

Curriculum Vitae

Nikol Elisabeth Rummel

Professor of Educational Psychology and Technology (W3) (on leave 2022-2027)
Faculty of Philosophy and Educational Research
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Research Professor
Program "Educational Technologies and Artificial Intelligence"
Center for Advanced Internet Studies (CAIS) GmbH
Konrad-Zuse-Straße 2a
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Female, born 11.04.1973, Kenzingen, Germany
German Nationality
1 child (Carl Rummel, 19.05.2011)

Appointments

06/2022	05/2027	Research Professor (Educational Technologies and Artificial Intelligence), Center for Advanced Internet Studies (CAIS), Bochum, Germany
08/2021	present	Professor W3 (Educational Psychology and Technology), Institute of Educational Research, Ruhr-Universität Bochum, Germany
08/2014	07/2021	Professor W3 (Educational Psychology), Institute of Educational Research, Ruhr-Universität Bochum, Germany
04/2010	07/2014	Professor W2 (Educational Psychology), Institute of Educational Research, Ruhr-Universität Bochum, Germany
03/2008	present	Adjunct Professor, Human Computer Interaction Institute, Carnegie Mellon University, Pittsburgh, USA

Academic Degrees

02/2010	Habilitation (with <i>venia legendi</i> for Psychology), Institute of Psychology, University of Freiburg, Germany
05/2004	Ph.D. in Psychology (<i>summa cum laude</i>), Institute of Psychology, University of Freiburg, Germany Dissertation: "Improving Computer-Mediated Collaboration: Development and Empirical Evaluation of Two Instructional Support Methods" Advisor: Prof. Dr. Hans Spada
09/2002	Diploma in Psychology (1.0, with distinction), Institute of Psychology, University of Freiburg, Germany

08/2000 M.S. in Educational Psychology – Cognitive Science applied to Education,
Department of Educational Psychology, University of Wisconsin, Madison
Advisors: Professor Joel R. Levin, Professor Sharon J. Derry

Academic Education and Career

10/2004	03/2010	Senior research scientist (C1), Institute of Psychology, University of Freiburg, Germany (at chair of Prof. Dr. Hans Spada)
10/2005	03/2006	Visiting research faculty, Human Computer Interaction Institute, Carnegie Mellon University, Pittsburgh, USA
07/2001	06/2004	Participation in the German-American Exchange Program on "Technologies in Education", co-funded by the DFG [German Research Foundation] and NSF (National Science Foundation): Workshops held at the Knowledge Media Research Center in Tübingen (November 2001 and 2003), at the University of South Florida in Tampa (May 2002), and at the Stanford Center for Innovations in Learning, Stanford University (June 2004) Research stays at the University of California Santa Barbara, Stanford University, Carnegie Mellon University, Penn State University (all 2004)
09/2000	09/2004	Research Scientist (BAT 2a), University of Freiburg, Germany, in the project "Computer-Mediated Collaboration on the Basis of Complementary Expertise: Analysis and Support" (PIs: Prof. Dr. Hans Spada, Prof. Dr. Franz Caspar), funded by the DFG [German Research Foundation] in the Special Priority Program (SPP1081) „Net-Based Knowledge Communication in Groups"
05/2000	08/2000	Completing Master's program at the Department of Educational Psychology, University of Wisconsin-Madison, USA
10/1999	05/2000	Student Research Assistant with Professor Hans Spada in the Research Group on Cognitive Systems, Institute of Psychology, University of Freiburg, Germany
08/1999	09/1999	Internship at the Max-Planck-Institute for Human Development with Professor Elsbeth Stern in the ENTERPRISE project (Enhancing Knowledge Transfer and Efficient Reasoning by Practicing Representation in Science Education)
08/1998	07/1999	Student in the Master's program at the Department of Educational Psychology (focus area: Cognitive Science applied to Education), University of Wisconsin-Madison, USA (<i>Fulbright Scholarship</i>)
10/1995	09/2002	Student of Psychology, Institute of Psychology, University of Freiburg, Germany (interrupted for stay in the USA: 08/1998 – 07/1999 and 05/2000 – 08/2000)
10/1993	07/1995	Teacher training in German, English as a second language, and Fine Arts for Realschule [secondary school] at the Pädagogische Hochschule [University of Education], Freiburg

