

Achim Edelmann

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APPOINTMENTS

- 2019 - **Visiting Fellow, Department of Sociology, London School of Economics & Political Science**
2018 - 2019 **Visiting Fellow, Department of Methodology, London School of Economics & Political Science**
2015 - **Assistant Professor, Institute of Sociology, University of Bern**

EDUCATION AND TRAINING

- 2019 **Habilitation (Venia Legendi for Sociology), University of Bern**
Thesis: "Structure and Culture: Computational and Formal Approaches."
2013 - 2015 **Postdoctoral Trainee, Duke University**
2013 **PhD Sociology, University of Cambridge, King's College**
2007 **MSc Social Anthropology, London School of Economics and Political Science (Distinction)**
2006 **Dipl. Sociology, University of Munich (Best of Year)**

PUBLICATIONS (* denotes corresponding author)

- Achim Edelmann**. 2018. "Formalizing Symbolic Boundaries." *Poetics* 68, 120-130.
Achim Edelmann. 2018. "Culturally Meaningful Networks: On the Transition from Military to Civilian Life." *Theory and Society* 47(3), 327-380.
Achim Edelmann* and John Mohr. 2018. "Formal Studies of Culture: Issues, Challenges, and Trends." *Poetics* 68, 1-9.
Achim Edelmann. 2018. "The Contribution of John Mohr's 'Measuring Meaning Structures'." In: Boris Holzer and Christian Stegbauer (eds) *Schlüsselwerke der Netzwerkforschung*. Springer. 419-427.
Achim Edelmann*, James Moody and Ryan Light. 2017. "When Scientists Take a Stance on Contentious Issues: Disparate Foundations of Scientists' Policy Positions on Contentious Biomedical Research." *Proceedings of the National Academy of Sciences* 114(24), 6262-6267.
Shaun Kellogg* and **Achim Edelmann**. 2015. "Massively Open Online Course for Educators (MOOC-Ed) Network Dataset." *British Journal of Educational Technology* 46(5), 977-983.
Achim Edelmann* and Stephen Vaisey. 2014. "Cultural Resources and Cultural Distinction in Networks." *Poetics* 46, 22-37.
Stuart R. Borrett*, James Moody, and **Achim Edelmann**. 2014. "The Rise of Network Ecology: Maps of the Topic Diversity and Scientific Collaboration." *Ecological Modelling* 293, 111-127.

UNDER REVIEW

- Achim Edelmann**, Tom Wolff, Danielle Montagne, and Christopher Bail. "Computational Social Sciences: An Overview of the Field." (scheduled to appear in *Annual Review of Sociology* 46, 2020)
Achim Edelmann. "Boundary Breaching and Adolescent Drinking: Observational Evidence that Symbolic Boundaries Moderate Social Influence." (revise and resubmit)

FELLOWSHIPS, AWARDS, AND GRANTS (SELECTION)

2018	Fellowship, Department of Methodology, London School of Economics and Political Science
2016-2019	Research Grants, IMG Foundation & Swiss Academy of Humanities and Social Sciences (€15,500)
2017-2018	Initiator Grants and Early Career Promotion, University of Bern (€22,000)
2016	International Workshop Grant, Swiss National Science Foundation (€25,000)
2016	Fund for the Promotion of Excellent Young Researchers, University of Bern (€4,000)
2016	Data Investment Grants, University of Bern & F.A.Z.I.T. Foundation (€8,000)
2016	Scientific Event Grants, Fondation Johanna Dürmüller-Bol & Burgergemeinde Bern (€6,500)
2007-2012	Doctoral Fellowship for Excellency, German National Academic Foundation (€45,000)
2008-2011	Fee Awards for Excellency, Cambridge European Trust (€20,500)
2008-2009	Anglo-California Foundation Scholarship, University of California at Berkeley (€10,000)

SERVICE

University of Bern

2015- Junior Faculty Association

Duke University

2015-2013 Co-organiser, Culture and Cognition Workshop, Department of Sociology

2015-2013 Student/Faculty Advisor on Design and Implementation of Quantitative and Qualitative Network Research, Social Science Research Institute

2015-2013 Convener, Duke Network Analysis Center interdisciplinary seminar series on network science

University of Cambridge

2010 Admission Officer, Selection Committee for “Politics, Psychology, Sociology” Tripos

2010-2008 Graduate Representative, College Council and Governing Body, King’s College, Cambridge

2008-2007 International Officer, Graduate Student Society, King’s College, Cambridge

American Sociological Association

2016 Coordinator, Theory Section’s Roundtable Session for the 2016 Annual Meeting

Reviewer American Sociological Review, American Journal of Sociology, Theory and Society, Social Networks, Poetics, Social Currents, Journal of Social Structure, Socius, Swiss National Science Foundation, and European Research Council

