Julia M. Rohrer

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Education

2019	Doctor rerum naturalium, Leipzig University
2016	MSc Psychology, Leipzig University
2014	BSc Psychology, Leipzig University

Professional positions & research visits

October 2024 - present	Akademische Assistentin at the Department of Psychology, Leipzig University.
May 2026-June 2027	Maternal leave.
May 2024-September 2024	Vertretungsprofessur Psychology Methodenlehre W2 (temporary professorship, Psychological Methods) at the Department of Psychology, Leipzig University
June 2022-July 2023	Maternal leave.
October 2020-May 2022	Akademische Assistentin at the Department of Psychology, Leipzig University.
July 2019 – September 2020	Maternal leave.
2016-2019	Fellow of the International Max Planck Research School on the Life Course, Max Planck Institute for Human Development (Berlin) with affiliation to the German Institute for Economic Research (DIW, Berlin).
2017	3-month research visit, Institute for Social Research, University of Michigan
2013 - 2016	Teaching & research assistant at the Leipzig University (statistics, personality psychology) and at the University of Mainz (personality psychology)
2016	2.5-month research visit, Personality & Well-Being Lab, Department of Psychology, Michigan State University
2013	1.5-month research internship, German Socio-Economic Panel Study, DIW Berlin

Peer-reviewed publications

Rohrer, J. M., Hullman, J., & Gelman, A. (in press). What's a multiverse good for anyway? *AStA Advances in Statistical Analysis*.
Link to preprint

Botzet, L. J., Rohrer, J.M., Penke, L., & Arslan, R. C. (2026). No average treatment effect and low heterogeneity of hormonal contraceptive use on women's well-being. *Personality Science*. xoi:10.1177/27000710261499575
Link to article
Peer-reviewed & recommended by Peer Community In: Registered Reports.

Alsalti, T., Rohrer, J. M., & Arslan, R. C. (2026). Thinking Clearly About Sampling and Representation With the Total Survey Error Framework. *Social and Personality Psychology Compass.* doi:10.1111/spc3.70160

Link to article

Rohrer, J. M., McElreath, R., & Kachel, G. (2026). Why did the gender gap in adolescent life satisfaction grow? Evaluating methodological and demographic explanations. *Journal of Happiness Studies*. doi:10.1007/s10902-026-01068-6
Link to article

Rauthmann, J., Armbruster, D., Asselmann, E., Berkessel, J. B., Bleidorn, W., Buecker, S., ... & Zimmermann, J. (2026). Die Differentielle und Persönlichkeitspsychologie im Jahr 2025 [Personality Psychology in 2025: Status, Developments, and Prospects]. *Psychologische Rundschau*. doi:10.1026/0033-3042/a000737
Link to article (German), Link to English translation

what's this?

Rohrer, J. M. & Arel-Bundock, V. (2026). Models as prediction machines: How to convert confusing coefficients into clear quantities. *Advances in Methods and Practices in Psychological Science.* doi:10.1177/25152459261424825
Link to article

Botzet, L. J., Rohrer, J.M., Penke, L., & Arslan, R. C. (2026). Positive treatment effects and high heterogeneity of hormonal contraceptive use on women's sexuality. *Personality Science.* doi:10.1177/27000710251405173
Link to article
Peer-reviewed & recommended by Peer Community In: Registered Reports.

Mader, N., Rohrer, J. M., Schmukle, S. C., Buecker, S., Denissen, J. J. A., Dufner, M., Horstmann, K. T., & Arslan, R. C. (2025). Estimating the reliability and stability of emotional variability across time. *Collabra: Psychology*. doi:10.1525/collabra.147341
Link to article

Rohrer, J.M. & Paulewicz, B. (2025). Rethinking measurement invariance causally. *Current Research in Ecological and Social Psychology.* doi:10.1016/j.cresp.2025.100241.
Link to article

Rohrer, J. M. (2025). Thinking clearly about age, period, and cohort effects. *Advances in Methods and Practices in Psychological Science.* doi:10.1177/251524592513427
Link to article

Rohrer, J. M., Smith, G. D., & Munafò, M. (2025). What can be learned when multiple analysts arrive at different estimates. *European Journal of Epidemiology*. doi:10.1007/s10654-025-01249-2
Link to article

Schmukle S.C. & Rohrer J.M. (2025). Clarifying the choice of confidence intervals in psychological testing: A Comment on Stanley and Spence (2024). *Advances in Methods and Practices in Psychological Science*. doi:10.1177/25152459251328281

