

# DR. LAURA MAHRENBACH

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 <https://www.mahrenbach.com/Publications/>

## RELEVANT PROFESSIONAL EXPERIENCE

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### Adjunct professor

since 2022

*School of Social Sciences and Technology | Technical University of Munich*

### Project leader and lecturer

2017 - 2022

*School of Social Sciences and Technology | Technical University of Munich*

- Led 2 multi-year, international projects (“Digital Transformations and Global Power Shifts” and “Conceptualizing Emerging Powers”) to completion, resulting in 18 peer-reviewed publications, 2 additional publications and numerous invited talks, conference presentations and interviews
- Contributed to high-profile policy debates discussing technology (big data, AI), economic development and the Global South (Brazil, India, China), including the 2024 Raisina Dialogue and the 2022 GPPi/New America Transatlantic Digital Debates
- Secured a 278,000 € grant from the German Research Foundation
- Completed several professional certifications, including the *Venia Legendi* in Political Science, the Google Professional Data Analytics Certificate, and the Certificate for Teaching in Higher Education of the Bavarian Universities
- Developed and taught courses in international political economy, international relations, technology, and social science research methods
- Supervised 3 MA- and BA-theses, one Ph.D. candidate and one intern
- Completed professional service tasks, incl. chairing committees (e.g., the Society for Women in IPE Mentor Award Committee), organizing events and participating in administrative interviews

### Researcher and lecturer

2013 - 2016

*Chair of International Politics | Technical University of Dresden*

- Co-directed sub-project 2 (“Explaining the Origins and Shifts in States’ Preferences”) of the European Research Council Project “Delegation of Power to International Organizations”
- Completed research projects on states (Brazil, India, UK, USA) in global economic governance (World Trade Organization, World Bank, United Nations, G20), resulting in 5 peer-reviewed publications and 6 conference talks
- Organized an interdepartmental campaign, securing the Nexis database for the Saxon State Library
- Developed and taught courses in international political economy and international relations
- Supervised 8 MA- and BA-theses

### Assistant professor

2012 - 2013

*Department of Politics & History | Curry College (Milton, USA)*

- Completed research on trade and development governance in the Global South, resulting in 1 book contract (Palgrave Macmillan 2013), 1 peer-reviewed publication and 3 conference talks
- Introduced online office hours to make academic advising more inclusive for students facing mobility and financial challenges
- Evaluated and improved the college library’s social science resources and integrated these improvements into curriculum via course-mapping for the Department of Politics & History
- Developed and taught courses in political science and modern history
- Served as primary academic advisor for 6 undergraduate students

### Lecturer and Ph.D. student

2007-2012

*Chair of International Politics | Ruhr-University Bochum*

- Performed dissertation research (“The Trade Policy Strategies of Emerging Power States”), receiving the grade of *summa cum laude*
- Developed and taught courses in international political economy and international relations, receiving 2 e-learning awards for exceptional use of technology in the classroom
- Secured US\$7,300 in scholarship and grant funding, enabling field research and talks on 3 continents

## SELECTED RECENT PUBLICATIONS AND PRESENTATIONS

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- “Can BRICS Lead in International AI Governance?”** / World Politics Review **03/2024**  
*Document analysis of leadership criteria in AI governance; collaboration with Mihaela Papa*
- Raisina Dialogue** / Indian Ministry of External Affairs & Observer Research Foundation, New Delhi **02/2024**  
*Moderated high-level AI panel at India’s premier geopolitical and geoeconomic dialogue*
- Governing Artificial Intelligence** / Global Policy Journal at Smashwords **2023**  
*Edited volume exploring societal challenges and opportunities afforded by AI*
- “Measuring Political Legitimacy with Twitter”** / *New Media & Society* 25(2) **2023**  
*Network and qualitative text analysis using Python and R to collect/analyze social media data; collaboration with Jürgen Pfeffer*
- Digital Diplomacy and Statecraft Roundtable** / GIGA Hamburg **03/2023**  
*Presentation on global power shifts and AI*
- Transatlantic Digital Debates** / Global Public Policy Institute & New America **11/2022**  
*Presentation on AI regulation and governance*
- “Interrogating Technology-Led Experiments in Sustainability Governance”** / *Global Policy* 11(4) **2020**  
*Collaboration with 9 scholars to set research/policy agenda maximizing technology’s positive impact in sustainable governance and development*
- Digital Fracturing Conference** / Friederich Ebert Stiftung & University of Nottingham in Ningbo (China) **11/2019**  
*Presentation: “The Great Splintering and Digital Polarity Theory”*
- “Policy Visions of Big Data”** / *Third World Quarterly* 39(10) **2018**  
*Qualitative text and primary/secondary source analysis estimating the feasibility of emerging power leadership in the field of big data; collaboration with Jürgen Pfeffer and Katja Mayer*

## SKILLS

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- Languages** English (native), German (fluent)
- IT skills** Adobe Acrobat, Confluence, Jira, Latex, MaxQDA, R, MS Office, Python, SQL, Tableau
- Research methods** Content analysis, Interviewing, Network analysis, Process tracing, Spreadsheet analysis

## AWARDS, GRANTS AND SCHOLARSHIPS

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- US\$321,000 in research funding** **2007-2023**  
*Funders: German Research Foundation (DFG), International Studies Association, Technical University of Dresden, German Academic Exchange Service (DAAD), Curry College, Ruhr-University Bochum*
- John Wiley and Sons Top Downloaded Paper** **2019**  
*Heldt and Mahrenbach (2019) in Global Policy*
- e-Learning Awards** at the Ruhr-University Bochum **2011**  
*For exceptional use of technology in the classroom*
- Fulbright Commission Teaching Assistantship** in Hanover, Germany **2005-2006**
- University Medal** at Louisiana State University **2004**  
*Final grade point average of 4.0 (Top 2% of graduating class)*
- US Presidential Scholar** **2000**  
*Awarded to the USA’s top high school graduates (Top 0,005% of US graduates)*

**National Merit Scholar**

**2000**

*Awarded to the USA's top high school graduates (Top 0,2% of US graduates)*

**US\$85,000 in scholarships**

**2000-2008**

*Incl. Chancellor's Alumni Scholarship (Louisiana State University, full scholarship), Graduate Assistantship (Florida State University, tuition and fees), Study Abroad Scholarship (Florida State University), and Summer School Scholarship (European Consortium for Political Research)*

**EDUCATION AND CERTIFICATIONS**

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- 2023**      **Google Data Analytics Professional Certificate** / Google
  - 2022**      **Habilitation in Political Science** / Technical University of Munich  
*Focus: Big data, artificial intelligence and international relations*
  - 2021**      **Certificate for Teaching in Higher Education of the Bavarian Universities** /  
Technical University of Munich
  - 2011**      **Ph.D. in Social Sciences** / Ruhr-University Bochum / *Summa cum laude*  
*Focus: International political economy*
  - 2007**      **M.A. in International Affairs** / Florida State University
  - 2004**      **B.A. in Political Science** / Louisiana State University / *Summa cum laude*
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