Dr. Hålgár Gärhárdt

Postdoctoral Researcher, Institute for Applied Microeconomics
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Professional experience

2011–present   Postdoctoral Researcher, Center for Economics and Neuroscience and Institute for Applied Microeconomics, and Lab Manager, BonnEconLab, University of Bonn, Germany.

2005–2011   Research and Teaching Assistant, Institute of Economic Policy, Humboldt-Universität zu Berlin, Germany.

Academic education

2005–2011   Humboldt-Universität zu Berlin, School of Business and Economics and Berlin School of Mind and Brain, Dr. rer. pol. (Ph.D. in Economics), *summa cum laude*. Dissertation: *Essays in Experimental and Neuro-economics*. Thesis advisors: Professor Lou E. Vuï-Tøn (economics) and Professor Ših-Iz Béta Zane-Ål (neuroscience).

1999–2004   Humboldt-Universität zu Berlin, School of Business and Economics, Diplom-Volkswirt (Diploma in Economics, M.Sc.-equivalent). Diploma thesis: *Reference-Dependent Consumer Preferences and Price Setting*. Awarded the WWG Prize for the best diploma degree completed in the 2004/05 winter term.

Publications

Peer-reviewed articles   Gerhardt, Holger, Hannah Schildberg-Hörisch, and Jana Willrodt. 2017. "Does self-control depletion affect risk attitudes?" *European Economic Review* 100 (November): 463–87. DOI: 10.1016/j.euroecorev.2017.09.004.

Marsh, Nina, Dirk Scheele, Justin S. Feinstein, Holger Gerhardt, Sabrina Strang, Wolfgang Maier, and René Hurlemann. 2017. "Oxytocin-enforced norm compliance reduces xenophobic outgroup rejection." *Proceedings of the National Academy of Sciences USA* 114 (35): 9314–19. DOI: 10.1073/pnas.1705853114.

Behrens, Janina R., Antje Kraft, Kerstin Irlbacher, Holger Gerhardt, Manuel C. Olma, and Stephan A. Brandt. 2017. "Long-Lasting Enhancement of Visual Perception with Repetitive Noninvasive Transcranial Direct Current Stimulation." *Frontiers in Cellular Neuroscience* 11 (Article 238): 1–10. DOI: 10.3389/fncel.2017.00238.

Strang, Sabrina, Holger Gerhardt, Nina Marsh, Sergio Oroz Artigas, Yang Hu, René Hurlemann, and Soyoung Q. Park. 2017. "A matter of distance—The effect of oxytocin on social discounting is empathy-dependent." *Psychoneuroendocrinology* 78 (April): 229–32. DOI: 10.1016/j.psyneuen.2017.01.031.

Schulreich, Stefan, Holger Gerhardt, and Hauke R. Heekeren. 2016. "Incidental Fear Cues Increase Monetary Loss Aversion." *Emotion* 16 (3): 402–12. DOI: 10.1037/emo0000124.

Marsh, Nina, Dirk Scheele, Holger Gerhardt, Sabrina Strang, Laura Enax, Bernd Weber, Wolfgang Maier, and René Hurlemann. 2015. "The Neuropeptide Oxytocin Induces a Social Altruism Bias." *Journal of Neuroscience* 35 (47): 15696–701. DOI: 10.1523/JNEUROSCI.3199-15.2015.

Schulreich, Stefan, Yana G. Heussen, Holger Gerhardt, Peter N. C. Mohr, Ferdinand C. Binkofski, Stefan Koelsch, and Hauke R. Heekeren. 2014. "Music-evoked incidental happiness modulates probability weighting during risky lottery choices." *Frontiers in Psychology* 4 (Article 981): 1–17. DOI: 10.3389/fpsyg.2013.00981.

Book chapter — Antoine, Nadja M., and Holger Gerhardt. 2014. "Bestätigende und herausfordernde Impulse in der kokreativen Interaktion. Kokreative Wertschöpfung unter den Bedingungen von Koopetition am Beispiel der Ideenplattform jovoto," in: Klein, Inga and Sonja Windmüller (eds.), *Kultur der Ökonomie. Zur Materialität und Performanz des Wirtschaftlichen, Edition Kulturwissenschaft*. transcript Verlag, Bielefeld, Germany, pp. 259–281.

Doctoral dissertation — Gerhardt, Holger. 2013. *Essays in Experimental and Neuroeconomics*. Humboldt-Universität zu Berlin, School of Business and Economics. https://edoc.hu-berlin.de/dissertationen/gerhardt-holger-2011-06-20.

Current research projects

Job market paper — Dertwinkel-Kalt, Markus, Holger Gerhardt, Gerhard Riener, Frederik Schwerter, and Louis Strang. "Concentration Bias in Intertemporal Choice." https://www.econtribute.de/RePEc/ajk/ajkdps/ECONtribute_076_2021.pdf. Accepted for publication, *Review of Economic Studies*.

Work in progress — Gerhardt, Holger, Guido Biele, Hauke R. Heekeren, and Harald Uhlig. "Cognitive Load Increases Risk Aversion." SFB 649 Discussion Paper No. 2016-011. https://sfb649.wiwi.hu-berlin.de/papers/pdf/SFB649DP2016-011.pdfs.

Teaching experience

University of Bonn — Lecture "Economics and Psychology" (joint with Frederik Schwerter), 2015/16, M.Sc. level.

Lecture "Experimentelle Wirtschaftsforschung" (in German, "Experimental Economics," joint with Sebastian Kube), 2014, B.Sc. level.

Workshop "Introduction to the software 'PsychoPy'," 2019 (Master in Neuroscience program).

Workshop "Introduction to the software 'Presentation'," 2011, 2014–2018 (Master in Neuroscience program).

Humboldt-Universität zu Berlin — Exercise classes to the lecture "Makroökonomie I" (in German, "Macroeconomics I"), B.Sc. level, 2008, 2009/10, 2011.

Exercise class to the lecture "Monetary Economics," B.Sc. level, 2009/10.

Exercise classes to the lecture "Growth and Inequality in an International Perspective," M.Sc. level, 2008, 2009.

Workshop on neuroeconomics: "Ökonomische Rationalität und das Gehirn" (in German, "Economic Rationality and the Brain") as part of the 7th symposium of the Humboldt-Forum Wirtschaft, 2007.

Exercise classes to the lecture "Konjunktur- und Wachstumspolitik/Angewandte Makroökonomie" (in German, "Business Cycle and Growth Policy/Applied Macroeconomics"), B.Sc. level, 2006, 2006/07, 2007/08.

Seminar "Bounded Rationality and Macroeconomics," M.Sc. level, winter 2005/06.

Services to the profession and community

Referee for — *European Economic Review*; *Frontiers in Decision Neuroscience*; *Journal of Economic Psychology*; *Journal of Institutional and Theoretical Economics*; *Journal of Neurophysiology*; *Journal of Neuroscience, Psychology, and Economics*; *Quantitative Economics*.

TeX templates — Available at https://github.com/HolgerGerhardt/TeXTemplates.

Miscellaneous

Language skills — German—native.
English, Hebrew—fluent.
French, Latin—basic knowledge.

Software skills — Mathematica, MATLAB, R, Stata—advanced knowledge; Python—basic knowledge.
FSL (tool for fMRI data analysis)—advanced knowledge.
z-Tree—expert knowledge; oTree, Presentation—advanced knowledge.
hroot, ORSEE—expert knowledge.

References

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Professor Sebastian Kube — University of Bonn, Germany
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