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

Since 03/2025	**Postdoctoral Researcher** in the Educational Psychology and Technology Research Group, Institute of Educational Research, Ruhr-University Bochum, Germany
Since 10/2024	**Member of the PostdocLab** "AICOS" (Artificially Intelligent Communication of Science), College for Social Science and Humanities, University Alliance Ruhr, Research Alliance, Essen, 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 Kücük 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

External funding

2024	**PostdocLab**, College for Social Sciences and Humanities, University Alliance Ruhr, Research Alliance, Project "Artifically Intelligent Communication of Science (AICOS)", (Duration: 18 months, amount: 11.500€)
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€)

2021	**Global Young Faculty VII**, Mercator Research Center Ruhr in Essen, (promotion of young academics/internationalization budget; amount: 2500€)

Intramural funding

2024	**Center of Educational Studies (CoES)**, Ruhr University Bochum (funding for preparing a DFG project proposal; amount: 2500€)
2022	**Center of Educational Studies (CoES)**, Ruhr University Bochum (funding for publication costs; amount: 400€)
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:	Learning and Instruction; Instructional Science; Frontline Learning Research; European Journal of Psychology of Education; International Journal of Computer-Supported Collaborative Learning; Computers and Education; Contemporary Educational Psychology
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

Winter term 24/25, Summer term 2024	*Learn- und Entwicklungstheorien* [Theories on Learning and Development], B.A. Lecture, Institute of Educational Research, Ruhr-University Bochum
Winter term 24/25, Summer term 2024	*Lernen und Problemlösen* [Learning and Problem Solving], M.A. Course, Institute of Educational Research, Ruhr-University Bochum
Summer terms 2024, 2022, 2020	*Individuelles Lernen und Problemlösen* [Individual Learning and Problem Solving], M.A. Course, Institute of Educational Research, Ruhr-University Bochum
Winter term 24/25	*Kooperatives Lernen und Problemlösen* [Collaborative Learning and Problem Solving], M.A. Course
Winter terms 25/26, 24/25, Summer term 25	*Authentizität in Lehr- und Lernsettings* [Authenticity in learning and teaching settings], B.A. Course
Winter terms 25/26, 21/22, 19/20, Summer terms 25, 21, 20, 19	*Psychologische Lern- und Entwicklungstheorien im Überblick* [Psychological Theories on Learning and Development: An Overview], B.A. Course, Institute of Educational Research, Ruhr-University Bochum
Winter term 2021/2022 Summer terms 21, 19	*Einführung in die Techniken wissenschaftlichen Arbeitens* [Introduction to Techniques of Scientific Work), B.A. Course, Institute of Educational Research, Ruhr-University Bochum
Summer terms 24, 18, 17, Winter terms 18/19, 17/18	*Anwendungsfelder der klassischen Lerntheorien* [Applications of the Classical Learning Theories], B.A. Course, Institute of Educational Research, Ruhr-University Bochum

Since 2019	Informal co-supervision of two doctoral students (2019-2023: Dr. Ramona Hagenkötter, Mathematics Education at Ruhr University Bochum; since 2025: Constanze Rimbach, Educational Technologies and Artificial Intelligence, Center for Advanced Internet Studies)
Since 2018	Supervision or co-supervision of numerous empirical theses in the Bachelor of Arts (n = 7), Master of Arts (n = 8), and Master of Education (n = 6) study program of the Institute of Educational Research, Ruhr University Bochum