

## Julian Roelle

Curriculum Vitae

January 2026

### CONTACT INFORMATION

Universität Münster  
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Male, born 1984-03-21 (Soest, Germany), three kids

### PROFESSIONAL EXPERIENCE

09/2025	present	Professor W3, Institute für Psychology in Education and Instruction, University of Münster, Germany
07/2020	08/2025	Professor W3, Faculty of Philosophy and Educational Research and Professional School of Education, Ruhr University Bochum, Germany
10/2017	06/2020	Professor W2, Faculty of Philosophy and Educational Research and Professional School of Education, Ruhr University Bochum, Germany
02/2012	09/2017	Postdoctoral Researcher, Institute of Psychology, Bielefeld University, Germany
10/2009	01/2012	Doctoral student, Institute of Psychology, Bielefeld University, Germany

### OFFERED POSITIONS

10/2024	Offer for W3 Professorship (Psychology of Education), University of Münster; accepted 02/2025, start date 09/2025
06/2020	Offer for W3 Professorship (Psychology of Education), Faculty of Philosophy and Educational Research and Professional School of Education, Ruhr University Bochum, Germany; accepted 06/2020; start date 07/2020
03/2020	Offer for W3 Professorship (Educational Psychology), Faculty of Education, University of Erfurt, Germany
08/2017	Offer for W2 Professorship (School Education), Institute of Educational Research, Leibniz University Hannover, Germany
06/2017	Offer for W2 (tenure-track W3) Professorship (Educational Psychology), Institute of Psychology, Justus Liebig University Gießen, Germany
03/2017	Offer for W2 Professorship (Educational Intervention, Evaluation and Implementation), Faculty of Philosophy and Educational Research and Professional School of Education, Ruhr University Bochum, Germany; accepted 09/2017; start date 10/2017

### ACADEMIC DEGREES

01/2018	Habilitation (with <i>venia legendi</i> for Psychology), Institute of Psychology, Bielefeld University, Germany
12/2011	Doctorate in Psychology, Institute of Psychology, Bielefeld University, Germany
04/2010	Diploma in Psychology, Institute of Psychology, University of Freiburg, Germany
06/2003	Abitur, Archigymnasium Soest, Germany

### GRANTS

Co-PI (PI: Yves Gensterblum, further Co-PIs Marcel Kern, Esther Dominique Klein, Annette Kluge, Matthias Kostrzewa, Julia Waldeyer), "Process and organizational support for school authorities on the path to OER integration [Prozess- und Organisationsbegleitung von Schulträgern auf dem Weg zur OER-Integration]". Federal Ministry of Education and Research (ca. 1,599k €; share of subproject together with Julia Waldeyer: ca. 380k €), 2024-2028.

PI (Co-PI Detlev Leutner; Cooperation partner: Philipp Schmiemann), "Enhancing lasting learning by generative drawing through integration of retrieval practice", subproject of the Research Unit "Lasting learning: Cognitive mechanisms and effective instructional implementation (speaker: Tobias Richter), German Research Foundation (Research Unit ca. 4,200k €; share of subproject: ca. 414k €), 2022-2026.

Co-PI (PI: Yves Gensterblum, further Co-PIs Guido Brombach, Gunnar Dachrodt, Nicolas Großmann, Bernd Kühlenkötter, Marc Otten, Christopher Prinz, Manfred Wannöffel, Julia Waldeyer), „Knowledge based learning platform with Artificial Intelligent structured content (KAINE).“ Federal

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Ministry of Education and Research (ca. 2,243k €; share of subproject together with Julia Waldeyer: ca. 297k €), 2021-2024.

PI (Co-PIs Matthias Nückles, Alexander Renkl; Cooperation partners: Tino Endres, Shana Carpenter), "How to combine generative learning and retrieval practice in fostering the acquisition of declarative concepts?", German Research Foundation (ca. 323k €; share of subproject: ca. 273k €), 2021-2025.

Co-PI (PI: Yves Gensterblum, further Co-PIs Bernd Kuhlenkötter, Nikol Rummel, Katharina Uffmann, Joachim Wirth), "Enhancing efficiency of continuing education through intelligent learning support measures in sustainable, in-service and hybrid continuing education programmes." Federal Ministry of Education and Research (ca. 1,005k €; share of subproject: ca. 185k €), 2020-2023.

Co-PI (PI: Gabriele Bellenberg, further Co-PIs Sandra Aßmann, Judith Visser, Joachim Wirth), "Digitization in the training of student teachers: Enabling orientation and design." Federal Ministry of Education and Research (ca. 2,229k €; share of subproject: ca. 285k €), 2020-2023.

