

## CURRICULUM VITAE

March 2018

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### Current academic positions

- 2010– Senior Lecturer, Department of Sociology, Stockholm University
- 2017–2020 Director of Research (*forskningsledare*) (part time), Stockholm Center for Organizational Research (SCORE)

### Previous academic positions

- 2016, fall Researcher (part time), Institute for Future Studies
- 2013–2015 Research Fellow, Stockholm Centre for Organizational Research (SCORE)
- 2006–2009 Post-doctoral Fellow (*forskarassistent*), Swedish Research Council, Department of Sociology, Stockholm University
- 2001–2005 Doctoral student, Department of Sociology, Stockholm University
- 2001 Research assistant, Stockholm Centre for Organizational Research (SCORE)

### Education and academic titles

- Associate professor (*docent*) (sociology), Stockholm University, 2010
- Phil. Dr (sociology) Stockholm University, 2005
- B. Arts (sociology) Stockholm University, 2000

### Publications

#### *Books*

Sundberg, M. (2015) *A Sociology of the Total Organization: Atomistic Unity in the French Foreign Legion*. Farnham: Ashgate/Gover.

Sundberg, M. (2005) *Making Meteorology: Social Relations and Scientific Practice*. Acta Universitatis Stockholmiensis, Stockholm Studies in Sociology New Series 25.

#### *Articles*

Sundberg, M. (2012) “Creating Convincing Simulations in Astrophysics”, *Science, Technology and Human Values* 37 (1).

Sundberg, M. (2011) "The Dynamics of Coordinated Comparisons: How Simulationists in Astrophysics, Oceanography and Meteorology create Standards for Results", *Social Studies of Science*, 41 (1).

Sundberg, M. (2010) "Cultures of Simulations vs. Cultures of Calculations? The Development of Simulation Practices in Meteorology and Astrophysics", *Studies in History and Philosophy of Modern Physics* 41 (3).

Sundberg, M. (2010) "Organizing Simulation Code Collectives" *Science Studies*, 23 (1).

Sundberg, M. (2009) "The Everyday World of Simulation Modelling: The Construction of Parameterizations in Meteorology", *Science, Technology and Human Values*, 34 (2).

Sundberg, M. (2007) "Mobilizing Networks. Researcher Roles in Atmospheric Science", *Acta Sociologica* 50 (3).

Sundberg, M. (2007) "Parameterizations as Boundary Objects on the Climate Arena", *Social Studies of Science* 37 (3).

Sundberg, M. (2006) "Credulous Modellers and Suspicious Experimentalists? Comparison of Model Output and Data in Meteorological Simulation Modelling" *Science Studies*, 19 (1).

### **Book chapters, reports**

Sundberg, M. (2016) "Idén om striden och dess roll inom franska Främlingslegionen – ett svenskt perspektiv" in Edling, C. and Rostami, A. (eds) *Våld som relation och organisation*. Lund: Studentlitteratur.

Sundberg, M. (2015) "Hierarchy, Status and Combat Motivation in the French Foreign Legion" in King, A. (ed.) *Frontline: Combat and Cohesion in Iraq and Afghanistan*. Oxford: Oxford University Press.

Sundberg, M. (2015) "Jens Lapidus: Partiell organisation och tillit" in Edling, C. & Rydgren, J. (eds) *Sociologi genom litteratur*. Arkiv Förlag.

Sundberg, M. (2008) Socialization into Numerical Simulations: The Perspectives of Simulationists in Astrophysics and Oceanography. Department of Sociology Working Paper Series. 2008:14.

Ahrne, G. & Sundberg, M. (2007) "Hur är vänskap möjlig?" in Carleheden, M., Lidskog, R., Roman, C. (eds) *Social interaktion – förutsättningar och former*. Malmö: Liber.

Sundberg, M. (2006) "Scientific Models and Simulations" in Ritzer, G. (ed.) *Blackwell Encyclopedia of Sociology*. Blackwell.

Sundberg, M. (2006) "Translating Climate Research – The Role of IPCC" in Towards Robust European Air Pollution Policies: Constraints and Prospects for a Wider Dialogue between Scientists, Experts, Decision-makers and Citizens. A Workshop Report. IVL report B1671.

Sundberg, M. (2004) "Reglering av jordbrukets miljöeffekter" in Ahrne, G. & Brunsson, N. (red) *Regelexplosionen*. Stockholm: EFI.

Sundberg, M. (2002) "Sida vid sida. Ny och gammal reglering av jordbruk och miljö", SCORE Working papers 2002:6.

## ***Popular science***

Sundberg, M. (2011) "Så skapar forskarna trovärdighet för sina modeller", *Tvärsnitt*, 3–4

## ***Work in progress***

"Brotherhood as a social relationship". Forthcoming in Ahrne, G. and Brunsson, N. (eds) (2019) *More or less organization*. Cambridge University Press.

"Work practices and power dynamics in monasteries. The meaning of obedience in a voluntary total institution". Manuscript in preparation.

