

Julia Schubert

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RESEARCH INTERESTS

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

SHORT BIOGRAPHY

Julia Schubert is a sociologist, exploring interrelations between science and politics. She examines how scientific expertise shapes political realities and how political realities, in turn, determine scientific research topics, cultures, and methods. Julia holds a PhD from the University of Bonn (*summa cum laude*, supervision by Rudolf Stichweh and David Kaldewey).

Julia is currently a postdoctoral researcher at Speyer University, as well as a junior fellow at Bielefeld University's Institute for Advanced Study (ZiF) and a member of Brown University's Climate Social Science Network (CSSN). As a Fulbright Scholar, she conducted field research at the *CIRES Center for Science and Technology Policy Research* at the University of Colorado, Boulder.

EDUCATION

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| 2019 | Ph.D. Sociology (<i>summa cum laude</i>)
Rheinische Friedrich-Wilhelms-Universität Bonn
Supervision: Prof. Dr. Rudolf Stichweh, Prof. Dr. David Kaldewey
Defended April 2019 |
| 2013 | M.A. Sociology
Ruprecht-Karls-Universität, Heidelberg Germany |
| 2010 | B.A. Social Sciences
Philipps-Universität, Marburg Germany |
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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”**
Center for Interdisciplinary Research, 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 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. (2021): [*Engineering the Climate. Science, Politics, and Visions of Control*](#). 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, Urs/ Dorit Müller (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, Sabine/ Sascha Dickel (Eds.): *TechnoScienceSociety*. Sociology of the Sciences Yearbook.

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

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.

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.

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.

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.

INVITED TALKS (SELECTION)

- 2021** State-Science Relations and the Rise of Climate Engineering. Geographies of Knowledge Lunchtime Series, University of Cambridge, February 2021.
- 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 a DAAD Gast-Lehrstuhl with the denomination “Internationalisierung von Hochschulen im Horizont globaler Krisen”, 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.

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

Fulbright Scholarship 2016/17.

PROFESSIONAL MEMBERSHIPS AND NETWORKS

- Since 2021** Visiting Fellow at FIW, University of Bonn
- Since 2020** Founding member of the Working Group Historical Sociology (German Sociological Association)
- Since 2020** Member of the Climate Social Science Network (CSSN), 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.