Link to article

van Dongen, N. N. N., Finnemann, A., de Ron, J., Tiokhin, L., Wang, S. B., Algermissen, J., Altmann, E. C., Chuang, L.-C., Dumbravă, A., Bahník, Š., Fuenderich, J., Geiger, S. J., Gerasimova, D., Golan, A., Herbers, J., Jekel, M., Lin, Y.-S., Moreau, D., Oberholzer, Y., … Borsboom, D. (2025). Practicing theory building in a many modelers hackathon: A proof of concept. *Meta-Psychology.* doi:10.15626/MP.2023.3688
Link to article

Rohrer, J. M., & Wenz, S. E. (2024). Inappropriate causal assumptions underlie Killingsworth, Kahneman, and Mellers' conclusions. *Proceedings of the National Academy of Sciences*. doi:10.1073/pnas.231371212
Link to article

Bailey, D. H., Jung, A. J., Beltz, A. M., Eronen, M. I., Gische, C., Hamaker, E. L., Kording, K. P., Lebel, C., Lindquist, M. A., Moeller, J., Razi, A., Rohrer, J. M., Zhang, B., & Murayama, K. (2024). Causal inference on human behaviour. *Nature Human Behaviour.* doi:10.1038/s41562-024-01939-z
Link to article

Rohrer, J. M., Seifert, I. S., Arslan, R. C., Sun, J., & Schmukle, S. C. (2024). The effects of satisfaction with different domains of life on general life satisfaction vary between individuals (but we cannot tell you why). *Collabra: Psychology.* doi:10.1525/collabra.121238
Link to article

Lucas, R. E., & Rohrer, J. M. (2024). On the robustness of reciprocal associations between personality and religiosity in a German sample. *Journal of Personality*. doi:10.1111/jopy.12964
Link to article

Clarke, B., Alley, L. J., Ghai, S., Flake, J. K., Rohrer, J. M., Simmons, J. P., Schiavone, S. R., & Vazire, S. (2024). Looking our limitations in the eye: A call for more thorough and honest reporting of study limitations. *Social and Personality Psychology Compass*. doi:10.1111/spc3.12979
Link to article

Chatton, A., & Rohrer, J. M. (2024). The Causal Cookbook: Recipes for propensity scores, g-computation, and doubly robust standardization. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/25152459241236149
Link to article

Seifert, I. S., Rohrer, J. M., & Schmukle, S. C. (2024). Using within-person change in three large panel studies to estimate personality age trajectories. *Journal of Personality and Social Psychology.* doi:10.1037/pspp0000482
Link to article, preprint

Rohrer, J. M. (2024). Causal inference for psychologists who think that causal inference is not for them. *Social and Personality Psychology Compass.* doi:10.1111/spc3.12948
Link to article

Grosz, M. P., Ayaita, A., Arslan, R. C., Buecker, S., Ebert, T., Hünermund, P., Müller, S. Rieger, S., Zapko-Willmes, A., Rohrer, J. M. (2024). Natural Experiments: Missed Opportunities for Causal Inference in Psychology. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/25152459231218610
Link to article

Krämer, M. D., Rohrer, J. M., Lucas, R. E., & Richter, D. (2024). Life events and life satisfaction: Estimating effects of multiple life events in combined models. *European Journal of Personality*. doi:10.1177/08902070241231017
Link to article

Mader, N., Arslan, R. C., Schmukle, S. C., & Rohrer, J. M. (2023). Emotional (in)stability: Neuroticism is associated with increased variability in negative emotion after all. *Proceedings of the National Academy of Sciences.* doi:10.1073/pnas.2212154120
Link to article, preprint

Rohrer, J. M., & Murayama, K. (2023). These are not the effects you are looking for: Causality and the within-/between-person distinction in longitudinal data analysis. *Advances in Methods and Practices in Psychological Science.* doi:10.1177/25152459221140842
Link to article

Deffner, D., Rohrer, J. M., & McElreath, R. (2022). A causal framework for cross-cultural generalizability. *Advances in Methods and Practices in Psychological Science.* doi:10.1177/25152459221106366
Link to article

Haber, N. A., Wieten, S. E., Rohrer, J.M.,...& Fox, M.P. (2022). Causal and Associational Language in Observational Health Research: A Systematic Evaluation. *American Journal of Epidemiology*. doi:10.1093/aje/kwac137
Link to article, preprint