Scholarships

01/2020	06/2021	Tandem-Lehrfellowship „Online gestütztes Problembasiertes Lernen mit strukturierter Gruppenarbeit im Kurs Maschinelles Lernen" Programmlinie Fellowships für Innovationen in der digitalen Hochschullehre des Ministeriums für Kultur und Wissenschaft des Landes Nordrhein-Westfalen und des Stifterverbandes
04/2006	12/2008	Elite Program for Postdocs of the Baden-Württemberg Stiftung

11/2000	10/2003	Scholarship of the Virtual PhD Program (VGK) “Knowledge Acquisition and Knowledge Exchange with New Media”, funded by the DFG [German Research Foundation]
08/1998	07/1999	Fulbright scholarship to attend the Master's Program at the Department of Educational Psychology, University of Wisconsin Madison, USA.

Awards

09/2025	Best Paper Award at Technology Enhanced Learning, EC-TEL 2025
06/2022	Best Design Paper Award at the International Conference on Computer-Supported Collaborative Learning 2022
04/2019	Fellow of the International Society of the Learning Sciences (ISLS)
10/2017	Lore Agnes Preis [award for gender equality measures] for founding the Women Professors Forum at Ruhr-Universität Bochum
05/2015	Best Interactive Event Award at the 17th International Conference on Artificial Intelligence in Education (AIED) in Madrid, Spain
10/2004	Eugen-Fink-Preis [outstanding dissertation award] of the Faculty of Economics and Behavioral Sciences at the University of Freiburg
05/2001	Nachwuchswissenschaftlerpreis [junior scientist award] of the SIG Educational Psychology of the Deutsche Gesellschaft für Psychologie (DGPs) [German Psychological Association] for Master's Thesis

Invited Talks and Keynotes

04/2026	Invited kenote at CIDER Spring Workshop 2026 at ZEW, Mannheim.
03/2026	Invited talk (with Sebastian Strauß) at OECD Digital Education Conference.
10/2025	Invited talk at Monash University, Melbourne, Australia.
09/2025	Invited keynote at AEPF, University Duisburg, Essen.
06/2025	Invited talk at The future of feedback symposium at Marbach Castle, IPN Leibniz-Institut für die Pädagogik der Naturwissenschaften und Mathematik, Jacobs Foundation, Marbach, Germany.
05/2025	Invited talk at CAIS Colloquium, Bochum, Germany.
05/2025	Invited talk at Smart Data & Digital Technology in Education project meeting, hosted by the OECD Centre for Educational Research & Innovation (CERI), Paris, France.
05/2025	Invited talk at MNU-Bundeskongress 2025, Bochum, Germany.
04/2025	Invited talk at Lecture organised by the HEDWORK research group and the project TeamLearn - University of Oslo, Oslo, Norway.
09/2024	Invited talk at Fachtagung KI Bildung und Künstliche Intelligenz 2024, Zentrum für Schulqualität und Lehrerbildung Baden-Württemberg, Germany.
11/2024	Invited keynote at BI.teach – Tag für die Lehre 2024, Bielefeld, Germany
09/2024	Invited talk at the Fachtagung KI Bildung und Künstliche Intelligenz 2024, Zentrum für Schulqualität und Lehrerbildung Baden-Württemberg, Esslingen, Germany
09/2024	Invited speaker at AI24 The Lamarr Conference, Dortmund, Germany
09/2024	Invited keynote at EARLI SIG 16 Conference on Metacognition and Self-Regulated Learning, Heidelberg, Germany
05/2024	Invited talk at the Center of Interdisciplinary Research on Digital Education, Pädagogische Hochschule, Freiburg, Germany.