Co-PI (PI: Stefan Rumann, further Co-PIs: Elke Sumfleth, Maria Opfermann, Carsten Schmuck, Eckhart Hasselbrink), "Fostering scientific modeling in chemistry degree courses." German Research Foundation (ca. 200k €; share of subproject: ca. 59k €), 2018-2021.

PI (Co-PIs Axel Grund, Stefan Fries, Kirsten Berthold), "Development and evaluation of means for adaptively structuring test-based learning." Federal Ministry of Education and Research (ca. 335k € = own share), 2017-2020.

Co-PI (PI: Kirsten Berthold, further Co-PIs: Rudolf vom Hofe, Alexander Salle), "Learning Reflection." Federal Ministry of Education and Research (ca. 136k €; no own share), 2016-2019.

PI (Cooperation partner: Stefan Rumann), "How to foster learning from introductory instructional explanations relating to the domain of chemistry through relevance instructions?" German Research Foundation (ca. 68k € = own share), 2015-2016.

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#### **NETWORKS, NETWORK PROJECTS AND THIRD-PARTY-FUNDED COOPERATIONS**

2026-2027	Cooperation Partner, "Hierarchical taxonomies and taxonomy visualization: Methodological extensions for business informatics" (PIs: Dennis Kundisch, Jan Muntermann; project funded by the German Research Foundation)
2024-2027	<a href="#">Content-related functions of linguistic signs in the context of language awareness</a> Funded by the German Research Foundation (speaker: Björn Rothstein)
2023-2025	<a href="#">Center for Mind &amp; Cognition</a> (speaker: Albert Newen)
2022-	<a href="#">Self-regulated learning in digitalized school</a> (SeReLiDiS). Funded by the Federal Ministry of Education and Research (speaker: Joachim Wirth)
2018-	<a href="#">Unifying cognitive load and self-regulated learning research: Monitoring and regulation of effort</a> (MRE). Funded by the Jacobs Foundation and EARLI (speaker: Anique de Bruin)

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#### **EDITORSHIPS AND EDITORIAL BOARDS**

2026-	Associate Editor of <a href="#">Learning and Instruction</a>
2026-	Editorial Board member for <a href="#">Applied Studies in Innovative Learning and Teaching</a>
2026-	Editorial Board member for <a href="#">Psychologie in Erziehung und Unterricht</a>
2025-	Guest Editor (together with Veit Kubik, Tamara van Gog, and Ralf Rummer) of a Special Issue in <i>Learning and Instruction</i> : <a href="#">Retrieval Practice in Meaningful Learning: When and Why Does it Work?</a>
2023-2025	Guest Editor (together with Tobias Richter) of a Special Issue in <i>Learning and Instruction</i> : <a href="#">Toward Lasting Learning: Cognitive Mechanisms and Instructional Means to Maintain the Outcomes of Meaningful Learning (ongoing)</a>
2023	Editor (together with Marion Händel and Julia Waldeyer) of a Special Issue in <i>German Journal of Developmental and Educational Psychology</i> : <a href="#">Advances in Understanding and Fostering the Accuracy of Metacognitive Judgments</a>
2023-2025	Editor-in-Chief of <a href="#">Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie</a> [ <i>German Journal of Developmental and Educational Psychology</i> ]
2022-	Consulting Editors Board member for <a href="#">Journal of Educational Psychology</a>
2022-	Editorial Board member for <a href="#">Learning and Instruction</a>
2022	Editor of a Special Issue (together with Mirjam Ebersbach and Tobias Richter) in <i>German Journal of Developmental and Educational Psychology</i> : <a href="#">Promoting lasting learning by enhancing desirable difficulties with meaningful processing</a>

2022	Guest Editor (together with Tino Endres and Alexander Renkl) of a Special Issue in <i>Unterrichtswissenschaft</i> : <a href="#">How can retrieval practice (not) be made relevant for learning in school and higher education?</a>
2020-2022	Associate Editor of <a href="#">Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie</a> [German Journal of Developmental and Educational Psychology]
2020-2022	Principal Reviewer Board member for <a href="#">Journal of Educational Psychology</a>
2020	Guest Editor (together with Vincent Hoogerheide) of a Special Issue in <i>Applied Cognitive Psychology</i> : <a href="#">Example-Based Learning: New Theoretical Perspectives and Use-Inspired Advances to a Contemporary Instructional Approach</a>
2020	Guest Editor (together with Anique de Bruin, Martine Baars, and Shana Carpenter) of a Special Issue in <i>Educational Psychology Review</i> : <a href="#">Synthesizing Cognitive Load and Self-Regulation Theory: A Theoretical Framework and Research Agenda</a>
2019-	Editorial Board member for <a href="#">Unterrichtswissenschaft</a>
2017-2023	Editorial Board member for <a href="#">Contemporary Educational Psychology</a>
2016-2018	Consulting Editor for <a href="#">Educational Psychology</a>