Dudek, T., Brenøe, A. A., Feld, J., & Rohrer, J. M. (2022). No evidence that siblings' gender affects personality across nine countries. *Psychological Science.* doi: 10.1177/09567976221094630
Link to article

Rohrer, J. M., Hünermund, P., Arslan, R. C., & Elson, M. (2022). That's a lot to process! Pitfalls of Popular Path Models. *Advances in Methods and Practices in Psychological Science.* doi: 10.1177/25152459221095827
Link to article

Seifert, I.S., Rohrer, J.M., Egloff, B., & Schmukle, S.C. (2022). The Development of the Rank-Order Stability of the Big Five Across the Life Span. *Journal of Personality and Social Psychology: Personality Processes and Individual Differences.* doi: 10.1037/pspp0000398
Link to article, preprint

Rohrer, J., Schmukle, S., & McElreath, R. (2022). The only thing that can stop bad causal inference is good causal inference. *Behavioral and Brain Sciences*, doi:10.1017/S0140525X21000789
Link to article, preprint

Nosek, B. A., Hardwicke, T. E., Moshontz, H., Allard, A., Corker, K. S., Dreber, A., Fidler, F., Hilgard, J., Kline Struhl, M., Nuijten, M., Rohrer, J. M., Romero, F., Scheel., A., Scherer, L., Schönbrodt, F., & Vazire, S. (2021). Replicability, Robustness, and Reproducibility in Psychological Science. *Annual Review of Psychology.* doi: 10.1146/annurev-psych-020821-114157
Link to article, preprint

Atherton, O.E., Chung, J.M., Harris, K., Rohrer, J.M., Condon, D.M., Cheung, F., Vazire, S., Lucas, R.E., Donnellan, M.B., Mroczek, D.K., Soto, C.J., Antonoplis, S., Damian, R.I., Funder, D.C., Srivastava, S., Fraley, R.C., Jach, H., Roberts, B.W., Smillie, L.D., Sun, J., Tackett, J.L., Weston, S.J., Harden, K.P., & Corker, K.S. (2021). Why has personality psychology played an outsized role in the credibility revolution? *Personality Science*. doi: 10.5964/ps.6001
Link to article

Rohrer, J.M., Keller, T., & Elwert, F. (2021). Proximity Can Induce Diverse Friendships: A Large Randomized Classroom Experiment. *PLOS ONE.* doi: 10.1371/journal.pone.0255097
Link to article

Rohrer,* J. M., & Arslan,* R. C. (2021). Precise Answers to Vague Questions: Issues with Interactions. *Advances in Methods and Practices in Psychological Science*. doi: 10.1177/25152459211007368.
Link to article
* contributed equally

Rohrer, J. M., Tierney, W., Uhlmann, E. L., DeBruine, L. M., Heyman, T., Jones, B., Schmukle, S. C., Silberzahn, R., Willén, R. M., Carlsson, R., Lucas, R. E., Strand, J., Vazire, S., Witt, J. K., Zentall, T. R., Chabris, C. F., & Yarkoni, T. (2021).
Putting the Self in Self-Correction: Findings from the Loss-of-Confidence Project. *Perspectives on Psychological Science.* doi: 10.1177/1745691620964106
Link to article

Engzell,* P., & Rohrer,* J. M. (2020). Improving Social Science: Lessons from the Open Science Movement. *PS: Political Science & Politics*. doi: 10.1017/S1049096520000967
Link to article
* contributed equally

Grosz, M. P., Rohrer, J. M., & Thoemmes, F. (2020). The Taboo Against Explicit Causal Inference in Nonexperimental Psychology. *Perspectives on Psychological Science*. doi: 10.1177/1745691620921521
Link to article

Botzet, L. J., Rohrer, J. M., & Arslan, R. C. (2020). Analysing Effects of Birth Order on Intelligence, Educational Attainment, Big Five, and Risk Aversion in an Indonesian Sample. *European Journal of Personality.* doi: 10.1002/per.2285
Link to article

Weston, S. J., Ritchie, S. J., Rohrer, J. M., & Przybylski, A. K. (2019). Recommendations for Increasing the Transparency of Analysis of Pre-Existing Datasets. *Advances in Methods and Practices in Psychological Science*. doi: 10.1177/2515245919848684
Link to article

Brown, N. J., & Rohrer, J. M. (2019). Easy as (Happiness) Pie? A Critical Evaluation of a Popular Model of the Determinants of Well-Being. *Journal of Happiness Studies.* doi: 10.1007/s10902-019-00128-4
Link to article