- 05/2024 Invited talk at the Akademie für Wissenschaft, Wirtschaft und Technik an der Universität Ulm, Ulm, Germany.
- 02/2024 Invited speaker at OECD Online Webinar "Decoding the hype: Can AI help create accessible and inclusive student learning?" , Online
- 06/2023 Invited plenary keynote at ISLS 2023 Annual Meeting, Toronto, Canada
- 05/2023 Invited speaker at 2023 Jacobs Foundation Conference, Cascais, Portugal
- 05/2023 Invited talk at the Center of Advanced Technology for Assisted Learning and Predictive Analytics, FernUniversität Hagen, Germany
- 05/2023 Invited talk at the "Fachtagung digital gestütztes Lehren und Lernen im Fachunterricht – Wissenschaft und Praxis im Dialog", University of Education, Freiburg, Germany
- 03/2023 Invited talk at the „Zukunftsforum Weiterbildung - Bildungstechnologien und künstliche Intelligenz“, Qualitäts- und UnterstützungsAgentur – Landesinstitut für Schule NRW (QUA-LiS NRW) – held as online event
- 05/2022 Invited keynote at GenZ Talks seminar, University of Oulu, Finland
- 10/2021 Invited talk at the Latsis Symposium 2021 STEM: Boosting hidden potentials, Eidgenössische Technische Hochschule (ETH) Zürich, Schweiz
- 01/2021 Invited keynote at the PULSE (Partnerships to Upscale the Learning Sciences in Europe) Symposium, University of Twente, NL – held as online event
- 08/2019 Invited keynote at the 18th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Aachen, Germany
- 11/2018 Invited plenary keynote at the Teaching for Active Learning (TAL) 2018 Conference, University of Southern Denmark (Odense)
- 03/2018 Invited talk at the BrainCafé of the DFG Collaborative Research Centre 874 (Integration and Representation of Sensory Processes)
- 11/2017 Invited talk at the UCL Knowledge Lab of the University College London, UK
- 04/2017 Invited plenary keynote at the 9th International Conference on Computer Supported Education (CSEDU 2017), Oporto, Portugal
- 11/2016 *Invited plenary keynote* at the International Conference of Computers in Education, Indian Institute of Technology (IIT) Bombay, Mumbai, India
- 09/2016 Invited talk at the Workshop Learning Analytics at the DeLFI Conference (Annual Conference of the SIG E-Learning of the German Informatics Society)
- 04/2014 Invited talk at the Learning Sciences Lab at the National Institute of Education at Nanyang Technological University, Singapore
- 02/2010 Invited talk at the National Institute of Education at Nanyang Technological University, Singapore
- 11/2009 Invited plenary keynote at the "Alpine Rendezvous" Conference of the EU Network of Excellence (NoE) STELLAR, Garmisch-Patenkirchen, Germany
- 03/2004 Invited talk Pennsylvania State University, USA
- 03/2004 Invited talk Human Computer Interaction Institute, Carnegie Mellon University, Pittsburgh, USA

Membership in Professional Organizations

- since 2021 Society of Learning Analytics Research (SoLAR)
- since 2006 European Association for Research on Learning and Instruction (EARLI)
SIG 7: Technology-Enhanced Learning and Instruction
SIG 6: Instructional Design

since 2004	International Society of the Learning Sciences (ISLS)
since 2004	Deutsche Gesellschaft für Psychologie (DGPs) [German Psychological Association] SIG Educational Psychology SIG Media Psychology

Contributions to the Scientific Community

Selected service in scientific advisory boards

- Appointed member of the working group societal and individual effects of AI systems of the German Psychological Association (DGPs), 2025-2026
- Member of the Task Force “Künstliche Intelligenz im Bildungswesen“ of Landes Nordrhein-Westfalen, 9/2023-7/2024
- Advisory Board member of the Hybrid Intelligence: Human-AI Co-evolution and Learning in Multi-realities (HI) research programme at the University of Oulu, FI, since 09/2023
- Advisory Board member of the *Digital Vocational Education & Training (D-VET) Hub* at EPFL, Lausanne, Switzerland, since 10/2020
- Member of the Management Board of the DFG-funded Cluster of Excellence CASA (Cyber Security in the Age of Large-Scale Adversaries) and chairwoman of the Equal Opportunity Board, 10/2019-09/2021
- Member of the Executive Board of the Center for Mind and Cognition at Ruhr-Universität Bochum, since 2018
- Member of the Senate Competition Committee (SAW) of the Leibniz-Gemeinschaft, 07/2017-12/2021
- Advisory Board member Center of Advanced Internet Studies (CAIS), 5/2017-
- Advisory Board member Teilprojekt “Toolbox Lehrerbildung” der Qualitätsoffensive Lehrerbildung at the Technical University München, since 10/2016.
- Chairwomen of the Advisory Board of the Leibniz-WissenschaftsCampus “Kognitive Schnittstellen”, Tübingen, 2017-2020
- Member of the Steering Committee of the Horst Görtz Institute for IT Security (HGI) at Ruhr-Universität Bochum, 2017-2019
- Member of the Steering Committee of the Center for Mind, Brain and Cognitive Evolution at Ruhr-Universität Bochum, 2015-2018
- Advisory Board member project “Improving collaborative learning in engineering classes through integrated tools for instructors and students”, NSF Cyberlearning and Future Learning Technologies program (Prof. Emma Mercier, College of Education, University of Illinois, Urbana-Champaign), 2016-2019
- Advisory Board member project “Continuous Learning and Assessment of Students in Science” (CLASS), NSF Discovery Research K-12 program (Prof. Marcia Linn, Graduate School of Education, University of California, Berkeley), 2011-2016