## SERVICE (SELECTION)

Director	Institute of Educational Research (04/2023 – 03/2024)
Speaker	Graduate program of the Professional School of Education (PSE), Ruhr University Bochum, “Metacognitive Monitoring in Authentic Learning Environments in Out-Of-School Labs (MeMo-akS)” (10/2018 – 03/2024)
Coordinator	EARLI SIG 06 – Instructional Design (2021-2025)
Organizing Committee	EARLI SIG 06 & 07 Conference 2022 in Zollikofen; WiSuaL Conference 2022 in Bochum; EARLI SIG 06 & 07 Conference 2024 in Tübingen
Chair	Ethics committee of the Faculty of Philosophy und Educational Research, Ruhr University Bochum (2021-2025); Ethics committee of the Professional School of Education, Ruhr University Bochum (2022-2025)
Ad-hoc reviewer	Applied Cognitive Psychology; Applied Studies in Innovative Learning and Teaching; Cognition; Cognition and Emotion; Cognition and Instruction; Computers and Education; Contemporary Educational Psychology; Discourse Processes; Educational Psychology; Educational Psychology Review; Empirical Research in Vocational Education and Training; European Journal of Engineering Education; European Journal of Psychology of Education; Frontiers in Education; Frontiers in Psychology; Instructional Science; Interactive Learning Environments; International Journal of Cyber Behavior, Psychology and Learning; Journal of Applied Research in Memory and Cognition; Journal of Cognitive Education and Psychology; Journal of Cognitive Psychology; Journal of Computer Assisted Learning; Journal of Educational Psychology; Journal of Experimental Psychology: General; Journal of Interactive Media; Journal of Numerical Cognition; Language Learning; Learning and Individual Differences; Learning and Instruction; Learning, Culture and Social Interaction; Memory; Memory & Cognition; Metacognition and Learning; Peabody Journal of Education; Psychology Learning and Teaching; Psychologische Rundschau; Psychonomic Bulletin & Review; Quarterly Journal of Experimental Psychology; SAGE Open; Social Psychology of Education; Studia Psychologica; The Journal of Experimental Education; Unterrichtswissenschaft; Technology, Knowledge and Learning; Zeitschrift für die Didaktik der Naturwissenschaften; Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie
Reviewer for Funding Organizations	German Research Foundation (DFG); Icelandic Research Fund (IRF); Netherlands Organisation for Scientific Research (NWO); Swiss National Science Foundation (SNF)
Search Committees	W2 Professorship “Lifelong Learning” (2019); W1 (tenure-track W2) Professorship “Educational Data Science” (2019); W1 (tenure-track W2) Professorship “Educational Psychology” (2021)

## AWARDS/RECOGNITIONS

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08/2022	Ranked on the <a href="#">list of top producing scholars in educational psychology journals from 2015-2021</a> (point method); #5 among scholars working in Germany
01/2016	SIG Recognition Award for the best paper presentation at the EARLI SIG 6 & 7 Conference, Dijon, France.
11/2011	Young Talent Award of the Gründerfonds Bielefeld-Ostwestfalen GmbH & Co. KG for transfer-oriented research (profile: Human Development, Conflict and Violence) presented as part of the research competition [science fair].
05/2010	Congress scholarship of the section Educational Psychology of the German Society of Psychology for an exceptionally good diploma thesis.

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#### **DOCTORAL STUDENTS**

Advisor	Seokyoung Kim (since 07/2023), Niklas Obergassel (since 10/2021)
Co-Advisor	Muhammed Giraz (since 03/2020)
Completed	Dr. Svenja Heitmann (03/17 – 03/22; parental leave from 02/20 – 02/21), Dr. Linda Froese (06/20 – 04/24), Dr. Rebecca Krebs (07/20 – 10/24)

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#### **POSTDOCTORAL RESEARCHERS WHO BECAME PROFESSORS**

Dr. Julia Waldeyer (2018-2025; accepted a W1 Professorship with tenure-track (Educational Psychology) at TU Braunschweig in July 2025)