Meyer, P., Schophaus, F. M., Glassen, T., Riedl, J., Rohrer, J. M., Wagner, G. G., von Oertzen, T. (2019). Using the Dirichlet Process to Form Clusters of People's Concerns in the Context of Future Party Identification. *PLOS ONE*. doi:10.1371/journal.pone.0212944
Link to article

Rohrer, J. M., Richter, D., Brümmer, M., Wagner, G. G., Schmukle, S. C. (2018). Successfully Striving for Happiness: Socially Engaged Pursuits Predict Increases in Life Satisfaction. *Psychological Science*. doi:10.1177/0956797618761660
Link to article, preprint, OSF project

Rohrer, J. M. (2018). Thinking Clearly About Correlations and Causation: Graphical Causal Models for Observational Data. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/2515245917745629
Link to article

Rohrer, J. M., & Schmukle, S. C. (2018). Individual Importance Weighting of Domain Satisfaction Ratings Does Not Increase Validity. *Collabra: Psychology*. doi:10.1525/collabra.116
Link to article, OSF project

Rohrer, J. M., Brümmer, M., Schupp, J., & Wagner, G. G. (2018). Worries Across Time and Age in the German Socio-Economic Panel Study. *Journal of Economic Behavior and Organization.* doi:10.1016/j.jebo.2018.02.012.
Link to article

Rohrer, J. M., & Lucas, R. E. (2018). Only so Many Hours: Correlations Between Personality and Daily Time Use in a Representative German Panel. *Collabra: Psychology*. doi:10.1525/collabra.112
Link to article, OSF project

Rohrer, J. M., Egloff, B., Kosinski, M., Stillwell, D., & Schmukle, S. C. (2018). In Your Eyes Only? Discrepancies and Agreement Between Self- and Other-Reports of Personality from age 14 to 29. *Journal of Personality and Social Psychology: Personality Processes and Individual Differences*. doi:10.1037/pspp0000142
Link to article, preprint, OSF project

Rohrer, J. M., Egloff, B., & Schmukle, S. C. (2017). Probing Birth-Order Effects on Narrow Traits Using Specification Curve Analysis. *Psychological Science*. doi:10.1177/0956797617723726
Link to article, preprint, OSF project

Rohrer, J. M., Brümmer, M., Schmukle, S. C., Goebel, J., & Wagner, G. G. (2017). „What Else Are You Worried About?" – Integrating Textual Responses into Quantitative Social Science Research. *PLOS ONE*. doi:10.1371/journal.pone.0182156
Link to article, OSF project

Rohrer, J. M., Egloff, B., & Schmukle, S. C. (2015) Examining the Effects of Birth Order on Personality. *Proceedings of the National Academy of Sciences*. doi:10.1073/pnas.1506451112
Link to article, OSF project

Conference contributions

2025 Chaired symposium: Improving inference about individual differences across designs. Talk: Improving inferences about personality development with new approaches to the age-period-cohort problem. DPPD 2025.

Talk: Teaching research methods with causal graphs, Applied Causal Graphs Workshop 2025.

2024 Chaired symposium: Less Wrong: Better Modeling for Better Inferences.

Talk: Does it Matter Whether Anyone Likes Mondays? 21st European Conference on Personality.

2023 Talk: Die Effekte von Zufriedenheit mit Lebensbereichen auf die allgemeine Lebenszufriedenheit, Meeting of the Personality Division of the German Association for Psychology (DPPD).

2021 Keynote: Tackling the Elephant in the Room: Better Science Needs Better Causal Inference, Conference of the Association for Interdisciplinary Meta-Research and Open Science (AIMOS).

Discussant: Correcting Historical Errors, Conference of the Association for Interdisciplinary Meta-Research and Open Science (AIMOS).

Talk: Making Sense of Interindividual Differences in Intraindividual Well-Being Associations, Meeting of the Personality Division of the German Association for Psychology (DPPD).

Discussant: Panel "How may we actually DO better science?", Meeting of the Personality Division of the German Association for Psychology (DPPD).

2018 Talk: Successfully Striving for Happiness, 19th European Conference on Personality.

Talk: Stolpersteine der automatischen Textanalyse – Pitfalls of Automated Text Analysis, Conference of the Center for Quantitative Empirical Social Sciences (QuanteL) at the Leipzig University.