Selected activities in scientific organizations

- President of the International Society of the Learning Sciences (ISLS, 7/2016-6/2017)
- Member of the Board of Directors of the International Society of the Learning Sciences (ISLS, 2013-2019)
- Chair of SIG 6 (Instructional Design) of the European Association for Research on Learning and Instruction (EARLI, 8/2011-8/2015)
- Chair of the CSCL Committee of the International Society of the Learning Sciences (ISLS, 09/2010-06/2015)

Editorial work and reviewing

- Associate Editor International Journal of Computer-Supported Collaborative Learning (ijCSCL), since 2020
- Associate Editor Instructional Science, (2018-2024)
- Associate Editor: Journal of the Learning Sciences (JLS, 2010-2016)
- Editorial board member: International Journal of Artificial Intelligence in Education (IJAIED), International Journal of Computer-Supported Collaborative Learning (IJCSCL), Learning and Instruction (JLI)
- Ad-hoc reviewer for further journals: Cognition and Instruction, Computers and Education, Computers in Human Behavior, Educational Psychology Review, Instructional Science, Journal of Educational Psychology, IEEE Transactions on Learning Technologies
- Ad-hoc reviewer for conferences: Annual Conference of the American Educational Research Association (AERA), Conference of the European Association for Research on Learning and Instruction (EARLI), European Conference on Technology Enhanced Learning (EC-TEL), International Conference on Computer Support for Collaborative Learning (CSCL), International Conference of the Learning Sciences (ICLS)
- Reviewer for funding organizations: Deutsche Forschungsgemeinschaft (DFG); German-Israeli Foundation (GIF); Leibniz-Gemeinschaft; Schweizer Nationalfond (SNF); National Science Foundation, USA (NSF); Netherlands Organisation for Scientific Research (NWO); Netherlands Organisation for Health Research and Development (ZonMw)

Selected activities in the organization of conferences and workshops

- Doctoral Symposium Chair, European Conference on Technology-Enhanced Learning (EC-TEL) 2026, Valencia, Spain.
- Co-Organizer, DGPs conference, Humans – AI – Psychology: Designing Human-Centered Artificial Intelligence 2026, Berlin, Germany.
- Program Co-Chair, European Conference on Technology-Enhanced Learning (EC-TEL) 2024, Krems, Austria.
- Program Co-Chair, International Conference on Computer Supported Education (CSEDU) 2022, online conference due to COVID-19 regulations
- Main Conference Chair, International Society of the Learning Sciences (ISLS) Annual Meeting 2021, Ruhr-Universität Bochum (online conference due to COVID-19 regulations).
- Program committee co-chair European Association for Research on Learning and Instruction (EARLI) SIG 6/7 meeting 2014, Erasmus University Rotterdam, NL
- Program committee co-chair International Conference on Computer Supported Collaborative Learning (CSCL) 2013, University of Wisconsin – Madison, USA
- Program committee member: International Conference on Computer Supported Collaborative Learning (CSCL) 2011, University of Hongkong; International Conference on Computers in Education (ICCE) 2012, Singapore, and 2013, Bali, Indonesia
- Workshop Committee Co-chair: International Conference of the Learning Sciences (ICLS) 2012, University of Sydney, Australia; European Conference on Technology Enhanced Learning (EC-TEL) 2009; International Conference of the Learning Sciences (ICLS) 2008, Utrecht, NL
- Mentoring: Mentor for the Doctoral Workshop of the SIG Media Psychology of the DGPs, TU Dresden (September 2007); Mentor for Doctoral Workshop at the Alpine Rendezvous of the EU Network of Excellence STELLAR (Dec 2009); Mentor for the Doctoral Workshop at the ICLS 2018 (June 2018); Mentor for the Early Career Workshops at CSCL Conference 2007, ICLS Conference 2014, ICLS Conference 2016 (chair)

