cognitive Development, Cortex, Current Anthropology, Developmental Science, Infant Behavior and Development, Journal of Comparative Psychology, Language Learning and Development, PLOS Biology, PLOS One, Synthese, Topoi.

Mentorship

Tom Hausmann (Bachelor)	Development of pragmatic inference
Larissa Kraus (Master)	Short-term memory in monkeys
Maren Braun (Master)	Learning from gestures in video demonstrations
Clara Kordt (Master)	Relations between different measures of pragmatic inference in young children
Marlene Försterling (Internship)	Compositional structure and semantic transparency in gestures
Annika Hansen (Stanford HBREX program)	Conditions for pragmatic inference in young children
Khuyen Le (Stanford VPUE program)	Graded sensitivity to common ground in adults and children
Greta Philippsen (Master)	Evolutionary origins of negation
Clara Kordt (Bachelor)	Teaching through iconic gestures in young children
Luise Zimmermann (Bachelor)	Social-cognitive basis of displacement
Jaques Achilles (BeLL)	Handedness in great apes

Ongoing collaborations

I'm involved in two large scale collaboration projects: ManyPrimates, which I initiated, and ManyBabies 2.

Josep Call, Matthias Allritz, Amanda Seed, Eleanor Jordan	University of St. Andrews, UK
Shona Duguid	University of Warwick, UK
Gregor Kachel	Leipzig University, Germany
David Hardecker	Max Planck Institute for Evolutionary Anthropology, Germany
Bahar Koymen	University of Manchester, UK
Michael Tomasello	Duke University, USA
Konstantina Margiotoudi, Friedemann Pulvermüller	FU Berlin, Germany
Michael C. Frank, Benjamin Peloquin, Janet Bang	Stanford University, USA
Virginia Marchman, Anne Fernald	
Michael H. Tessler	Massachusetts Institute of Technology, USA
Christoph Völter	University of Vienna, Austria
György Gergely, Tibor Tauzin	CEU Budapest, Hungary
Shuyan Zhao, Peng Zhou	Tsinghua University, China
Ailís Cournane	New York University, USA
Jared Taglialatela	Ape Cognition and Conservation Initiative, USA

Selected Media Coverage

- TV "Kinder können bei Bedarf eine neue Sprache entwickeln" – MDR Wissen, 02.2020
 "Am Drücker" – Elefant, Tiger & Co, MDR, 01.2017
 "Quadratisch, praktisch, gut" – Elefant, Tiger & Co, MDR, 10.2016
 "Krimi im Kreissaal" – Elefant, Tiger & Co?, ARD, 06.2015
- Radio "Wie entsteht Sprache? " – Dlf Aus Kultur- und Sozialwissenschaften, 02.2020
 "Globales Primatenforschungsprojekt" – SWR Wissen, 02.2020
 "Wie Sprache entsteht" – MDR Aktuell, 12.2019
 "Turning Off Volume on Skype Sheds Light on How Languages Emerge" – Living Lab Radio, 12.2019
 "Sprache der Tiere" – Deutschlandradio Kultur, 05.2015
- Print "Vom Ursprung der Sprachen" – Kreuzer online, 01.2020
 "Watching a 'language' develop when kids can't speak to each other" – Ars Technica, 12.2019
 "How Did Language Originate? Charades Might Offer A Clue" – forbes.com, 12.2019
 "Wie Sprachen aus dem Nichts entstehen" – wissenschaft.de / focus.de, 12.2019
 "Wie Sprachen entstehen: Experiment stellt die ersten Schritte nach" – derstandard.at, 12.2019
 "Affen wissen, wenn sie etwas nicht wissen - so wie wir" – welt.de, 12.2017
 "Menschenaffen reflektieren über ihr eigenes (Un-)Wissen" – derstandard.at, 09.2017
 "Menschenaffen wissen, wenn sie etwas nicht wissen" – kurier.at, 09.2017
 "Verstehst du uns, Kleines? " – Baby und Familie, 03.2017
 "Mitdenker" – DB Mobil, 12.2013

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