

CURRICULUM VITAE OF DR. RICARDO BÖHEIM



Dr. Ricardo Böheim
Postdoctoral Research Assistant

TUM School of Social Sciences and Technology
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Research Interests

- Student engagement and social interaction
- Teacher education & Teacher professional development
- Professional vision
- Video-reflection and multimedia learning
- Motivation and Learning
- Hand raising
- Dialogic discourse

Degree

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| 10/2023 | Successful intermediate evaluation of habilitation process , TUM School of Social Sciences and Technology [Advisor: Prof. Tina Seidel, Prof. Felicitas Thiel, Prof. Jasmin Decristan] |
| 12/2020 | Dr. phil. [PhD] , TUM, summa cum laude
Title: The behavior of student hand-raising as an observable indicator of student engagement: Exploring the role of hand-raising in classroom learning and its relation to student motivation [Advisor: Prof. Tina Seidel, Prof. Mareike Kunter, Prof. Doris Lewalter] |
| 02/2016 | Master of Education , TUM, overall grade: 1,1
Master's Thesis: Improving reading strategies in science teaching - An intervention study [Advisor: PD Dr. Jutta Möhringer, grade: 1,0] |
| 02/2016 | First State Exam for secondary school teaching in education (Staatsprüfung Erziehungswissenschaften für das Lehramt an Gymnasien - Teilgebiet: Psychologie) |
| 09/2013 | Bachelor of Education , TUM, overall grade: 1,7
Bachelor's Thesis: Investigation of pre-service teachers' teaching skills with regard to learning climate as an important pedagogical strategy in teaching situations of different complexity
[Advisor: Prof. Tina Seidel, grade: 1,0] |
| 05/2009 | General matriculation standard at the German School Nairobi, Kenya (overall grade: 1,0) |

Awards

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| 02/2017 | Best Master's Thesis , TUM School of Education, TUM |
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Academic Education

11/2022 – today	Habilitation , TUM School of Social Sciences and Technology, TUM
2016 – 2020	PhD Program, TUM Graduate School , TUM
2013 – 2016	Master's Degree Program: Science Education for Secondary School Teaching (Biology/Chemistry), TUM
2011 – 2013	Bachelor's Degree Program: Science Education for Secondary School Teaching (Biology/Chemistry), TUM
2011	TUM <i>twoinone</i> Degree Program: Science Education for Secondary School Teaching (Biology/Chemistry), TUM (preparatory course)
Winter 2010/11	Environmental Engineering , TUM (without graduation)

School Education

2001 – 2009	Secondary School , German School Nairobi, Kenya
1997 – 2001	Primary School , German School Nairobi, Kenya

Academic Professional Experience

2022 – today	Habilitand candidate at the TUM School of Social Sciences and Technology, TUM
11/2021 – today	Postdoctoral researcher at the Chair for Educational Psychology, Department Educational Sciences (Prof. Tina Seidel), TUM
4 – 10/2021	Postdoctoral researcher at the Chair for Psychology, Faculty of Philosophy and Social Sciences, (Prof. Dr. Markus Dresel), University of Augsburg
4/2016 – 3/2021	Research Assistant and PhD student at the Chair for Educational Psychology (Prof. Dr. Tina Seidel), TUM
Winter 2015/16	Student Assistant / Tutor , Chair of Zoology, TUM
Summer 2014	Student Assistant / Tutor , Chair of Zoology, TUM
Winter 2011/12	Student Assistant / Tutor , Chair of Mathematical Modelling of Biological Systems, TUM

International Professional Experience

05 – 06/2023	Guest Researcher at the Department of Pedagogical and Educational Sciences (Prof. Dr. Tamara van Gog), Utrecht University, The Netherlands
10 – 11/2018	Guest Researcher at the Department of Psychology (Prof. Dr. Tim Urdan), Santa Clara University, California, USA

Grants and Approved Proposals

2020 – 2023	EARLI Emerging Field Group awarded to Ricardo Böheim and Jennifer Symonds Title: "Integrated Model of Momentary Learning in Context (IMMoLIC)" (Funding amount: 20.000 €, Jacobs Foundation)
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2020 – 2025	Approval of the teaching project " Learning through video reflection: Using video-based reflections to foster pre-service teachers' instructional quality " by the Bavarian State Ministry for Education and Culture (8.000 €; internal funding via the TUM-DigiLLab)
	Travel Grants (by German Academic Exchange Service)
2020	AERA Annual Meeting 2020 in San Francisco (2.145 €) (conference cancelled)
2018	EARLI, Motivation and Emotion SIG 2018 in Aarhus (652 €)