"The politics of monastic life: Decision-making procedures and opportunities for voice in a voluntary total institution". Manuscript in preparation for workshop on Exit, Voice and Loyalty: Alternative Economic Models and Responses to Decline in Contemporary Society, May 2018.

## **Presentations**

### ***Conference presentations***

Division of labor in monasteries. Obedience in a voluntary total institution, Sociologidagarna, Lund, March 2018.

Ideas of combat in the French Foreign Legion, Criminology Symposium, Stockholm, June 2016

Surveillance and Prejudice in the French Foreign Legion, British Sociological Association, Leeds, April 2014

Social Relations and Everyday Life in the French Foreign Legion - The Power Dimension, Frontline: Combat and Cohesion in Iraq and Afghanistan, Oxford, March 2013 (invited)

Reflections on the Structural Dynamics of Climate Modeling, Climate Change in Social Sciences, National Hellenic Research Foundation, Athens, January 2012 (invited)

The Economy and Climate as Objects of Interdisciplinary Modeling, ESF Workshop Exploring Epistemic Shifts in Computer Based Environmental Sciences, Aarhus University, June 2010 (invited)

Organizing Simulation Code Collectives, Biennial meeting for Society for Social Studies of Science, Washington DC, October 2009

Exploring and Accounting for Unexpected Results. How Modelers come to believe in their Simulations, Biennial Conference of the Society for Philosophy of Science in Practice, University of Minnesota, Minneapolis, June 2009

Exploring Simulation Models: Numerical Experiments and Virtual Worlds, Swiss Science and Technology Studies Meeting, ETH Zürich and University of Zürich, February 2008

The Dynamics of Collaborative Comparisons: Questions of Replication, Expectation and Field-Formation in Simulation-based Research, European Association for Science and Technology Studies and Society for Social Studies of Science, Erasmus University, Rotterdam, August 2008

Simulated models and virtual worlds, Annual Meeting of the Network for Science and Technology Studies in Sweden, Umeå University, November 2006

Materializing Models: The Construction of Parameterizations, European Association for Science and Technology Studies, University of Lausanne, August 2006

The Politics of Simulation Modeling, The Technologies of Nature-Politics, Oslo University, February 2006

The Politics of Simulation Modeling, Annual meeting of the Swedish Sociological Association, Södertörn University, Stockholm, January 2006

Translations and Boundary Objects in the Climate Arena - The Case of Meteorological Research, Nordic Environmental Social Science Research Conference, Gothenburg University, June 2005

Translations and Boundary Objects in Meteorological Research Practice, European Association for Science and Technology Studies and Society for Social Studies of Science, École de Mines, Paris, August 2004

The Relationship between Social Worlds of Atmospheric Research on the Climate Arena, Annual meeting of the Swedish Sociological Association, Stockholm University, January 2004

### *Invited lectures and seminar presentations*

Franska Främlingslegionen idag – Ett organisations sociologiskt perspektiv [French Foreign Legion today –An organizational sociological perspective], Militärhistoriska seminarier, Swedish Defence College, December 2015

A Sociology of the Total Organization: Atomistic Unity in the French Foreign Legion, School of Social Sciences, Södertörn University, November 2015

The Dynamics of Organization, Institution, and Networks, The Organization Seminar Series, Department of Business Studies, Uppsala University, October 2014

Atomistic Unity in the French Foreign Legion - Enforcement and Exclusion, Department of Sociology, Uppsala University, March 2014

Rank, Status and Mafias - Power in the French Foreign Legion, Department of Sociology, Lund University, October 2013

Investigating Social Practices in Science: The Case of Numerical Simulations, Centre for Water and Environmental Studies, Linköping University, November 2012

The Future of Sociology, Panel member, Annual Meeting of the Swedish Sociological Association, Stockholm University, March 2012

Numerical Simulations as Social Practice, Department of Organic Chemistry, Stockholm University, April 2011

Numerical Simulations as Social Practice, Centre for Science Studies, Aarhus University, February 2011

Prediction, Performativity, and Circulation: Meteorology meets Economics, Institute of Health Policy and Management, Erasmus University, Rotterdam, February 2010

Mot en sociologisk förståelse av numeriska simuleringar som vetenskaplig praktik [Towards a sociological understanding of numerical simulations as scientific practice], Department of Thematic Studies, Technology and Social Change, Linköping University, October 2008

Boundary objects and Social Change—A Social World Perspective, Seminar, Section for Theory of Science, Gothenburg University, May 2007.

Circulating Reference in Simulation Modeling, STS Seminar, Section of Science and Technology Studies, Gothenburg University, December 2004.

