

Sebastian Strauß (PhD)

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Academic Positions & Working Experience

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

Academic Degrees & Formal Education

07/2021	Doctorate (Dr. phil.) in educational psychology (summa cum laude) 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> ” Advisors: Prof. Dr. Nikol Rummel & Prof. Dr. Julian Roelle Institute of Educational Research <i>Ruhr-University Bochum, Germany</i>
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04/2014 – 04/2016 **Master of Arts** in Educational Research

Master thesis: *“Wie nutzen Studierende die Lernressourcen in einem Online-seminar? Eine Logfile basierte Exploration des Lernverhaltens”* [How do students utilize learning materials in an online course? A logfile-based exploration of learning behavior] (Grade: 1,0)

Advisors: Prof. Dr. Nikol Rummel & Prof. Dr. Malte Elson
Institute of Educational Research
Ruhr-University Bochum, Germany

04/2011 – 04/2014 **Bachelor of Arts** in Educational Research and Social Science

Bachelor thesis *„Einsatz von backwards fading in ausgearbeiteten Lösungsbeispielen zur Verbesserung von absoluten Judgements-of-Learning“* [Using backwards fading in worked-examples to improve absolute judgements of learning] (Grade: 1,0)

Advisors: Prof. Dr. Nikol Rummel & Dr. Astrid Wichmann
Institute of Educational Research
Ruhr-University Bochum, Germany

08/2000 – 07/2009

Abitur

Friedrich Schiller-Gymnasium [grammar school with A-levels]
Pretz, Germany

Scholarships

09/2023

Secondment grant (research stay) of the network “Self-regulation for learning in digitized schools (SeReLiDiS)

07/2019

Doctoral Consortium of the International Conference for Computer-Supported Collaborative Learning (CSCL, Lyon, France)

Academic Services & Contributions to the Scientific Community

Member in search committees

Since 2023: Member of a search committee for the W2 professorship “Digitale Sozialwissenschaft“
Center for Advanced Internet Studies (CAIS), Bochum, Germany

2015 – 2016: Student member of the search committee for the W3 professorship "Competence Development and Competence Modeling"
Ruhr-University Bochum, Germany

Academic self-administration

Since 10/2023: **Representative for the scientific personnel** of the Institute for Educational Research on the Faculty Board [Vertretung des Wissenschaftlichen Mittelbaus im Fakultätsrat der Fakultät für Philosophie und Erziehungswissenschaft]
Ruhr-University Bochum, Germany

Since 03/2023: **Representative for post-doctoral researchers** in the Center for Educational Sciences (CoES)[Post-Doc Vertretung]
Ruhr-University Bochum, German

Since 2021: **Member of the teaching evaluation committee**
Faculty for Philosophy and Educational Sciences
Ruhr-University Bochum, Germany

04/2014 – 04/2016: **Member of the students' council** for the students of educational research [Fachschaftsrat Erziehungswissenschaft]
Ruhr-University Bochum, Germany

Reviewer for Scientific Journals	<ul style="list-style-type: none">– British Journal of Educational Technology (BJET)– Computers & Education– Information and Learning Science– International Journal of Computer-Supported Collaborative Learning (ijCSCL)
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Reviewer for Conferences	Conferences of the International Society of the Learning Sciences (CSCL, ISLS, ISLS Annual Meeting)
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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)

Teaching & Workshops

Winter term 2016/2017	“Anwendungsfelder der klassischen Lerntheorien“ [Applications of classical theories of learning], B.A. course, Institute for Educational Research, <i>Ruhr-University Bochum, Germany</i>
Summer terms since 2018	“Lernen & Computer“, Jungen-Zukunftstag, Boys' Day. Workshop [Career orientation workshop for boys “Learning & Computers”], <i>Ruhr-University Bochum, Germany</i>
Summer term 2017	“Lernen und Problemlösen“ [Learning and problem solving], M.A. course, Institute for Educational Research, <i>Ruhr-University Bochum, Germany</i>

- Winter term 2020/2021 “Machine Learning: Unsupervised Methods”
M.A. course, Institut für Neuroinformatik,
Ruhr-University Bochum, Germany
- (as part of a Tandem-Fellowship für Innovationen in der digitalen Hochschullehre, funded by the Stifterverband)*
- Winter term 2019/2020 “Psychologische Grundlagen computervermittelter Kommunikation: Lernen
Winter term 2018/2019 und Arbeiten in kooperativen Settings“ [Psychological foundations of computer-mediated communication: Learning and working in collaborative settings]
B.A., M.A., M.Ed. online course,
University of Duisburg-Essen, Germany
Ruhr-University Bochum, Germany
- Summer term 2022 “Ursachen und Auswirkungen von Beurteilungsfehlern in der Schule“
Winter term 2021/2022 [Sources and effects of biased assessment in school contexts]
Summer term 2020 B.A., and M.Ed. course, Institute for Educational Research,
Ruhr-University Bochum, Germany
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- Winter term 2018/2019 “Vom individuellen zum kooperativen Lernen: Neue Lernformen in der digitalen Gesellschaft“ [From individual to collaborative learning: New forms of
Winter term 2017/2018 learning for the digital society],
Summer term 2017
- M.A course, Institute for Educational Research,
Ruhr-University Bochum, Germany
- 11/2020 „Digitales Lernen in der Hochschule: Umsetzung online-gestützter Kleingruppenarbeit in der Lehre 4.0“. [Digital learning in higher education: Implementing computer-supported collaboration in teaching 4.0], Workhop for teaching staff,
07/2019
Justus-Liebig Universität Gießen, Germany