

**Prof. Dr. Ulrike Cress**

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**Education**

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- 2006 **Habilitation** at Eberhard Karls University of Tübingen, Department of Psychology (venia legend)
- 2000 **Promotion**, Dr. rer. soc. at University of Tübingen
- 1989 – 1994 Studies at University of Tübingen, **Psychology (Diploma)**

**Research Experience**

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- Since 2017 **Executive Director** of the Leibniz-Institut für Wissensmedien, Tübingen
- 2017 – 2020 **Head** of the Leibniz-WissenschaftsCampus Tübingen (Cognitive Interfaces)
- 2014 – 2016 **Deputy Director** of the Leibniz-Institut für Wissensmedien, Tübingen
- Since 2008 **Professor** (W3) at University of Tübingen, Department of Psychology and Head of the Knowledge Construction Lab at the Leibniz-Institut für Wissensmedien
- 2006 – 2008 **Acting Head** of the Lab 'Design und Implementation integrativer Lernumgebungen' at Leibniz-Institut für Wissensmedien, Tübingen
- 2000 – 2006 **Assistant Professor** (C1) at University of Tübingen, Department of Psychology
- 1994 – 2000 **Research Associate** at 'Deutsches Institut für Fernstudienforschung (DIFF)'

**Academic & Board Functions (Selection)**

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- Since 2026 Member of the Scientific Advisory Board of FIZ-Karlsruhe
- Since 2026 Member of the Foundation's Advisory Board Kolping-Bildungswerk Württemberg
- Since 2026 Scientific Commission of Lower Saxony (WKN), Member of the Standing Panel of the Lower Saxony Profile Professorships Funding Programme
- Since 2023 Member of the Tübingen Center for Digital Education (TüCeDE)
- Since 02/2023 Stiftung Innovation in der Hochschullehre (Foundation for Innovation in University Teaching, StIL), Hamburg: Project Selection Committee Member for Funding Criterion A ("Strategic structural strengthening of higher education institutions in studying and teaching")
- Since 06/2022 Co-Director LEAD Graduate School & Research Network, Tübingen
- Since 06/2022 Fellow of the International Society of the Learning Sciences (ISLS)
- Since 2021 Member of „The Standing Scientific Commission of the Standing Conference of the Ministers of Education and Cultural Affairs of the states in the Federal Republic of Germany“.
- 2021 – 2023 Member of the „Fachausschuss Kommunikation und Information“ of the German Commission for UNESCO
- 2020 – 2023 Member of the German Commission for UNESCO
- Since 2020 Member of the scientific advisory board of the German Literature Archive Marbach (DLA)

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|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020 – 2023 | Member of the scientific advisory board of the Graduate Academy of the University Stuttgart (GRADUS)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Since 2020  | Head of TüDiLB (Digitalisation in Teacher Education Tübingen – Centre for Research and Transfer) in cooperation with Eberhard Karls University of Tübingen                                                                                                                                                                                                                                                                                                                                                                                                         |
| Since 2019  | Deputy-Chair of the board of trustees of Leibniz-Kolleg foundation, Tübingen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Since 2019  | Co-Speaker of the Leibniz Education Research Network (LERN)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Since 2018  | Deputy Chairwoman and Member of the Executive Board and Board of Trustees of the Deutsche Telekom Stiftung, Bonn                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Since 2016  | Member and deputy speaker of the Advisory Board of 'Leibniz-Kolleg Tübingen'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Since 2016  | Member of the Tübingen School of Education (TüSE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2014 – 2019 | Member of the Expert Group 'Digitales Lernen Grundschule', Deutsche Telekom Stiftung                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2012 – 2016 | Member of the CSCL-Community Board                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Since 2010  | Regular Reviewer for the 'Bundesinstitut für Sportwissenschaft'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2010 – 2025 | Member of the Program Committee of the 'Virtuelle Hochschule Bayern' (vhb)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2007 – 2009 | Treasurer at the Expert Group Media Psychology of the DGP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Since 2006  | Member of several appointment committees at University of Tübingen (Psychology, Sociology, Education Science, Computer Science)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Since 2008  | Reviewer for numerous scientific journals and research funding institutions, e. g. Austrian Federal Ministry of Education, Science and Research, EU, Federal Ministry of Education and Research (BMBF), Foundation Innovation in University Teaching Hamburg, German Academic Scholarship Foundation, German Federal Institute of Sports Science, German Research Foundation (DFG), Leibniz Association, Ministry of Science, Research and the Arts Baden-Württemberg (MWK), Scientific Commission of Lower Saxony (WKN), Swiss National Science Foundation (SNSF) |

### Editorial Boards

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|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Since 2022  | Member of the Advisory Editorial Board of <i>Journal of Computer Assisted Learning</i> (JCAL)                                                    |
| 2015 - 2017 | Member of the Editorial Board of <i>American Educational Research Journal</i>                                                                    |
| 2013 - 2017 | Member of the Editorial Board of <i>IEEE Transactions on Learning Technologies</i>                                                               |
| Since 2013  | Member of the Executive Board of <i>International Journal of Computer-Supported Collaborative Learning</i> (ijCSCL; Associate Editor since 2010) |
| 2011 – 2016 | Member of the Board of Consulting Editors of <i>Educational Psychologist</i>                                                                     |