2017 Chaired symposium: Pursuing Happiness. Old Questions, New Answers, Methodological Innovations. Talk: Socially-Embedded Strategies Predict Positive Changes in Life Satisfaction, Meeting of the Personality Division of the German Association for Psychology (DPPD).

Poster: Shifting Priorities. Age Changes in the Associations Between Domain Satisfaction and General Life Satisfaction, Conference of the Association for Research in Personality.

2016 Talk: The Observer's Perspective on Personality Maturation, 50. Congress of the German Association for Psychology.

Poster: In Your Eyes Only? Discrepancies and Agreement Between Self- and Peer-Reports of Personality from Age 14 to 29, 18th European Conference on Personality.

2015 Talk: Worries and Personality. Results from the Analysis of Free Text Answers, Meeting of the Personality Division of the German Association for Psychology (DPPD).

2014 Poster: Birth Order Effects on Personality, 17th European Conference on Personality.

Invited talks & workshops

2026 Invited talk: Developmental Causality Medley, Centre for Brain and Cognitive Development, University of London, London.

Invited talk: An introduction to causal graphs & causal graphs for missing data, Department of Psychology, Uppsala University, Uppsala.

Workshop: Causal inference, Symposium Science: To Be Determined, German Centre for Integrative Biodiversity Research (iDiv), Leipzig.

2025 Invited talk: Trust the process? (Causal) mediation analysis, Ludwig Maximilian University of Munich, Munich.

Invited talk: Thinking more clearly about correlations and causation with causal graphs, Ben-Gurion University of the Negev, Beersheba.

Invited talk: Models as prediction machines: How to convert confusing coefficients with *marginaleffects*, Laboratory for Computation & Language in Minds & Brains, Stanford University.

Invited talk: Making rigorous causal inference more mainstream, Causal Inference Interest Group, Centre for Longitudinal Studies, UCL, London.

Invited talk: Thinking clearly about correlations and causation, Meet the Experts, Linz School of Education, Linz.

Invited talk: Everything is causal inference (and causal inference is all the same), IMPRS LIFE Seminar, Max Planck Institute for Human Development, Berlin.

Invited talk: Thinking more clearly about correlations and causation with the help of causal graphs, Institutskolloquium, University of Wuppertal, Wuppertal.

Invited workshop: Trust the process? (Causal) mediation analysis, University of Wuppertal, Wuppertal.

Invited talk: How can we make rigorous causal inference more mainstream?, EuroCIM 2025, Ghent.

Invited talk: Causal inference based on observational data (or really any type of data), Department of Public Health and Primary Care, Ghent University, Ghent.

Invited talk: Thinking clearly about correlations and causation with the help of causal graphs, research seminar series at Oxford Brookes, Oxford.

Invited talk: Causal inference based on observational data (or really any type of data), Cognition Academy, Max Planck Institute for Cognitive and Brain Sciences, Leipzig.

Invited talk: Clarifying correlation and causation in intergroup contact research, Contact Colloquium of the International Contact Research Network.

Invited talk: Everything is causal inference, Data Science Brown Bag Series at the Hertie School of Governance, Berlin.

Invited talk: Causal inference for the experimentalist (and everybody else), Experimental Organization Science (EOS) Masterclass.

Invited talk: Thinking clearly about age, period, and cohort effects, Research Colloquium Analytical Sociology, Ludwig Maximilian University of Munich, Munich.

2024 Invited talk: (How) Do siblings shape our personalities? IMPRS LIFE Seminar, Max Planck Institute for Human Development, Berlin.

Invited talk: Large parts of psychological research are not even unreplicable, Kick-off meeting of the Incubator for Collaborative and Transparent Economic Sciences (Lab^2), Wissenschaftszentrum Berlin für Sozialforschung, Berlin.

Webinar contribution: Causal graphs as a simple yet effective reasoning tool, Causality, evidence and policy in behavioural research, Behavioural Research UK (BR-UK), University of Edinburgh.

Invited talk: Causal confusions lead to casual conclusions, Berlin Epidemiological Methods Colloquium, Charité, Berlin.

Workshop contribution: Causal graphs in psychology, 1st Berlin Applied Causal Graphs Workshop, Hertie School, Berlin.

Invited talk: Directed acyclic graphs as a tool to reason about causality, Seminar Series in Quantitative Life Sciences and Medicine, McGill University, Montreal.

Invited talk: Everything is causal inference (and causal inference is all the same), Academy of the Max Planck School of Cognition, Leipzig.