Project Management

2023 – today	GoProVis Study: Teachers' Goals and their Role in Shaping Professional Vision and Teaching Behaviour (internal funding)
2020 – 2023	PI of EARLI Emerging Field Group "Integrated Model of Momentary Learning in Context (IMMoLIC)" (Funding amount: 20.000 €, Jacobs Foundation)
2021 – 2023	Postdoctoral research assistant in the DFG funded project "Interaction II: Students through teacher eyes" (Funding amount: 364.000 €, DFG)
2021 – 2023	Mentor for doctoral candidate in DFG funded project "Student Teachers' Acquisition of Knowledge about Tutoring from Studying Video Examples: The Effects of Instructional Multimedia Design" (Funding amount: 218.000 €, DFG)
1/2019 – today	PI of "Relevance Booster" project: Fostering utility-value of research evidence in future teachers (internal funding)
04/2016 – 09/2020	Leading Ph.D. student in a DFG funded professional development project aiming to foster teachers' dialogic discourse practice (DIALOGUE) (Funding amount: 260.000 €, DFG)
04/2016 – 2017	Research assistant in the project "TUMExperTeach", A video library for excerpts of effective teaching, see TUM Watchroom (Funding amount: 10.000 €, Stifterverband)

Secondary School Teaching

School year 2014/15, 2013/14	Science Secondary Teacher at the bilingual Secondary School PHORMS Munich; part-time
08/2013 – 10/2013	Science Secondary Teacher at the German School Nairobi, Kenya

Additional Professional Experiences

07 – 08/2010	Engineer Internship with MüllerBBM, Munich
05 – 06/2010	Engineer Internship with STRABAG, Maskat/Oman
07/2009 – 03/2010	Basic military service, German Air Force , Roth and Neuburg an der Donau

Teaching Experience

Semester

<i>Sommer</i> 2024, 2023, 2022, 2020, 2019, 2018, 2017	TUMpaedagogicum IIb: Seminar for pedagogics and educational psychology complementing the school internship (Secondary Teacher Education, TUM)
<i>Winter</i> 2020/21, 2019/20	TUMpaedagogicum IIa: Seminar for pedagogics and educational psychology complementing the school internship (Secondary Teacher Education, TUM)
<i>Winter</i> 2023/24, 2022/23, 2021/22, 2020/21, 2019/20, 2018/19 2017/18	TUMpaedagogicum I: Seminar for pedagogics and educational psychology complementing the school internship (Secondary Teacher Education, TUM)
<i>Sommer</i> 2024, 2023, 2022, 2020, 2019, 2018, 2017	Mentoring for pre-service teachers as part of the school internship (Secondary Teacher Education, TUM)
<i>Winter</i> 2023/24, 2022/23, 2020/21, 2019/20	Video analysis (Seminar, Master Research on Teaching and Learning, TUM)
<i>Winter</i> 2021/22	Models and theoretical conceptions of teaching and learning research (Seminar; Master Research on Teaching and Learning, TUM)
<i>Winter</i> 2021/22	Video analyses of teaching behavior (Seminar, Teacher Education, University of Augsburg)
<i>Sommer</i> 2021	Fostering teaching quality (Seminar, Teacher Education, University of Augsburg)
<i>Sommer</i> 2021	Fostering student motivation in classrooms (Seminar, Teacher Education, University of Augsburg)
<i>Sommer</i> 2021	Motivational und emotional development (Seminar, Educational Sciences, University of Augsburg)
<i>Sommer</i> 2021	Tutorial "Introduction to psychology" (Tutorial, Teacher Education, University of Augsburg)
<i>Winter</i> 2018/19	Preparation course for the first state exam for secondary school teaching in education – Subfield Psychology (Seminar, TUM)
Schuljahr 2017/18 2016/17	Dialogic teaching – Teacher professional development course, TUM

Faculty Responsibilities

2022 – 2023	Coordinator of partner schools, TUM
2021	Student counselling for student teachers studying "Beratungslehramt", University of Augsburg
2020 – 2021	Member of the examination board for the Bachelor's/Master's program <i>Science Education for Secondary School Teaching</i> , TUM
2023 – today	Member of the admission board in the Master's program <i>Science Education for Secondary School Teaching</i> , TUM

2018 – today	Member of the admission board in the Master's program <i>Master Research on Teaching and Learning</i> , TUM
2018 – today	Coordination of educational seminars in accordance with the school internships offered for student teachers (<i>TUMpaedagogicum</i>)
2017 – 2019	Graduate student representative, TUM School of Education