Academic Service

Academic and Administrative Responsibilities

since	06/2022	Erasmus coordinator of the Institute of Educational Research at the Ruhr-Universität Bochum
since	06/2022	Internationalization Commissioner of the Faculty of Philosophy and Educational Research
since	09/2018	Module representative and coordinator for the module Empirical Research in the Teaching Profession at the Institute of Educational Research at the Ruhr-Universität Bochum
since	10/2017	Elected member of the University Senate (Senat) of the Ruhr-Universität Bochum
since	11/2015	Member of the Steering Committee of the Center for Mind, Brain and Cognitive Evolution at Ruhr-Universität Bochum
since	10/2015	Executive Board member of the Women Professors Forum at Ruhr-Universität Bochum (Co-Chair 2019-2024)
since	10/2014	Elected member of the Commission for Research and Knowledge Transfer (UKFW) of the Ruhr-Universität Bochum
since	10/2010	Involvement in developing the Center for Educational Studies of the Professional School of Education at the Ruhr-Universität Bochum
since	10/2010	Involvement in the redesign of the Master degree program Educational Science at the Ruhr-Universität Bochum
since	04/2010	Module representative and coordinator for the module GM2 Learning and Development in the Bachelor degree program Educational Science
01/2025	05/2026	Involvement in the Ruhr-Universität Bochum's application to the Excellence Strategy of the German Federal and State Governments
10/2014	06/2022	Elected member of the Faculty Council of the Faculty of Philosophy and Educational Research
10/2016	09/2018	Involvement in the Ruhr-Universität Bochum's application to the Excellence Strategy of the German Federal and State Governments
06/2017	07/2017	Involvement in the application of the Ruhr-Universität Bochum for founding a Max Planck Institute for Cybersecurity und Privacy
05/2010	03/2012	Involvement in the Ruhr-Universität Bochum's application within the Excellence Initiative of the German Federal and State Governments and participation in presenting the concept within the assessment process.
06/2010	07/2011	Involvement in adapting the Educational Science modules within the Master of Education program (=teacher training degree) at RUB to the new Federal teacher training act in NRW
10/2010	10/2012	Involvement in the re-accreditation of the master's and bachelor's degree program Educational Science at RUB
07/2006	04/2009	Elected representative of non-professorial teaching staff (Mittelbau) on the faculty board of the Faculty of Economics and Behavioral Sciences (University of Freiburg)
04/2006	04/2008	Non-professorial teaching staff (Mittelbau) spokesperson for the Institute of Psychology (University of Freiburg)

02/2005	10/2006	Academic advisor for psychology majors and minors (University of Freiburg)
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Search and Evaluation Committees

Since 2026	Elected member of the Search Committee TUDO „AI in Higher Education“
Since 2026	Elected member of the Search Committee RC trust/RUB: „Human-centred Security“
Since 2025	Elected member of the Search Committee Digital Transformation in Work and Society
2025	Elected member of the Search Committee for the Prorektor for Planning and Structure
2024	Elected member of the Search Committee for the Appointment of a New Chancellor
2022/23	Member of the search committee for research professorship “Design of Trustworthy AI” (Jülicher Professur) at CAIS and the University of Wuppertal
2022/23	Member of the search committee for professorship “Research on Learning and Instruction” at D-GEISS, ETH Zurich
2022/23	Member of the search committee for W3 professorship “Human Understanding of Machines and Algorithms” at the Faculty of Engineering, Department of Computer Science and Applied Cognitive Science, University of Duisburg-Essen as part of the Research Alliance Ruhr, the Research Center Trustworthy Data Science and Security (RC Trust)
2022	Member of the Evaluation Committee of the Center for Learning Sciences (LEARN) at EPFL, Lausanne, Switzerland
2022/23	Member of the search committee for Director (W3) “Computer Science” (Jülicher Professur) of the CAIS and the University of Bochum
2021/22	Member of the search committee for W1 tenure track professorship “Educational Psychology and Development across the Lifespan” at the Faculty of Psychology
2021/22	Member of the search committee for W2 professorship “Social Epistemology and Reasoning in Science”
2019/20	Member of tenure track evaluation committee for Jun.-Prof. Dr. Christian Strasser (“Logic in Philosophie and Artificial Intelligence”)
2018/19	Member of search committee for W1 tenure track professorship “Ethics of Digital Methods and Technologies”
2018/19	Member of search committee for W1 tenure track professorship “Philosophy of Information and Communication”
2018/19	Head of search committee for W1 tenure track professorship “Educational Data Science”
2017/18	Member of search committee for W3 professorship “Developmental Psychology” at the Faculty of Psychology
2016/17	Head of search committee for W2 professorship “Life Long Learning in Nonformal and Informal Settings”
2015/16	Head of tenure track evaluation committee for Jun.-Prof. Dr. Grit im Brahm (“Empirical Educational Research and Instructional Design”)
2015/16	Member of search committee for W3 professorship “Competence Development and Competence Modeling”