Invited talk: Yes, but what's your estimand? Transparent analysis goals as a precondition for meaningful research, Open Science Initiative, Universität zu Lübeck.

Invited talk: Thinking clearly about causation and correlation with directed acyclic graphs, Advanced Methods Seminar, Princeton.

2023 Invited talk: Less casual causal inference for experiments and longitudinal data, Research talks series of the Department of Communication, University of Vienna.

Invited talk: Causal Inference or: How to get the elephant in the room through the eye of the needle, Community of Advanced Methodological Learning, Carnegie Mellon University.

Invited talk: Korrelation impliziert keine Kausalität – aber was ist mit längsschnittlichen Korrelationen? Methodenkompetenzzentrum, TU Chemnitz.

Invited talk: Causal inference for the experimentalist (and everybody else), Department Colloquium of Comparative Cultural Psychology, Max Planck Institute for Evolutionary Anthropology.

2022 Keynote talk: "Yes, but what's your estimand?" – Improving Science Through Increased Research Goal Transparency, CIDER Spring Workshop, Leibniz Institute for Research and Information in Education.

Invited talk: "Yes, but what's your estimand?" – Improving Science Through Increased Research Goal Transparency, Jacobs/CIFAR Workshop "Causal Inference from Longitudinal Data."

Invited talk: Graphical Causal Models for Fun and Profit, Academy of the Max Planck School of Cognition, Berlin.

Invited talk: "Yes, but what's your estimand?" – Improving Science Through Increased Research Goal Transparency, Research seminar KU Leuven.

Invited talk: The Only Thing that can Stop Bad Causal Inference is Good Causal Inference, Organizational Behavior & Human Resource Management, Justus-Liebig Universität Gießen.

2021 Invited talk: Graphical Causal Models as a Reasoning Tool, Academy of the Max Planck School of Cognition, Berlin.

Invited talk: Bessere Wissenschaft braucht bessere Kausalinferenz, Herbsttagung AG Dank, Gesellschaft für Klassifikation (Data Science Society)

Invited seminar session: Open Science – Introduction, MSc Sport and Exercise Psychology, Leipzig University.

Invited talk and panel discussion: Open Science, Internationales Netzwerktreffen der DAAD-Fachlektor*innen

Invited talk: The Loss-of-Confidence Project, Max Planck Digital Library Open Science Days.

Keynote: Less Casual Causal Inference, international workshop "From Data to Causes", Methods Group Berlin, Humboldt University Berlin.

Invited talk: The Loss-of-Confidence Project, ReproducibilityTea Journal Club LMU.

Invited talk: Not Even Unreplicable: Vague Questions & Pseudo-Heterogeneity, UNSW Business School, UNSW Sydney.

Invited talk: Cool Things You (Probably) Didn't Know You Needed: Graphical Causal Models, Experimental Psychology Seminar, University College London.

Invited talk: Made a Huge Mistake — What now? Fostering a Culture of Second Chance, MeWell Community Zürich.

Invited talk: Cool Things You (Probably) Didn't Know You Needed: Graphical Causal Models, Melbourne School of Psychological Science Colloquium.

Invited talk: Less Casual Causal Inference, Quantitative Psychology Brown Bag, University of California Davis.

Invited talk: Less Casual Causal Inference, Advanced Methods Seminar, Princeton.

Invited talk: Less Casual Causal Inference, Chinese Open Science Network.

2020 Invited talk: A Walk in the Garden of Forking Paths, RIOT Science Club.

Webinar: Thinking Clearly about Correlation and Causation, APA Division 34 webinar series.

Invited colloquium talk: Dealing with Researcher Degrees of Freedom in Data Analysis, Uni Erfurt.

2019 Keynote: Tackling Bias with Preregistration and Registered Reports, Open Science Kick-off, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig.

Invited colloquium talk: Wissenschaft in der Vertrauenskrise: Open Science als Schritt hin zu verlässlicher Forschung – Science in the Credibility Crisis: Open Science as a Step Towards Reliable Research, Faculty of Sport Science, Leipzig University.

Keynote: The Magnificent Seven Years of Replication Crisis in Psychology: Lessons to Learn for Other Social Sciences, Open Social Science Conference, Mannheim.

2018 Invited colloquium talk: A Walk Through the Garden of Forking Paths, TU Dresden.

Invited colloquium talk: Shifting Priorities: Age Differences in the Correlates of Well-Being, University of Tilburg.

Invited colloquium talk: Interindividual Differences in the Correlates of Global Life Satisfaction, University of Bristol.