PRESENTATIONS

- “Migrants in the Media—a Computational Approach to Analyze Public Discourse.” Invited presentation, Network Models of Culture and Discourse, POLNET+ Summer School, University of **Konstanz, 2019**
- “Advancing an Understanding the Role of Symbolic Boundaries in Social Life.” Invited presentation, Faculty of Business, Economics and Social Sciences, University of **Bern, 2019**
- “Computational Tools for the Social Sciences.” Invited presentation, Center for Social Data Science, University of Copenhagen, **Copenhagen, 2019**
- “When Scientists Take a Stand.” Invited presentation, Department of Methodology, London School of Economics and Political Science, **London, 2019**
- “Cultural Classifications as Moderates of Social Influence.” Invited presentation, Center for Advanced Studies, Institute for Analytical Sociology, **Norrköping, 2018**
- “Networks, Culture, and Action.” Invited workshop presentation, Institute of Sociology and Social Psychology, University of **Cologne, 2018**
- “What Keeps Scientists from Engaging in Public Policy Debates?” Annual Meeting of the American Sociological Association, **Philadelphia, PA, 2018**

- “Computational Approaches to Analyzing Interview Data.” Invited presentation, Forschungskolloquium „Computer, Daten und Gesellschaft,” Arbeitsgruppen Allgemeine Soziologie, Makrosoziologie und Empirische Soziologie, University of **Konstanz, 2018**
- “Using Computational Tools to Uncover Structure and Status in Academic Fields and Public Debates.” Invited tandem lecture, Center for Advanced Studies, Quantitative Network Science, **Munich, 2017**
- “Formalizing Symbolic Boundaries and Conjectures on Social Diffusion in Blau-Space,” **Bern, 2016**
- “Symbolic Boundaries and Peer Influence on Alcohol Use.” Annual Meeting of the American Sociological Association, **Seattle, WA, 2016**
- “Measurement in the Social Sciences: Phenomena, Concept, and Operationalization.” Department of Sociology, University of **Cambridge, 2012**

WORKSHOPS / CONFERENCES ORGANIZED

- Program committee of the 3rd European Symposium on Societal Challenges in Computational Social Science: *Polarization and Radicalization*, **Zurich, Switzerland, 2019**
- Organizer and convener of the workshop “*Formalizing Culture*” with contributions from O. Lizardo, P. Bearman, R. Breiger, J. Foster, F. Goddard, M. Lee, J-L. Martin, J. Mohr, R. Sotoudeh, S. Vaisey, R. Wagner-Pacifici, **University of Bern, 2016**
- Organizer and convener of the *Duke Network Analysis Center Seminar Series* hosting nationally and internationally renowned scholars of network science, **Duke University, 2013-2015**
- Organizer and convener of the *Cultural Sociology Seminar Series*, Institute of Sociology, **Duke University, 2013-2015**
- Co-organizer of *Social Networks and Health Workshop* of the Social Science Research Institute, **Duke University, 2014**
- Organizer and convener of the *Measurement in the Social Sciences Seminar Series*, Department of Sociology, **University of Cambridge, 2012**

TRAINING PROGRAMMES ORGANIZED

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| 2019 | Computational Social Science—Accessing and Using Digital Data and Technologies, University of Bern |
| 2015-14 | “Social Network Analysis,” Duke Network Analysis Center |

TEACHING (evaluations available)

University of Bern

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| 2019 (SS) | Introduction to Computational Social Science (block seminar planned for July/August) |
| 2019 (SS) | Field Theories (graduate seminar) |
| 2016-2019 | Modern Social Theory (lecture) |
| 2015-2019 | Classical Social Theory (lecture) |
| 2017 (WS) | Operationalizing Culture (undergraduate and graduate seminar) |
| 2017 (SS) | Pierre Bourdieu—an Introduction (undergraduate seminar) |
| 2016 (WS) | The “Usefulness” of a Bourdieuan Perspective for Understanding Social Life (graduate seminar) |
| 2016 (SS) | Approaches to Culture (undergraduate and graduate seminar) |
| 2015 (WS) | Networks, Culture, and Cognition (graduate seminar) |

Duke University

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| 2013-2015 | Social Network Analysis |
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University of Cambridge

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| 2011 | Social Research Practice, MPhil Modern Societies and Global Transformations (graduate seminar) |
| 2009-2010 | Politics, Psychology, and Sociology Tripos, Part I, Introduction to Sociology (supervisions) |
| 2008-2009 | Politics, Psychology, and Sociology Tripos, Part IIA, Social Theory (supervisions) |

SUPERVISIONS

2016-2019 Several BA and MA students

2013-2015 At the Duke Network Analysis Center, I consulted and mentored about a dozen students and faculty in the design and conduct of network research projects, involving teams of up to 4 people.

2008-2011 I supervised a total of 22 students on Part I and IIA of the Politics, Psychology, and Sociology Tripos at the Department of Sociology, University of Cambridge.

PROFESSIONAL AFFILIATIONS

American Sociological Association (Economic Sociology, Sociology of Culture, Mathematical Sociology, Methodology), British Sociological Association, International Network for Social Network Analysis, German National Science Foundation, German Sociological Association, Swiss Sociological Association

COMPUTATIONAL SKILLS

- *R* (network and textual analysis, web-scraping, API usage; advanced)
- *Stata* (regression approaches; advanced)
- *SIENA*, *ERGMs*, *UCINET*, *Pajek* (network analysis and visualisation; advanced)
- *SQL*, *PostgreSQL* (relational database and server management; advanced)
- *Cloud Computing* (advanced)
- *Unix Server Administration*, *High Performance Cluster usage*, *Perl regular expressions* (advanced)
- *Python* (basics)

OPEN-ACCESS

Dataset #doi:10.7910/DVN/ZZH3UB (Harvard Dataverse)