

# Dr. Julia Schubert

Lehrstuhl für Wissenschaftsmanagement,  
Freiherr-vom-Stein-Straße 2, 67346 Speyer  
schubert@uni-speyer.de, @JuMaSchu

## RESEARCH INTERESTS

---

Science & Technology Studies | Science Policy Studies | Sociology of Expertise | Historical Sociology | Theory of Society

## SHORT BIOGRAPHY

---

Julia Schubert is a post-doctoral researcher at the Department of Science Studies and Management at the University of Speyer, a 'young fellow' at the ZiF Institute for Advanced Study of the University of Bielefeld, and a member of the Climate Social Science Network (CSSN), based at Brown University. Her research and teaching interests lie at the intersection of Science and Technology Studies, historical sociology, and the theory of society. She is particularly interested in how scientific expertise shapes the politics of societal problems and the historical emergence of governance objects.

Julia studied Sociology and Social Sciences in Marburg and Heidelberg. In 2019, she defended her PhD in sociology at the University of Bonn with distinction (supervision: Rudolf Stichweh, David Kaldewey, *summa cum laude*). During her PhD studies, she conducted field research at the *CIRES Center for Science and Technology Policy Research* at the University of Colorado (Boulder) as a Fulbright Scholar.

## EDUCATION

---

- |      |  |
|------|--|
| 2019 | <b>Ph.D. Sociology (<i>summa cum laude</i>)</b><br>University of Bonn<br>Supervision: Prof. Dr. Rudolf Stichweh, Prof. Dr. David Kaldewey<br>Defended April 2019 |
| 2013 | <b>M.A. Sociology</b><br>University of Heidelberg  |
| 2010 | <b>B.A. Social Sciences</b><br>University of Marburg   |

## ACADEMIC CAREER

---

- Since 2021**     **Postdoctoral Researcher**  
Department of Science Studies and Management, University of Speyer
- 2019 - 2020**     **Postdoctoral Researcher**  
Department of Science Studies, Forum Internationale Wissenschaft (FIW),  
University of Bonn
- Since 2019**     **Fellow of the “Young ZiF”**  
Institute for Advanced Study: Center for Interdisciplinary Research (ZiF),  
University of Bielefeld
- 2016 –**           **Fulbright Scholar**  
**2017**            CIRES Center for Science and Technology Studies, University of Colorado,  
Boulder  
Host: Prof. Max Boykoff
- 2014 –**           **Research Associate (PhD Candidate)**  
**2018**            Mercator Research Group “*Discovering, Exploring, and Addressing Grand  
Societal Challenges*”, FIW, University of Bonn
- 2012 –**           **Research Assistant**  
**2013**            Hertie School of Governance, Berlin

## PUBLICATIONS (SELECTION)

---

### MONOGRAPH (PEER REVIEWED)

**Schubert, J.** (forthcoming 2021): *Engineering the Climate. Science, Politics, and the Career of a Plan B*.  
Manchester: Mattering Press.

### PAPERS AND CHAPTERS

**Hamann, J./ Schubert, J.** (forthcoming). Was heißt und wie bewertet man die gesellschaftliche  
Relevanz der Wissenschaft? In D. Kaldewey (ed.), *Wissenschaftsforschung: Grundbegriffe,  
Forschungsfelder und Forschungsfragen*. Berlin: de Gruyter.

**Schubert, J. (2021)**: Die politische Wirkmacht wissenschaftlicher Expertise. Natürliche Analogien  
und theoretische Experimente in U.S.-amerikanischer Geoengineering-Politik. In: Büttner, U./  
Müller, D. (eds.): *Climate Engineering. Imaginationsgeschichten künstlichen Klimas*. Berlin: Matthes  
und Seitz.

**Kaldewey, D./ Russ, D./ Schubert, J. (2020)**: The Politics of Technoscience: From National  
Visions to Global Problems. In: Maasen, S./ Dickel, S./ Schneider, C. (eds.): *TechnoScienceSociety.  
Technological Reconfigurations of Science and Society* (Sociology of the Sciences Yearbook). Cham:  
Springer, S. 191-208.