Invited talk: Open Science – An Overview, Open Science Hardware Symposium at the Technical University of Munich.

2017 Invited talk: Tackling Deep-Rooted Problems of Psychological Research, Workshop on Research Methods in Social Sciences and Business, University of New South Wales, Sydney.

Keynote: How to Fix a Scientific Culture, European Conference on Python in Science, Erlangen.

Workshop given: Stats crash course for journalism students, part of a data journalism course at the University of Mainz.

Invited colloquium talk: Shifting priorities – The Impact of Domain Satisfaction on Life Satisfaction Across the Life Course, University of Basel.

Teaching

- **Personality psychology**, bachelor course, Leipzig University SS21 and SS22
- **Psychological assessment and test theory**, bachelor course, Leipzig University WS 21/22 and WS 24/25
- **Test design**, master course, Leipzig University WS20/21, WS21/22, WS 23/24, WS 24/25, and WS 25/26
- **Introduction to research methods**, bachelor course, Leipzig University WS24/25 and WS 25/26
- **Statistics II**, bachelor course, Leipzig University, SS 24
- Multivariate statistics, evaluation and research methods, master course, Leipzig University SS 24

General audience

Media presence: My research and Open Science engagement have been covered by a number of media outlets, among others 3sat, ABC, arte, BBC, Deutschlandfunk, Deutschlandradio, Frankfurter Allgemeine Zeitung, Huffington Post, Le Monde, MDR, NBC, NDR, NPR: Science Friday, Neue Zürcher Zeitung, Psychology Today, Quarks, Radioeins, Spektrum, Süddeutsche Zeitung, SWR, Tagesspiegel, The Guardian, The New York Times, Time Magazine, Vox.com, WDR , ZDF, Zeit online, Zeit Wissen.

Podcast appearances: ARD „Die großen Fragen in 10 Minuten“: Werden Einzelkinder zu Egoisten? (link)

BBC World Service: What in the World, Does birth order shape your personality? (link)

Decoding the Gurus: Open Science, Psychology, and the Art of Not Quite Claiming Causality with Julia Rohrer (link)

This Little Life Podcast: Inside your child's personality (link)

NDR Info Synapsen: Wie sehr prägen uns unsere Geschwister? (link)

Causal Bandits Podcast: Causal Inference, Human Behavior, Science Crisis & The Power of Causal Graphs (link)

Aha! Zehn Minuten Alltags-Wissen: Geschwister – Das bedeutet die Reihenfolge für die Persönlichkeit (link)

The Guardian – Science Weekly: Classic older child? What the science says about birth order and personality (link)

Wissen Weekly, Family: Wie beeinflussen Geschwister unsere Persönlichkeit? (link)

ReproducibiliTea Podcast, SpecialiTea 3: Julia Rohrer (link)

Personality Psychology Podcast, #1 Introducing personality psychology with Julia Rohrer & Jaap Denissen (link)

Science Friday, When Scientists Get It Wrong (link)

Two Psychologists Four Beers, The C-Word (with Julia Rohrer) (link)

The Bayes Factor, Julia Rohrer and Anne Scheel (link)

2017 Newspaper article: Hauptsache gesund und ein Leben in Frieden, Frankfurter Allgemeine Zeitung, print issue 27 January; article about civic participation written together with Martin Brümmer and Gert G. Wagner.

2016 Talk: Lebensqualität in Deutschland, Veranstaltung des Sachverständigenrats für Verbraucherfragen; talk on quality of life in Germany for the Advisory Council for Consumer Affairs together with Martin Brümmer and Gert G. Wagner.

Additional training received

2022 Train-the-Trainer Research Data Management, two days of training for the facilitation of workshops on research data management, DFG-funded project FDNext

2018 Summer School on Socioeconomic Inequality, weeklong summer school organized by the Human Capital and Economic Opportunity Global Working Group (HCEO), University of Chicago, and the briq Institute on behavior & inequality, Bonn

2017 Predictive Modeling/Machine Learning, Florian Pargent and Clemens Stachl, held at the Meeting of the Personality Division of the German Association for Psychology

2016 Multilevel Analyses in R, Jenny Wagner, held at Leipzig University

2015 Causal Identification in Social Research, Felix Elwert, held at Zentrum für quantitative Methoden der empirischen Sozialforschung, Leipzig University

Strukturgleichungsmodelle mit R (Structural equation modeling in R), Maike Luhmann, held at the Meeting of the Personality Division of the German Association for Psychology

