

## Curriculum vitae – Sebastian Strauß (PhD)

I am a researcher in educational psychology. My research mainly focuses on computer-supported collaborative learning (CSCL), that is, I am interested in learning in small groups and how we can use educational technology to support groups in their interaction. Also, I investigate how learners acquire collaboration skills and which types of collaboration support are the most effective to foster these skills.

Most recently, I became interested in settings where humans make use of adaptive (“intelligent”) systems such as advising teacher dashboards and under which circumstances humans “over-rely” on advice from such systems.

To answer my research questions, I mainly conduct experimental studies and use statistical approaches to analyze quantitative data such as questionnaire data but also behavior data (e.g., from videos or computer log-files).

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## Academic Positions & Working Experience

Starting 03/2025	<b>Interim Professor</b> for Educational Psychology and Technology Research Group, <i>Ruhr-University Bochum, Germany</i>
09/2023	<b>Visiting researcher</b> at the Learning and Educational Technology (LET) lab <i>Oulu, Finland</i>
Since 10/2022	<b>Associated Research-Scientist</b> at the Center for Advanced Internet Studies (CAIS) <i>Bochum, Germany</i>
Since 07/2021	<b>Postdoctoral Researcher</b> at the Educational Psychology and Technology Research Group, Prof. Dr. Nikol Rummel <i>Ruhr-University Bochum, Germany</i>
11/2016 – 07/2021	<b>Research Assistant and Ph.D. student</b> at the Educational Psychology Research Group, Prof. Dr. Nikol Rummel <i>Ruhr-University Bochum, Germany</i>
05/2016 – 11/2016	<b>Research Assistant</b> at the Continuing Vocational Training and Adult Education Research Group, Prof. Dr. Jürgen Wittpoth <i>Ruhr-University Bochum, Germany</i>
03/2015 – 07/2015	<b>Research Internship</b> at the Continuing Vocational Training and Adult Education Research Group, Prof. Dr. Jürgen Wittpoth <i>Ruhr-University Bochum, Germany</i>
04/2013 – 04/2016	<b>Student Research Assistant</b> at the Educational Psychology Research Group, <i>Ruhr-University Bochum, Germany</i>

## Academic Degrees & Formal Education

07/2021	<p><b>Doctorate</b> (Dr. phil.) in educational psychology (summa cum laude)</p> <p>Dissertation: <i>“Unfavorable interaction patterns during online collaboration: Does a combination of a social group awareness tool and explicit guidance help overcome unequal participation?”</i></p> <p>Advisors: Prof. Dr. Nikol Rummel &amp; Prof. Dr. Julian Roelle Institute of Educational Research Ruhr-University Bochum, Germany</p>
04/2014 – 04/2016	<p><b>Master of Arts</b> in Educational Research</p> <p>Master thesis: <i>“Wie nutzen Studierende die Lernressourcen in einem Online-seminar? Eine Logfile basierte Exploration des Lernverhaltens”</i> [How do students utilize learning materials in an online course? A logfile-based exploration of learning behavior] (Grade: 1,0)</p> <p>Advisors: Prof. Dr. Nikol Rummel &amp; Prof. Dr. Malte Elson Institute of Educational Research Ruhr-University Bochum, Germany</p>
04/2011 – 04/2014	<p><b>Bachelor of Arts</b> in Educational Research and Social Science</p> <p>Bachelor thesis <i>„Einsatz von backwards fading in ausgearbeiteten Lösungsbeispielen zur Verbesserung von absoluten Judgements-of-Learning“</i> [ Using backwards fading in worked-examples to improve absolute judgements of learning] (Grade: 1,0)</p> <p>Advisors: Prof. Dr. Nikol Rummel &amp; Dr. Astrid Wichmann Institute of Educational Research Ruhr-University Bochum, Germany</p>
08/2000 – 07/2009	<p><b>Abitur</b> Friedrich Schiller-Gymnasium [grammar school with A-levels] Preetz, Germany</p>

## Scholarships

09/2023	<p><b>Secondment grant (research stay)</b> of the network “Self-regulation for learning in digitized schools (SeReLiDiS)</p>
07/2019	<p><b>Doctoral Consortium</b> of the International Conference for Computer-Supported Collaborative Learning (CSCL, Lyon, France)</p>

## Academic Services & Contributions to the Scientific Community

Member in search committees	<p>2023 – 2024: Member of a search committee for the W2 professorship “Digitale Sozialwissenschaft” <i>Center for Advanced Internet Studies (CAIS), Bochum, Germany</i></p> <p>2015 – 2016: Student member of the search committee for the W3 professorship “Competence Development and Competence Modeling” <i>Ruhr-University Bochum, Germany</i></p>
Academic self-administration	<p>10/2023 – 02/2025: <b>Representative for the scientific personnel</b> of the Institute for Educational Research on the Faculty Board [Vertretung des Wissenschaftlichen Mittelbaus im Fakultätsrat der Fakultät für Philosophie und Erziehungswissenschaft] <i>Ruhr-University Bochum, Germany</i></p> <p>03/2023 – 02/2025: <b>Representative for post-doctoral researchers</b> in the Center for Educational Sciences (CoES)[Post-Doc Vertretung] <i>Ruhr-University Bochum, German</i></p> <p>2021 – 02/2025: <b>Member of the teaching evaluation committee</b> Faculty for Philosophy and Educational Sciences <i>Ruhr-University Bochum, Germany</i></p> <p>04/2014 – 04/2016: <b>Member of the students’ council</b> for the students of educational research [Fachschaftsrat Erziehungswissenschaft] <i>Ruhr-University Bochum, Germany</i></p>
Reviewer for Scientific Journals	<ul style="list-style-type: none"> <li>– British Journal of Educational Technology (BJET)</li> <li>– Computers &amp; Education</li> <li>– Educational Psychology Review</li> <li>– Educational Technology in Higher Education (ETHE)</li> <li>– Information and Learning Science</li> <li>– International Journal of Computer-Supported Collaborative Learning (ijCSCL)</li> <li>– International Journal of Human-Computer Studies</li> <li>– International Journal of the Learning Sciences (JLS)</li> <li>– Technology, Knowledge and Learning (TKNL)</li> </ul>
Reviewer and meta-reviewer for Conferences	<ul style="list-style-type: none"> <li>– Conferences of the International Society of the Learning Sciences (CSCL, ISLS, ISLS Annual Meeting)</li> <li>– Conferences of the European Association for Research on Learning and Instruction (EARLI) (EARLI, JURE, EARLI SIG 6/7)</li> </ul>

## Memberships in Professional Organizations

Since 2023	European Association for Research on Learning and Instruction (EARLI) Special interest group Technology-Enhanced Learning and Instruction (SIG 07)
Since 2021	Society for Learning Analytics Research (SoLAR)
Since 2018	International Society of the Learning Sciences (ISLS)

