

Curriculum Vitae

Valentina Nachtigall

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Formal Education

- 07/2019 **Doctorate** (Dr. Phil.) in Educational Research (Summa Cum Laude),
Institute of Educational Research, Ruhr-University Bochum, Germany
Dissertation: "Failing just as Scientists Do? The Effectiveness of Productive
Failure for Learning in an Out-of-School Lab for Social Sciences"
Advisors: Prof. Dr. Nikol Rummel and Prof. Dr. Joachim Wirth
- 03/2015 **Master of Arts** in Educational Research and Art History,
Ruhr-University Bochum, Germany
- 09/2012 **Bachelor of Arts** in Educational Research and Art History,
Ruhr-University Bochum, Germany

Academic Positions & Professional Experience

- From 03/2025 onwards **Postdoctoral Researcher** in the Educational Psychology and
Technology Research Group, Institute of Educational Research, Ruhr-
University Bochum, Germany
- Since 03/2024 - 02/2025 **Interim Professor** for Educational Psychology and Technology,
Institute of Educational Research, Ruhr-University Bochum, Germany
- 04/2023 - 05/2023 **Research stay** at the Department of Communication and Internet
Studies (Prof. Dr. Eleni Kyza), Cyprus University of Technology,
Limassol, Cyprus
- 10/2021 - 03/2023 **Member in the Global Young Faculty VII** after nomination by the
rectorate of the Ruhr-University Bochum and subsequent selection by
the Mercator Research Center Ruhr
- 07/2020 - 04/2021 **Maternity and parental leave**
- 10/2019 - 11/2019 **Research stay** at the Educational Psychology Department (Prof. Dr.
David Williamson Shaffer), University of Wisconsin-Madison,
Madison (WI), USA
- Since 08/2019 **Postdoctoral Researcher** in the Educational Psychology and
Technology Research Group, Institute of Educational Research, Ruhr-
University Bochum, Germany
- 11/2018 - 07/2019 **Research Scientist** in the Educational Psychology and Technology
Research Group, Institute of Educational Research, Ruhr-University
Bochum, Germany
- 09/2018 - 10/2018 **Research stay** at the Educational Psychology Department (Prof. Dr.
Martina Rau & Prof. Dr. David Williamson Shaffer), University of
Wisconsin-Madison, Madison (WI), USA

10/2016 - 04/2017	Research stay (Fulbright Scholar) at the Department for Learning Sciences and Human Development (Prof. Dr. Philip Bell), University of Washington, Seattle, USA
11/2015 - 10/2018	Ph.D. Scholar in the interdisciplinary graduate program “science education in out-of-school labs”, Ruhr-University Bochum
03/2013 - 10/2015	Social Worker at a migration counseling center, Diakonie Mark-Ruhr gGmbH, Hagen, Germany

Scholarships

11/2015 - 10/2018	Ph.D. Scholarship by the Graduate School of Educational Studies (GSoES), Ruhr-University Bochum, Germany
10/2016 - 04/2017	Fulbright Scholarship for a six-month research stay at the University of Washington, Seattle, USA

Awards

2024	Early Career Workshop Awardee , International Society of the Learning Sciences (ISLS)
03/2020	5x5000 e-learning Award by the Ruhr-University Bochum for the development of an innovative e-learning concept in higher education (together with Berke Küçük and Nikol Rummel, Role: First Author)
08/2016	5x5000 e-learning Award by the Ruhr-University Bochum for the development of an innovative e-learning concept in higher education (together with Claudia Mazziotti, Gina Krüger, and Nikol Rummel; Role: Second Author)
11/2015	Student Prize by the Ruhr-University Bochum for best master’s thesis within the Institute of Educational Research

Grants

2022	DFG (German Research Foundation) , Project “Investigating and assessing student beliefs about scientists within the social sciences and humanities” (Duration: 24 months, Role: PI, (“own position”, Project Number: 497500402, amount: 193.637€)
2022	Center of Educational Studies (CoES) , Ruhr University Bochum (funding for a publication costs; amount: 400€)
2021	Global Young Faculty VII , Mercator Research Center Ruhr in Essen, Germany (promotion of young academics/internationalization budget; amount: 2500€)
2019	Center of Educational Studies (CoES) , Ruhr-University Bochum (funding for a research stay; amount: 846€)
2019	Int.Mo.P. (International Mobility Programme for Postdocs) , Research School PLUS, Ruhr-University Bochum (funding for conference participation; amount: 1872€)

