

Curriculum Vitae

Prof. Dr. rer. nat. Antje Wulff



Credit: Universität Oldenburg

Research Topics

Antje Wulff (*1992) completed her B. Sc. degree (ECTS Grade A) in Business Information Systems in cooperation with IBM Deutschland GmbH at the Baden-Württemberg Cooperative State University in Stuttgart. She worked as an assistant to the IBM Healthcare & Pharma/Life Science Leader, in IT project management at a large German health insurance company and in the business analytics area in London (UK). After graduating at the top of her class, she continues with her Master's studies at the TU Braunschweig, majoring in Medicine and Health at the Peter L. Reichertz Institute for Medical Informatics (PLRI). She began working as a research assistant at the PLRI in the areas of clinical decision-support, clinical data repositories and reuse of clinical data. After graduating (ECTS Grade A with honours), she obtained her doctorate in 2021 on "Cross-Institutional and Data-Driven Decision-Support for Intensive Care Environments" (summa cum laude). Her current research focuses on the extraction, modelling, integration and analysis of medical data and the development of interoperable clinical decision-support systems. As deputy project leader, she is working on the BMG-funded project "ELISE", in which new correlations between different paediatric diseases are discovered and diagnostic models are developed by combining and analysing large intensive care data sets. Wulff holds the German scholarship of the Federal Ministry of Education and Research ("Deutschlandstipendium") (2014-2015), has been awarded with the "GMDS Förderpreis" for the best dissertation (2021) and the best master thesis (2017) and a "Best Paper" conference award (ICIMTH conference 2018). Her paper on interoperable decision support was listed as best paper candidate of the "International Medical Informatics Association Yearbook of Medical Informatics" (2019). Wulff serves as member of the "Deutsche Gesellschaft für Medizinische Informatik, Biometrie und Epidemiologie e.V. (GMDS)", as reviewer for international journals (e.g. "Artificial Intelligence in Medicine") or conferences, and program committee member (e.g. for the "International Conference on Artificial Intelligence in Medicine" in 2020 and 2022). In March 2022, Wulff becomes assistant professor for "Big Data in Medicine" at the Department of Health Services Research of the Carl von Ossietzky University Oldenburg.

Current Position

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| Since 03/2022 | Assistant Professor
Big Data in Medicine, Department of Health Services Research
Carl von Ossietzky University Oldenburg, Oldenburg, Germany |
| Since 01/2021 | Postdoctoral Researcher
Peter L. Reichertz Institute for Medical Informatics of TU Braunschweig
and Hannover Medical School, Hannover, Germany |



Scientific Background

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| 2017-2021 | Doctoral Studies (Dr. rer. nat.),
Technical University Braunschweig, Braunschweig, Germany,
"Cross-institutional and data-driven decision-support for intensive care environments"
Summa Cum Laude |
| 2014-2016 | Master of Science (Business Information Systems – Medicine & Healthcare),
Technical University Braunschweig, Braunschweig, Germany
ECTS Grade A (with honours) |
| 2011-2014 | Bachelor of Science (Business Information Systems), Integrated degree program
Baden-Wuerttemberg Cooperative State University (DHBW), Stuttgart, Germany
ECTS Grade A |



Professional Experience

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| Since 03/2022 | Assistant Professor
Big Data in Medicine, Department of Health Services Research
Carl von Ossietzky University Oldenburg, Oldenburg, Germany |
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Since 01/2021	Postdoctoral Researcher Peter L. Reichertz Institute for Medical Informatics of TU Braunschweig and Hannover Medical School, Hannover, Germany
11/2015 – 01/2021	Research Associate, PhD candidate Peter L. Reichertz Institute for Medical Informatics of TU Braunschweig and Hannover Medical School, Hannover, Germany
10/2014 – 10/2015	Working Student E-Recruiting IBM Germany GmbH, Remote
02/2014 – 05/2014	Student Internship Business Analytics/Data Warehousing IBM Germany GmbH, Chemnitz/Germany
10/2013 – 11/2013	Student Internship Healthcare & Pharma/Life Science IBM Germany GmbH, Berlin, Germany
06/2013 – 10/2013	Student Internship abroad Business Analytics/Consulting IBM GmbH, London, United Kingdom
12/2012 – 02/2013	Student Internship Enterprise Resource Planning IBM Germany GmbH, Herrenberg, Germany
06/2012 – 08/2012	Student Internship IT Project Management IBM Germany GmbH, Hamburg, Germany
01/2012 – 03/2012	Student Internship Sales and Consulting IBM Germany GmbH, Ehningen, Germany

Scholarships and Awards

2021	Niedersächsischer Gesundheitspreis for project ELISE in category eHealth
2021	Best Dissertation Award of the German Association for Medical Informatics, Biometry and Epidemiology (GMDS)
2019	Best Paper Candidate International Medical Informatics Association (IMIA) Yearbook of Medical Informatics 2019. "An interoperable clinical decision-support system for early detection of SIRS in pediatric intensive care using openEHR".
2018	Best Paper Award at 16th International Conference on Informatics, Management and Technology in Healthcare in Athens. "Learning healthcare systems in pediatrics: cross-institutional and data-driven decision-support for intensive care environments (CADDIE)"
2017	Best Master Thesis Award of the German Association for Medical Informatics, Biometry and Epidemiology (GMDS)
2017	Semi-Finalist for Future X Healthcare Scientific Excellence Award by Roche
2015	German Scholarship of the Federated Ministry of Education and Research