**Hamann, J./ Kaldewey, D./ Schubert, J. (2019)**. Die gesellschaftliche Relevanz von Forschung.  
Drei Modelle ihrer Bewertbarkeit. *Wissenschaftsmanagement* 2(2019), 133-137.

**Schubert, J. (2019):** Measuring, Modeling, Controlling the Climate? Numerical Expertise in U.S. Geoengineering Politics. In Prutsch, Markus (Ed.): *Working Numbers. Science and Contemporary Politics*. Basingstoke: Palgrave Macmillan, S. 181-202.

**Hamann, J. / Kaldewey, K. / Schubert, J. (2019):** Ist gesellschaftliche Relevanz von Forschung bewertbar, und wenn ja, wie? *Austrian Academy of Sciences*, URL: [www.oeaw.ac.at/preisfrage](http://www.oeaw.ac.at/preisfrage).

**Schubert, J. (2016):** The Organizational Interface of Science and Politics. Towards a Conceptual Framework. *Der moderne Staat – Zeitschrift für Public Policy, Recht und Management*, 8(2), 51-64.

**Russ, D./ Schubert, J. (2016):** Verwissenschaftlichung der Politik? Eine Analyse massenmedialer Darstellungskontexte politischen Entscheidens (1946-2011). In: Lemke, Matthias/ Gregor Wiedemann (Eds.): *Text Mining in den Sozialwissenschaften. Grundlagen und Anwendungen zwischen qualitativer und quantitativer Diskursanalyse*. Wiesbaden: VS Verlag, S. 257-288.

**Hoelscher, M./ Schubert, J. (2015):** Potential and Problems of Existing Creativity and Innovation Indices, *Creativity Research Journal*, 27(1), 1-15.

**Kaldewey, D./ Russ, D./ Schubert, J. (2015).** Following the Problems. Das Programm der Nachwuchsforschergruppe "Entdeckung, Erforschung und Bearbeitung gesellschaftlicher Großprobleme." *FIW Working Paper, No 2*.

## PRESENTATIONS (SELECTION)

---

**2021** *Das Klima regieren: Wissenschaftliche Expertise und die Politik technischer Klimaintervention.* Kolloquium sozialwissenschaftliche Klimaforschung, University of Hamburg, January 2021.

**2019** *Engineering the Climate. The Career of an Unlikely Innovation?* Society for Social Studies of Science Annual Meeting, September 2019, New Orleans (USA).

**2019** *Climate Engineering: How a Curious Scientific Idea Became Serious Politics.* Evening Lecture, Colby College, September 2019, Waterville, Maine (USA).

**2018** *Expert Infrastructures in Grand Challenges. The Case of Geoengineering in the US.* Higher Seminar Series - Spring 2018, Division of the History of Science, Technology, and Environment, KTH Royal Institute of Technology, Stockholm.

**2017** *Quantifying the Challenge: Numerical Expertise in U.S. Geoengineering Politics.* Second project conference on "Science, Numbers, and Politics" at the Heidelberger Akademie der Wissenschaften.

**2017** *Addressing Climate Change as an Engineering Challenge. Scientific Expertise in U.S. Geoengineering Politics.* Noontime Seminar at the Center for Science and Technology Policy, CIRES at the University of Colorado at Boulder, CO (USA).

## PUBLIC LECTURES

---

*Climate Engineering. Den Klimawandel technologisch beherrschen?* Lecture in „Aspekte der Erderwärmung“, lecture series organized by Prof. Dr. Niko Froitzheim, Department of Geosciences, University of Bonn, Summer Term 2020.

**Hacking the Planet?! Zur Geschichte gezielter menschlicher Klimakontrolle.** Lecture at the DIES Academicus, 06 December 2017, University of Bonn.

## TEACHING

---

**Science and Society II.** Seminar in the M.A. “Gesellschaft, Globalisierung, Entwicklung” at the University of Bonn, Winter Term 2020.

