

Curriculum vitae

PD Dr. rer. biol. hum. habil. Brita SEDLMAYR

Work address: Technische Universität Dresden
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Education and academic qualifications:

2025	Habilitation, Thesis: "Human-Centered Development of Clinical Decision Support Systems", Technische Universität Dresden Privatdozent (PD) in Medical Informatics, Technische Universität Dresden
2016	Doctorate (Dr. rer. biol. hum.), Thesis: "User-Centered Development of a Navigation and Visualization Concept for Decision Support Systems in Prescription Verification", Friedrich-Alexander-Universität Erlangen-Nürnberg
2003	Diploma in Psychology, Thesis: "Evaluation of Electronic Multimodal Assistants for Different User Groups in Operating Public Terminal Systems", Humboldt-Universität zu Berlin
1997 – 2003	Studies in Psychology with a focus on Work, Organizational, and Industrial Psychology; Specialization: Engineering Psychology / Cognitive Ergonomics, Humboldt Universität zu Berlin

Professional Appointments:

Since 2020	Research Associate, Institute for Medical Informatics and Biometry, Faculty of Medicine Carl Gustav Carus, Technische Universität Dresden
2018 – 2020	Research Associate, Center for Evidence-Based Healthcare, University Hospital and Faculty of Medicine Carl Gustav Carus, Technische Universität Dresden
2012 – 2018	Research Associate, Chair of Medical Informatics, Friedrich-Alexander-Universität Erlangen-Nürnberg
2011 – 2012	Research Associate, Center for Intelligent Objects (ZIO), Fraunhofer Institute for Integrated Circuits, Fürth
2004 – 2005	Research Associate, Research Institute for Communication, Information Processing and Ergonomics, Research Association for Applied Natural Sciences, Wachtberg / Bonn
2003 – 2004	Research Associate, Chair of Work Science and Product Ergonomics, Technische Universität Berlin

Further appointments and functions:

Coordination functions:

Since 2025	Teaching Coordinator, Chair of Medical Informatics, Institute for Medical Informatics and Biometry, Technische Universität Dresden
Since 2023	Network Coordination of the 21 Junior Research Groups of the Medical Informatics Initiative (MII)
Since 2021	Head of the Research Unit "Usability & Technology Acceptance", Institute for Medical Informatics and Biometry, Technische Universität Dresden

Since 2020	Head of BMBF Junior Research Group "CDS2USE: Prospectively User-Oriented Design of Clinical Decision Support Systems in the Context of Personalized Medicine"
2018 – 2020	Deputy Head of the "Digital Health / Telemedicine" Research Unit, Center for Evidence-Based Healthcare, Technische Universität Dresden

Memberships:

- Doctoral Committee for Experimental-Theoretical Subjects, Faculty of Medicine Carl Gustav Carus, Technische Universität Dresden (since 2025)
- National Steering Committee (NSG) of the Medical Informatics Initiative (MII) (since 2023)
- German Association for Medical Informatics, Biometry and Epidemiology (GMDS) (since 2023)
- Working Group "Digital Health" of the German Network for Health Services Research (DNVF) (since 2018)
- Professional Association for User Experience and Usability Professionals (German UPA) (since 2011)

Scholarships, awards and honours:

- LifeScienceXplained | Sartorius Prize for New Communication, for an explainer video on "Clinical Decision Support Systems" in collaboration with Dr. Watson, 2023
- 2nd Place, GMDS Award for Best Dissertation in Medical Informatics, 2017

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