2015/16	Member of search committee for W2 professorship "Social Spaces and Places/Environments of Non-formal and Informal Learning"
2015	Member of search committee for W2 professorship "Diagnostics and Design of Individual Support in Schools"
2013	Member of search committee for W3 professorship "Theories of Education and Educational Sciences"
2013	Member of tenure track evaluation committee for Jun.-Prof. Tobias Schlicht "Philosophy of Cognition and the Conscious"
2013	Member of awards committee for honorary doctorate of the Faculty of Philosophy and Educational Science to Prof. John Perry, Stanford University, USA
2012	Member of tenure track evaluation committee for Jun.-Prof. Dr. Grit im Brahm ("Empirical Educational Research and Instructional Design")
2010	Member of search committee for W2 professorship ("Theory of Instruction and Instructional Design")

Advising of Doctoral Students and Postdoctoral Mentoring

Current doctoral students (sorted by start date)

Co-Advisor: René Walendy, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, since fall 2024

Advisor: *Anna Radtke*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, since fall 2022

Advisor: *Isis Tunnigkeit*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, since fall 2022

Advisor: *Ann-Christin Falhs*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, since winter 2021

Co-Advisor: *Ramona Hagenkötter*, Fakultät für Mathematik, Didaktik der Mathematik, Ruhr-Universität Bochum, since fall 2019

Completed doctoral degrees (sorted by date of completion)

Advisor: *Sabine Schermeier*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, summer 2022 – spring 2026; currently: Research Associate, Center for Advanced Internet Studies (CAIS).

Advisor: *Katharina Teich*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, fall 2021 – winter 2026; currently: Program Manager, Akademie der Ruhr-Universität.

Advisor: *Arlind Avdullahu*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, spring 2021– fall 2025; currently: Requirements Engineer, ERGO Group AG.

Co-Advisor: Kexin Yang, Human-Computer Interaction Institute (HCII), CMU, Pittsburgh, USA, Fall 2019-Fall 2025

Advisor: *Charleen Brand*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, summer 2020 – summer 2025; currently: Postdoc at ETH Zürich.

Advisor: *Carina Wiesen*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, summer 2017 – fall 2021; currently: Senior Consultant, DEED Consulting GmbH.

Advisor: *Sebastian Strauß*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, fall 2016 – summer 2021; currently: Postdoc at my chair

Advisor: *Christian Hartmann*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, fall 2015 – summer 2020; currently: Postdoc at Technical University Munich (TUM)

Advisor: *Julia Erdmann*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, fall 2014 – summer 2020. Currently: Technische Universität Dortmund, Arbeitsstelle Kinder- und Jugendhilfestatistik

International Ph.D. committee member: *Kenneth Holstein*, Human-Computer Interaction Institute (HCII), CMU, Pittsburgh, USA; fall 2019. Currently: Assistant Professor, Human-Computer Interaction Institute (HCII), CMU.

Advisor: *Valentina Nachtigall*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, fall 2015 – summer 2019. Currently: Interim Professor, Pädagogische Psychologie und Bildungstechnologie, Ruhr-Universität Bochum

International Ph.D. committee member: *Alexandra Lazareva*, University of Agder, Norway, fall 2018. Currently: Associate Professor, University of Agder, Norway.