### PI in Coordinated Research Programms

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|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Since 2021  | Principal Investigator of the <b>German Center for Mental Health</b> in Tübingen                                                                                                                                                                                                                   |
| 2018 – 2023 | Principal Investigator of the <b>Tübingen School of Education</b> (TüSE): Research! – Relevance – Responsibility, Exzellenz in der Lehrerbildung – Konsolidierung der Grundstruktur und Intensivierung der Forschung zur Verbesserung der Lehrerbildung an der Tübingen School of Education (TüSE) |
| 2012 – 2018 | Principal Investigator of the <b>LEAD Graduate School</b> ('Learning, Educational Achievement, and Life Course Development: An Integrated Research and Training Program' at University of Tübingen), financed by the German Excellence Initiative                                                  |

### Organization of Conferences

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| 2020 | Cognitive Interfaces, Virtual Symposium, Leibniz WissenschaftsCampus Tübingen                                                 |
| 2016 | ICLS 2016 in Singapore: Programme Co-Chair                                                                                    |
| 2016 | ACM WebSci '16: Senior Program Committee member                                                                               |
| 2014 | 22nd International Conference on Computers in Education (ICCE 2014) in Nara, Japan: Program Co-Chair of a CSCL sub-conference |

- 2014 EMOOCs 2014 (Second European MOOCs Stakeholders Summit) in Lausanne, Switzerland: Chair of the Research Track's Committee
- 2014 OpenSym 2014 in Berlin: Organization and Program Co-Chair of the OER Research Track
- 2014 International Workshop on Mass Collaboration and Education in Tübingen: Organization and Principal Applicant (funded by the DFG)
- 2013 21st International Conferences on Computers in Education (ICCE 2013) in Bali, Indonesia: Program Co-Chair of the CSCL sub conference
- 2013 Symposium 'Mass Collaboration' at the International Conference on Computer-supported Learning in Madison, USA: Organization
- 2009 4th European Conference on Technology-Enhanced Learning (EC-TEL) in Nizza, Italy: Programme Co-Chair
- 2008 Workshop 'Perspectives of ICT in special education - Potential and possibilities of WEB 2.0 and social software' in Tübingen: Organizer

### Calls for Professorship

- 2007 W3-Professorship for Educational Sciences with a focus on Empiric Educational Research at **FernUniversität in Hagen** (1<sup>st</sup> on list; offer declined).
- 2008 W3-Professorship for Psychology of New Media and Methods at **Technische Universität Berlin** (1<sup>st</sup> on list; offer declined).
- 2008 W3-Professorship for Educational Psychology der **Helmut-Schmidt Universität der Bundeswehr in Hamburg** (1<sup>st</sup> on list; offer declined).
- 2008 W3-Professorship for Empirical Educational Research at the **University of Tübingen** (1<sup>st</sup> on list; offer accepted).

### Third-Party Funding (last 5 years)

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- Adaptiv Intelligentes System (AIS), 2026 – 2027, FWU: Institut für Film und Bild in Wissenschaft und Unterricht gGmbH (400.000 €)
- Digi-EBF II – Transfer of scientific findings on the use of digital media in education, 2024 – 2026, Federal Ministry for Education, Family Affairs, Senior Citizens, Women and Youth (BMBFSFJ) (251.000 €)
- Future Space – Kompetenzverbund lernen:digital, 2023 – 2026, Federal Ministry of Education and Research (BMBF) (795.000 €)
- Visibility and Update – Enhancing the content- and community-driven development of the portal e-teaching.org (AuftAkt), 2023 – 2026, Stiftung Innovation in der Hochschullehre (StIL) (600.000 €)
- KuMuS ProNeD, 2023 – 2025, Federal Ministry for Education, Family Affairs, Senior Citizens, Women and Youth (BMBFSFJ) and European Union – NextGenerationEU (300.000 €)
- MINT-ProNeD – Professional networks for fostering adaptive, process-oriented, technology-enhanced innovations in STEM teacher education, 2023 – 2025, Federal Ministry of Research, Technology and Space, European Union (BMFTR, EU) (300.000 €)
- TüKITZ Med (Tübingen AI Training Center for Medicine): Implementation of an AI curriculum for students of medicine and medicine-related life sciences, 2022 – 2024, Federal Ministry of Education and Research (BMBF) (18.000 €)
- VideT: Fragility and credibility of scientific knowledge, 2021 – 2024, Federal Ministry of Education and Research (BMBF) (340.000 €)
- Learning Progression Analytics: Analyzing Learning for Individualized Competence development in mathematics and science Education (ALICE), Workgroup Knowledge Construction Lab, Duration: 2021 – 2024, Leibniz Competition: Leibniz Collaborative Excellence (160.000 €)

eteachProNBP (e-teaching.org networked – a problem-oriented approach to connecting to the NBP) 1& 2, 2021 – 2024, Federal Ministry of Education and Research (BMBF) (500.000 €)