Attended Professional Development Courses

2016 – 2024	Advanced seminar course for postgraduates and postdocs on research on teaching and learning [Prof. Tina Seidel, TUM]
13/05/2024	Examination law for examiners: Basics and tips for legally compliant assessment [T. Helmke, TUM Center for Study and Teaching]
28/07/2023	Innovations in university teaching: An overview of the didactic and technological scope for action , ProLehre Medien und Didaktik, [Dr. Fleischmann, TU München]
20/07/2023	Instructional Design Transfer Werkstatt: Blended Learning , ProLehre Medien und Didaktik, [Jäger, TU München]
15/12/2022	Digitale, videobasierte Lernumgebungen in der Lehrkräftebildung [WWU Münster, Online Workshop]
29-30/03/2022	Training: Introduction to The Observer XT and FaceReader [Noldus, Online course]
14/12/2021	Introduction to eye tracking / Tobii Pro [D. Triantafyllidis, Tobii Pro Trainer, Online course]
04-07/2021	Research colloquium for educational psychology [Prof. Dr. Markus Dresel, University of Augsburg]
25/06/2019	Research methods and statistics [Dr. Tom Schiebler, LMU Munich]
03/06/2019	Good scientific practice and open science [Dr. Tom Schiebler, LMU Munich]
07/03/2019	Analysis of Large-Scale-Assesments in R , FDZ Spring School at the IQB, Berlin [Dr. Alexander Robitzsch, IPN Kiel]
06/03/2019	Analyzing longitudinal data using multilevel modelling in R , FDZ Spring School at the IQB, Berlin [Dr. Takuya Yanagida, University of Vienna]
16/03/2018	Causal Mediation Analysis , FDZ Spring School at the IQB, Berlin [Prof. Dr. O. Lüdtke & A. Robitzsch, IPN Kiel]
13-14/03/2018	Structural Equation Modelling in R , FDZ Spring School at the IQB, Berlin [Prof. Dr. Ulrich Schroeders, University of Kassel]
25-29/09/2017	Data analysis: Mediation and Moderation / The Analysis of Nonindependent Data [Prof. Dr. Markus Brauer, University of Wisconsin-Madison (USA)]
13-15/02/2017	Scientific Paper Writing , Frauenwörth, Germany [Dr. Aniko Balazs Brauer]
23-24/01/2017	R-introductory course [Dipl.-Psych. Jörg-Henrik Heine, TUM – data management PISA]

Attendance at Conferences

08/2023	EARLI , Aristotle University of Thessaloniki / University of Macedonia, Thessaloniki, Greece
02/2023	GEBF Conference (Society for Empirical Educational Research), Universität Duisburg-Essen, Germany
09/2022	Advancing (Digital) Learning discourse in teaching, teacher education, and teachers' professional development , Ascona, Switzerland
04/2022	AERA 2022 Annual Meeting, Online conference
03/2022	GEBF Conference (Society for Empirical Educational Research), University of Bamberg, Bamberg, Germany
08/2021	EARLI , Online conference
08/2019	EARLI , RWTH Aachen University, Aachen, Germany
02/2019	GEBF Conference (Society for Empirical Educational Research), Universität zu Köln, Cologne, Germany
08/2018	EARLI SIG 8 (Motivation and Emotion) Conference 2018, Aarhus, Denmark
06/2018	EARLI SIG 11 (Teaching and Teacher Education) Conference 2018, Kristiansand, Norway
04/2018	AERA 2018 Annual Meeting, New York City, USA
02/2018	GEBF Conference (Society for Empirical Educational Research), Universität Basel, Basel, Switzerland
03/2017	GEBF Conference (Society for Empirical Educational Research), Ruprecht-Karls-Universität Heidelberg, Heidelberg, Germany

Professional Affiliations and Memberships

American Educational Research Association (AERA)

- SIG Motivation in Education
- Division C Learning & Instruction

European Association for Research on Learning and Instruction (EARLI)

- SIG 08 - Motivation and Emotion
- SIG 11 - Teaching and Teacher Education

Gesellschaft für Empirische Bildungsforschung (GEBF)

National conference for educational psychology in teacher education (Bavaria)

Member of the **Working Group Teaching Practice** from the Leibniz-Netzwerk Unterrichtsforschung at DIPF

2024	Member of scientific committee of der EARLI SIG 26 – Argumentation, Dialogue and Reasoning
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Reviewer activities

American Educational Research Journal | Computers & Education | Educational Research | Frontiers in Education | Journal of Education for Teaching | Journal for Educational Research Online | Learning and Instruction | Qualifizierung für Inklusion | Teaching and Teacher Education | Teacher Education under Review | German Journal of Educational Psychology | Conference Reviews for GEBF

Further Abilities and Skills

Languages	English: highly proficient in spoken and written English
Computer Skills	MS-Office (Word, PowerPoint, Excel, OneNote, Outlook, TEAMS), Adobe Photoshop, Adobe Premiere Pro, Davinci Resolve 17, Camtasia
Software for Data Analysis	SPSS Statistics, R, M-Plus, MAXQDA, The Observer XT, FaceReader, Videoanalysisoftware-INTERACT / BORIS, Eye-tracking-Software Tobii Pro Lab

Voluntary Commitment

Summer 2016	Social commitment, Participation in the program "Buddy for Refugees at TUM"
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Munich, 05/2024