**Science and Society I.** Seminar in the M.A. “Gesellschaft, Globalisierung, Entwicklung” at the University of Bonn, Summer Term 2020.

**Die Experten der Gesellschaft. Struktur, Genese und Zerfall von Expertengemeinschaften in der Weltgesellschaft.** Seminar in the B.A. „Politics and Society”, at the University of Bonn, Winter Term 2019/20.

**Ökologische Herausforderungen: Wissen, Macht und Geld in der Bearbeitung gesellschaftlicher Großprobleme.** Seminar in the B.A. „Politics and Society”, at the University of Bonn, Summer Term 2019.

**What’s the Point of Science? Struktur und gesellschaftliche Einbettung moderner Wissenschaft.** Seminar in the B.A. “Politics and Society” at the University of Bonn, Winter Term 2018/2019.

**Die Probleme der Gesellschaft. Große gesellschaftliche Herausforderungen als neue Form der Differenzierung in der Spätmoderne.** Seminar in the M.A. “Gesellschaft, Globalisierung, Entwicklung” at the University of Bonn, Winter Term 2018/2019.

**Verwissenschaftlichte Politik? Zur politischen Funktion wissenschaftlicher Expertise.** Seminar in the B.A. “Politics and Society” at the University of Bonn, Summer Term 2016.

## AWARDS

---

**2019**            **First Prize (12,000 €) awarded by the Austrian Academy of Sciences**  
Essay competition (*Can the Social Relevance of Research be Evaluated and, if so, how?*), together with Julian Hamann and David Kaldewey.

**2014**            **Alumni-Preis 2014**  
For outstanding achievements in the Master-Studies of Sociology, awarded by Max-Weber-Institute for Sociology, University of Heidelberg.

## EXTERNAL FUNDS AND GRANTS

---

### **DAAD Gast-Lehrstuhl 2021-2023.**

Funds granted for the establishment of a DAAD Gast-Lehrstuhl with the denomination “Internationalisierung von Hochschulen im Horizont globaler Krisen” at the University of Bonn, together with David Kaldewey and Lena Laube.

### **NIAS-Lorentz Workshop 2020 (25,000€).**

Funds granted by the Netherlands Institute for Advanced Studies (NIAS) and the Lorentz Center (Leiden) to organize a scientific workshop on “The Politics of Climate Engineering: Arenas, Actors, Timescales”, together with Ina Möller.

**KNAW Early Career Partnership 2020 (10.000€).**

Funds granted by the Dutch Royal Academy of Science (KNAW) to organize a scientific workshop on “The Politics of Climate Engineering: Arenas, Actors, Timescales”, together with Ina Möller.

**International Summer School on Higher Education Research and Science Studies 2018.**

Funds granted by the German Federal Ministry for Education and Research; organized together with David Kaldewey and Berit Stoppa.

**Fulbright Scholarship 2016/17.**

Scholarship for a research visit at the *Cooperative Institute for Research in the Environmental Sciences* (CIRES) at the University of Colorado, Boulder (USA) and field studies at NOAA and NCAR.

**PROFESSIONAL MEMBERSHIPS AND NETWORKS**

---

- Since 2020** Founding member of the Working Group Historical Sociology within the German Sociological Association
- Since 2020** Member of the Climate Social Science Network (based at Brown University)
- Since 2019** Fellow at the “Young ZiF”, University of Bielefeld
- Since 2018** Member of the German Sociological Association
- Since 2018** Member of the Society for Social Studies of Science (USA)

**PROFESSIONAL REFERENCES**

---

**Prof. Dr. Rudolf Stichweh:** Dahrendorf Professor for the Theory of Modern Society, FIW, University of Bonn.

**Prof. Dr. David Kaldewey:** Professor for Science Studies and Politics, FIW, University of Bonn.

**Prof. Dr. Jim Fleming:** Charles A. Dana Professor of Science, Technology, and Society; Colby College, Maine, USA.