HybridLR: Designing Hybrid Learning Spaces – Context Factors and Good Practices, 2020 – 2023, Federal Ministry of Education and Research (BMBF) (600.000 €)

KnowWolf: Transfer of evidence-based and co-produced knowledge for human wolf coexistence, 2019 – 2021, Leibniz Competition: Leibniz Transfer (150.000 €)

Digi-EBF: Meta project “Digitalisation in the fields of education” – Teacher Education, 2018 – 2023, Federal Ministry of Education and Research (BMBF) (530.000 €)

SALIENT: Search as Learning – Investigating, Enhancing and Predicting Learning during Web Search, 2018 – 2021, Leibniz Competition: Leibniz Collaborative Excellence, principal applicant: P. Holtz & U. Cress (150.000 €)

WTimpact: The influence of collaborative knowledge development on attitudes and emotions, 2017 – 2021, Federal Ministry of Education and Research (BMBF) (330.000 €)

## Awards and Honors

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| 2025 | Research award from the Dr. K. H. Eberle Foundation, worth 100.000 € (together with Prof. Carolin Führer, University of Tübingen) |
| 2024 | Order of Merit of the State of Baden-Württemberg                                                                                  |
| 2022 | Appointed ICLS Fellow                                                                                                             |

## 10 Most Relevant Publications

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Luther, T., Belcher, K., Kimmerle, J., Meurers, D., & Cress, U. (2026). Collaborative knowledge construction with generative AI: Exploring argumentative co-writing processes through n-gram and cluster analysis. *International Journal of Computer-Supported Collaborative Learning*. <https://doi.org/10.1007/s11412-026-09470-1>

Köller, O., Thiel, F., van Ackeren-Mindl, I., Anders, Y., Becker-Mrotzek, M., Cress, U., Diehl, C., Kleickmann, T., Lütje-Klose, B., Prediger, S., Seeber, S., Ziegler, B., Lewalter, D., Maaz, K., Reintjes, C., Stanat, P., Drachsler, H., Frederking, V., Fütterer, T., ... Zesch, T. (2024). *Large Language Models und ihre Potenziale im Bildungssystem*. Ständige Wissenschaftliche Kommission (SWK) der Kultusministerkonferenz, Bonn. <https://www.swk-bildung.org/veroeffentlichungen/115-2/>

von Hoyer, J. F., Kimmerle, J., **Cress, U.**, & Holtz, P. (2024). False certainty as an unwanted side effect of knowledge acquisition in computer-based online search and content learning. *Computers & Education*, 208, Article 104930. <https://dx.doi.org/10.1016/j.compedu.2023.104930>

**Cress, U.**, & Kimmerle, J. (2023). Co-constructing knowledge with generative AI tools: Reflections from a CSCL perspective. *International Journal of Computer-Supported Collaborative Learning*, 18(4), 607-614. <https://dx.doi.org/10.1007/s11412-023-09409-w> [Open Access](#)

**Cress, U.**, Rosé, C., Wise, A. & Oshima, J. (Eds.). (2021). *International Handbook of Computer-Supported Collaborative Learning* (Computer-Supported Collaborative Learning Series, Vol 19). Springer International Publishing. <https://link.springer.com/book/10.1007/978-3-030-65291-3>

Flemming, D., Kimmerle, J., **Cress, U.**, & Sinatra, G. M. (2020). Research is tentative, but that's okay: Overcoming misconceptions about scientific tentativeness through refutation texts. *Discourse Processes*, 57(1), 17-35. <https://dx.doi.org/10.1080/0163853x.2019.1629805>

Oeberst, A., von der Beck, I., Matschke, C., Ihme, T. A., & **Cress, U.** (2020). Collectively biased representations of the past: In-group Bias in Wikipedia articles about inter-group conflicts. *British Journal of Social Psychology*, 59, 791-818. <https://doi.org/10.1111/bjso.12356>

- Kimmerle, J., Moskaliuk, J., Oeberst, A., & **Cress, U.** (2015). Learning and collective knowledge construction with social media: A process-oriented perspective. *Educational Psychologist, 50*, 120-137. <https://doi.org/10.1080/00461520.2015.1036273>
- Oeberst, A, Halatchliyski, I., Kimmerle, J., & **Cress, U.** (2014). Knowledge construction in Wikipedia: A systemic-constructivist analysis. *Journal of the Learning Sciences, 23*, 149-176. <https://doi.org/10.1080/10508406.2014.888352>
- Cress, U.**, & Kimmerle, J. (2008). A systemic and cognitive view on collaborative knowledge building with wikis. *International Journal of Computer-Supported Collaborative Learning, 3*, 105-122. <https://doi.org/10.1007/s11412-007-9035-z> (more than 800 citations)

### **Teaching/Supervisor Experience**

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Ulrike Cress teaches Educational Psychology, Media Psychology, Statistics, Evaluation, and Motivation Psychology. She has been the supervisor of 2 Habilitations, 28 Ph.D. students, 6 Bachelor-, 16 Master- and 33 Diploma) students since 2006.