

## Julian Roelle

Curriculum Vitae

October 2024

### CONTACT INFORMATION

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

### PROFESSIONAL EXPERIENCE

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07/2020	present	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	Postdoc, Institute of Psychology, Bielefeld University, Germany
04/2010	01/2012	Doctoral student, Institute of Psychology, Bielefeld University, Germany

### OFFERED POSITIONS

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10/2024	Offer for W3 Professorship (Psychology of Education), University of Münster
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

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01/2018	Habilitation (with <i>venia legendi</i> for Psychology), Institute of Psychology, Bielefeld University, Germany
12/2011	Doctorate in Psychology ( <i>magna cum laude</i> ), Institute of Psychology, Bielefeld University, Germany
04/2010	Diploma in Psychology (1.0, with distinction), Institute of Psychology, University of Freiburg, Germany
06/2003	Abitur (1.0, with distinction), Archigymnasium Soest, Germany

### GRANTS

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#### *Positively evaluated (formal decision pending)*

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]". Project outline positively evaluated and invited to submit a full proposal by the Federal Ministry of Education and Research. Planned project start: December 2024, Planned project duration: 48 months (funds requested: ca. 2,362,464.00 €; share of subproject together with Julia Waldeyer: ca. 384,324.00 €).

#### *Funded*

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. 4,200,000.00 €; share of subproject: ca. 414,390.00 €), 2022-2026.

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Co-PI (PI: Yves Gensterblum, further Co-PIs Guido Brombach, Gunnar Dachrodt, Nicolas Großmann, Bernd Kuhlenkötter, Marc Otten, Christopher Prinz, Manfred Wannöffel, Julia Waldeyer), „Knowledge based learning platform with Artificial Intelligent structured content (KAINE).” Federal Ministry of Education and Research (ca. 2,243,711.00 €; share of subproject together with Julia Waldeyer: ca. 297,335.62 €), 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. 323,000.00 €; share of subproject: ca. 273,107.00 €), 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. 1,005,000.00 €; share of subproject: 185,188.20 €), 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. 2,229,000.00 €; share of subproject: ca. 285,859.94 €), 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. 200,000.00 €; share of subproject: ca. 59,496.00 €), 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. 335,000.00 € = 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. 136,000.00 €; 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. 68,000.00 € = own share), 2015-2016.

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## NETWORKS & NETWORK PROJECTS

- 2023- [Center for Mind & Cognition](#) (speaker: Albert Newen)
- 2022- [Self-regulated learning in digitalized school](#) (SeReLiDiS). Funded by the Federal Ministry of Education and Research (speaker: Joachim Wirth)
- 2018- [Unifying cognitive load and self-regulated learning research: Monitoring and regulation of effort](#) (MRE). Funded by the Jacobs Foundation and EARLI (speaker: Anique de Bruin)

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## EDITORSHIPS AND EDITORIAL BOARDS

- 2023- Guest Editor (together with Tobias Richter) of a Special Issue in *Learning and Instruction*: [Toward Lasting Learning: Cognitive Mechanisms and Instructional Means to Maintain the Outcomes of Meaningful Learning \(ongoing\)](#)
- 2023 Editor (together with Marion Händel and Julia Waldeyer) of a Special Issue in *German Journal of Developmental and Educational Psychology*: [Advances in Understanding and Fostering the Accuracy of Metacognitive Judgments](#)
- 2023- Editor-in-Chief of [Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie](#) [*German Journal of Developmental and Educational Psychology*]
- 2022- Consulting Editors Board member for [Journal of Educational Psychology](#)
- 2022- Editorial Board member for [Learning and Instruction](#)
- 2022 Editor of a Special Issue (together with Mirjam Ebersbach and Tobias Richter) in *German Journal of Developmental and Educational Psychology*: [Promoting lasting learning by enhancing desirable difficulties with meaningful processing](#)
- 2022 Guest Editor (together with Tino Endres and Alexander Renkl) of a Special Issue in *Unterrichtswissenschaft*: [How can retrieval practice \(not\) be made relevant for learning in school and higher education?](#)
- 2020-2022 Associate Editor of [Zeitschrift für Entwicklungspsychologie und Pädagogische Psychologie](#) [*German Journal of Developmental and Educational Psychology*]
- 2020-2022 Principal Reviewer Board member for [Journal of Educational Psychology](#)

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>
2019-2017-2023	Editorial Board member for <a href="#">Unterrichtswissenschaft</a>
2016-2018	Editorial Board member for <a href="#">Contemporary Educational Psychology</a>
	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 (since 09/2021)
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 (since 02/2021); Ethics committee of the Professional School of Education, Ruhr University Bochum (since 05/2022)
Ad-hoc reviewer	Applied Cognitive Psychology; 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**

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.

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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.

### **DOCTORAL STUDENTS**

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Advisor	Seouyoung Kim (since 07/2023), Niklas Obergassel (since 10/2021)
Co-Advisor	Martin Pieper (since 05/2016), 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)