2018

PR.INT. (Project International), Research School PLUS, Ruhr-University Bochum (funding for a research stay; amount: 3877€)

Membership in Professional Organizations

Since 2021:	Deutsche Gesellschaft für Psychologie (DGPs) [German Psychological Society] SIG Educational Psychology
Since 2018:	International Society of the Learning Sciences (ISLS)
Since 2017:	European Association for Research on Learning and Instruction (EARLI) SIG 06: Instructional Design (since 2022) SIG 20: Inquiry Learning (since 2022)

Academic Service

Reviewer for journals:	Cogent Education, International Journal of Computer-Supported Collaborative Learning; Learning and Instruction; Instructional Science; Computers and Education; Unterrichtswissenschaft
Reviewer for conferences:	Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), International Conference of the Learning Sciences (ICLS), Conference of the Gesellschaft für empirische Bildungsforschung (GEBF) [German Society for Empirical Educational Research], EARLI SIG 20 & 26 (Joint Conference of the EARLI SIG 20 “Inquiry Learning” and SIG 26 “Argumentation, Dialogue, and Reasoning”), International Conference on Quantitative Ethnography (ICQE)
Reviewer for funding organizations:	German-American Fulbright Commission Fellowship Program of the Center for Advanced Internet Studies Research School PLUS of the Ruhr-University Bochum

Since 11/2023	Member of the Executive Board of the Research School at Ruhr University Bochum
09/2023 - 01/2024	Member of an evaluation committee of a tenure track professorship at the Institute of Educational Research, Ruhr University Bochum
02/2023 - 04/2024	Member of the Publications Committee of the International Society of the Learning Sciences (ISLS)
01/2023 - 10/2023	Member of the Program Committee of the Fifth International Conference on Quantitative Ethnography (ICQE23)
01/2022 - 08/2023	JURE Coordinator of the EARLI SIG 20 (Inquiry Learning)
10/2021 - 03/2023	Speaker of the working group “applied science communication” of the Global Young Faculty VII
11/2015 - 05/2017	Student government Representative for Ph.D. students of the Graduate School of Educational Studies (GSoES), Ruhr-University Bochum, Germany

Teaching

Summer term 2024	<i>Learn- und Entwicklungstheorien</i> [Theories on Learning and Development], B.A. Lecture, Institute of Educational Research, Ruhr-University Bochum
Summer term 2024	<i>Lernen und Problemlösen</i> [Learning and Problem Solving], M.A. Course, Institute of Educational Research, Ruhr-University Bochum
Summer terms 2024, 2022, 2020	<i>Individuelles Lernen und Problemlösen</i> [Individual Learning and Problem Solving], M.A. Course, Institute of Educational Research, Ruhr-University Bochum
Winter term 2021/2022 Summer term 2021, Summer term 2020, Winter term 2019/2020, Summer term 2019	<i>Psychologische Lern- und Entwicklungstheorien im Überblick</i> [Psychological Theories on Learning and Development: An Overview], B.A. Course, Institute of Educational Research, Ruhr-University Bochum
Winter term 2021/2022 Summer term 2021, Summer term 2019	<i>Einführung in die Techniken wissenschaftlichen Arbeitens</i> [Introduction to Techniques of Scientific Work), B.A. Course, Institute of Educational Research, Ruhr-University Bochum
Summer term 2024, Winter term 2018/2019, Summer term 2018, Winter term 2017/2018, Summer term 2017	<i>Anwendungsfelder der klassischen Lerntheorien</i> [Applications of the Classical Learning Theories], B.A. Course, Institute of Educational Research, Ruhr-University Bochum
Since 2018	Supervision or co-supervision of numerous theses in the Bachelor of Arts (n = 6), Master of Arts (n = 6), and Master of Education (n = 4) study program of the Institute of Educational Research, Ruhr University Bochum