Statische und dynamische Modelle zur Analyse von Längsschnittdaten in der psychologischen Forschung (Static and dynamic models for the analysis of longitudinal data in psychological research), Manuel Völkle, held at the Meeting of the Methods & Evaluation Division of the German Association for Psychology

Funding & Awards

2023 Student teaching award (first place) at the Wilhelm Wundt Institute for Psychology, Leipzig University.

2022 Pre-Doc Award, one year of funding to support my student Isabel Gebhardt in the preparation of her doctoral research

2021 Student teaching award (first place) at the Wilhelm Wundt Institute for Psychology, Leipzig University.

2021 Förderung „Digitale Hochschulbildung“ BMBF, „Was, wie warum? Einstiegskurs Kausale Inferenz“

2019 Tanaka Dissertation Award by the Association for Research in Personality.

2016 -2019 PhD scholarship, International Max Planck Research School on the Life Course.

2019 Grant for a research visit to the University of Illinois Urbana-Champaign, German Academic Exchange Service (DAAD) – grant awarded but declined because of pregnancy.

2018 Preregistration Challenge prize awarded for Rohrer, Richter, Brümmer, Wagner, & Schmukle (2018).

2018 EAPP scholarship, Travel grant, 19th European Conference on Personality.

2017 Research visit grant, University of Michigan.

2016 PROMOS scholarship, German Academic Exchange Service (DAAD).

EAPP travel grant, 18th European Conference on Personality.

Roles

Editor Senior Editor for Psychological Science (since 2025), Recommender (action editor) for PCI RR (Peer Community In: Registered Reports)

Past roles: Statistics, Transparency and Rigor (STAR) Editor for Psychological Science (2024), Associate Editor for the European Journal of Personality (2023-2024)

Board membership Advances in Methods and Practices in Psychological Science (since 2022), Journal of Personality and Social Psychology: Personality and Individual Differences (since 2021), Personality Science (since 2021), Meta-Psychology (foundational advisory board member, since 2017), Journal of Personality (consultant editor since 2017).

Past roles: European Journal of Personality (2021-2025),

Reviewer	Advances in Methods and Practices in Psychological Science, American Psychologist, Archives of Sexual Behavior, Asian Development Perspectives, Child Development, Collabra: Psychology, European Journal of Personality, Evolutionary Behavioral Science, Evolutionary Psychological Science, Journal of Personality and Social Psychology: Interpersonal Relations and Group Processes, Journal of Personality and Social Psychology: Personality and Individual Differences, Frontiers in Psychology, Journal of Well-Being Assessment Language Learning, Nature Human Behaviour, PeerJ, Personality and Social Psychology Bulletin, Personality and Social Psychology Review, Perspectives on Psychological Science, Plos One, Psychology Learning and Teaching, Psychological Methods, Psychological Science, Psychology of Women Quarterly, Public Opinion Quarterly, Royal Society Open Science, SAGE Open, Scandinavian Journal of Psychology, Social Psychology and Personality Science, Wellcome Trust...
Member	European Association of Personality Psychology, Deutsche Gesellschaft für Psychologie (Fachgruppen: Differentielle Psychologie, Persönlichkeitspsychologie und psychologische Diagnostik; Methoden & Evaluation)

Community & service

2024-2026	Member of the International Advisory Committee of the UK Reproducibility Network
2022	Founder of the Open Science Network Leipzig, a collection of open science related initiatives, individuals and projects in Leipzig: openscience-leipzig.org
2020 - 2022	Organization of an early-career writing group at the Department of Psychology, Leipzig University
2019 - 2022	Member of the Awards Committee of the Society for the Improvement of Psychological Science
2018 - 2020	Member of Quantel, the Center for Quantitative Empirical Social Research at the Leipzig University
2017 - 2021	Advisory board member, Curate Science, crowdsourced platform to track, organize and evaluate replications of published findings in the social sciences.
2017 - present	Blog on metascience, the100.ci, together with Anne Scheel, Malte Elson and Ruben C. Arslan.
2017	Founder of the Open Science Initiative Leipzig at the Department of Psychology, Leipzig University, with Stefan Schmukle.
2016 - 2017	Associate editor, in-mind.org, (peer-reviewed) online magazine for psychology.
2010 - 2015	Organization and facilitation of seminars and workshops for long-term volunteers, Service Civil International (SCI).
2011 - 2015	Science editor, Leipzig's independent university newspaper *student!* (now called luhze)