International Ph.D. committee member: *Kom Mun Siong*, National Institute of Education, Singapore; summer 2013 – winter 2017.

Co-Advisor: *Jennifer Olsen*¹, Human-Computer Interaction Institute (HCII), CMU, Pittsburgh, USA; fall 2012 – summer 2017. Currently: Assistant Professor of Computer Science at University of San Diego, USA.

Advisor: Dr. *Claudia Mazziotti*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, fall 2012 – summer 2017. Currently: Systemische Familientherapeutin, Lippstadt, Germany.

Advisor: Dr. *Alexandra Funk*, Institut für Erziehungswissenschaft, Ruhr-Universität Bochum, spring 2012 – spring 2016: Currently: S & F Personalpsychologie, Managementberatung GmbH, Stuttgart.

Co-Advisor: Dr. *Michael Wiedmann*², Promotionskolleg Pro|Mat|Nat (Pädagogische Professionalität in Mathematik und Naturwissenschaften), University of Freiburg, Germany; fall 2011 – spring 2015. Currently: Referent für Forschung und Forschungstransfer & Geschäftsführung KeBU, University of Education, Freiburg

Co-Advisor: Dr. *Christine Plesch*³, Institute of Psychology, University of Freiburg, Germany; fall 2010 - spring 2015. Currently: School psychologist, Land Baden-Württemberg

Co-Advisor: Dr. *Celia Kändler*⁴, Promotionskolleg Pro|Mat|Nat (Pädagogische Professionalität in Mathematik und Naturwissenschaften), University of Freiburg, Germany; fall 2011 – winter 2014; Currently: School psychologist, Land Baden-Württemberg

Advisor: Dr. *Katharina Loibl* (nee Westermann), Institut für Erziehungswissenschaft, Ruhr-Universität Bochum; spring 2010 – winter 2013; Currently: Full Professor, PH Freiburg

Co-Advisor: Dr. *Martina Rau*⁵, Human-Computer Interaction Institute (HCII), CMU, Pittsburgh, USA; fall 2008 - spring 2013. Currently: Full Professor, ETH Zurich, Switzerland

Co-Advisor: Dr. *Dejana Mullins* (nee Diziol)⁶, Institute of Psychology, University of Freiburg, Germany; fall 2006 - spring 2011. Currently: Deloitte Consulting GmbH, Hamburg, Germany

Co-Advisor: Dr. *Erin Walker*⁷, Human-Computer Interaction Institute (HCII), CMU, Pittsburgh, USA; fall 2004 - summer 2010. Currently: Associate Professor, School of Computing and

¹ Advisor: Prof. Aleven, Human Computer Interaction Institute, CMU, Pittsburgh, USA

² Advisor: Prof. Spada, Institut für Psychologie, Universität Freiburg

³ Advisor: Prof. Spada, Institut für Psychologie, Universität Freiburg

⁴ Advisor: Prof. Spada, Institut für Psychologie, Universität Freiburg

⁵ Advisor: Prof. Vincent Aleven, Human Computer Interaction Institute, CMU, Pittsburgh, USA

⁶ Advisor: Prof. Spada, Institut für Psychologie, Universität Freiburg

⁷ Advisor: Prof. Koedinger, Human Computer Interaction Institute, CMU, Pittsburgh, USA

Information and Research Scientist, Learning Research & Development Center, University of Pittsburgh, USA

Postdoctoral fellows (sorted by start date)

Dr. Alisa Maksimova, Center for Advanced Internet Studies (CAIS), since summer 2022

Dr. Sambit Praharaj, Center for Advanced Internet Studies (CAIS), 2022-2024

Dr. Anna Keune, 2021-2022

Dr. LuEttaMae Lawrence (at HCII, CMU) 2020-2022

Dr. Vanessa Echeverria (at HCII, CMU), 2019-2020

Dr. Valentina Nachtigall, since summer 2019

Dr. Leonie Schaewitz (nee Rösner), 2019-2021

Dr. Kenneth Holstein (at HCII, CMU), 2019-2020

Dr. Anouschka van Leeuwen, 2016-2018

Dr. Malte Elson, 2015-2018

Dr. Julia Eberle, 2015-2024

Dr. Michael Wiedmann, 2015-2016

Dr. Astrid Wichmann, 2010-2016