### ***Other presentations***

Sociala relationer inom stängda miljöer—bland munkar, nunnor och främlingslegionärer [Social relations within closed settings—among monks, nuns and legionnaires], Vänskapssymposium, Institute for Future Studies, October 2015

A Sociology of the Total Organization: Atomistic Unity in the French Foreign Legion, Book release seminar, SCORE, September 2015

Organizing Code Collectives, Pencil Code User Meeting, Max Planck institute for Astronomy, Heidelberg, August 2009

Code Comparison Projects – A Sociological View, Pencil Code User Meeting, Alba Nova, Stockholm University, August 2007

### **Research grants and scholarships**

#### ***As principal investigator***

Organizing Monastic Life: Towards a Theory of Fraternal Relations, Swedish Research Council (2017, 1 434 000 SEK)

Social Relations within a Total and Greedy Institution: Brotherhood among French Foreign Legionnaires, Swedish Research Council (2012, 1 725 000 SEK)

Simulated Models and Virtual Worlds: Towards a Sociological Understanding of Simulation Modeling as Scientific Practice, Swedish Research Council (2007, 3 312 000 SEK)

Materialized Models and Virtual Worlds: A Sociological Study of Scientific Simulation Practice, Swedish Research Council (2006, 1 164 000 SEK)

Materialized Models and Virtual worlds: A Sociological Study of Scientific Simulation Practice, Anna Ahlström and Ellen Terserus' Foundation (2006, 360 000 SEK)

#### ***As co-applicant***

Violent organization and antisocial careers, Swedish Civil Contingencies Agency, PI Christofer Edling (2016, 15 000 000 SEK)

#### ***Other***

Travel grant from The Lars Hierta Memorial Foundation for fieldwork (2016, 30 000 SEK)

Co-applicant for Deutsche Forschungsgemeinschaft Netzwerk "Atmosphere and Algorithms" (Main applicant Gabriele Gramelsberger, Freie Universität Berlin) (2010)

Co-applicant for European Science Foundation Exploratory Workshop "Exploring Epistemic Shifts in Computer-Based Environmental Sciences" (Main applicants Matthias Heymann, Aarhus University and Gabriele Gramelsberger, Freie Universität Berlin) (2010)

Travel grant from the Kurt and Alice Wallenberg Foundation for visiting Swiss Science and Technology Studies Meeting (2008)

***Visiting scholar***

Department of Thematic Studies, Technology and Social Change, Linköping University, October 2008

**Teaching experience**

***Undergraduate level***

Head instructor of Qualitative Analysis (III), Department of Sociology, Stockholm University, 2016 –

Seminar instructor on Qualitative Analysis (III), Department of Sociology, Stockholm University, 2012–2014

Head instructor of Sociological Methods (I), Department of Sociology, Stockholm University, 2010–2014, 2016–

Head instructor of Sociological Theory (II), Department of Sociology, Stockholm University, 2008–2011

Lecturer, seminar instructor, and examiner on Qualitative Analysis (II), Department of Sociology, Stockholm University, 2003–2005

Seminar instructor on Interaction, Individual and Society (I), Department of Sociology, Stockholm University, 2007–2008

Seminar instructor and examiner on Environment, Individual and Society (I), Stockholm Resilience Centre, Stockholm University, 2003

Supervision of 5 Bachelor theses, Department of Sociology, Stockholm University

Examiner of 30 Bachelor theses, Department of Sociology, Stockholm University

***Graduate level***

Head instructor of Research methods – Master's thesis proposal, Department of Sociology, Stockholm University, spring 2016

Lecturer in Advanced Qualitative Methods, Department of Sociology, Stockholm University, 2006 –

Lecturer in International Governance of Natural Resource Management, Stockholm Resilience Centre, Stockholm University, 2006

Supervision of 4 Master's theses, Department of Sociology, Stockholm University

Examiner of 7 Master's theses, Department of Sociology, Stockholm University

Main advisor of Pierre Nikolov, Department of Sociology, Stockholm University 2012–2015

Second advisor of Rebecca Ye, Department of Sociology, Stockholm University 2013–

Second advisor of Katharina Winter, Centre for Social Research on Alcohol and Drugs, Stockholm University 2013–

**Professional service**

Member of Board (faculty representative), Department of Sociology, 2018–2020

Coordinator for SCORE seminar, SCORE, fall 2017–spring 2018

Founder and coordinator, together with Vanessa Barker, of the Qualitative Working Group, Department of Sociology, Stockholm, 2014–

Coordinator for the Wednesday Seminar at the Department of Sociology, Stockholm University 2008–2010

Director of Postgraduate studies, Department of Sociology, Stockholm University 2006–2007

Founder of the Swedish Network for Science and Technology Studies, together with Claes-Fredrik Helgesson and Tora Holmberg, 2006

### ***Review work***

Member of evaluation panel for International Post-docs, Swedish Research Council, spring 2018

External expert for position as senior lecturer at the Department of Social Sciences, Mid Sweden University, spring 2016

Member of doctoral recruitment committee for the doctoral program at the Department of Sociology, spring 2016

Member (co-opted) of the evaluation panel for Sociology and Anthropology, Swedish Research Council, 2014

Reviewer for *Social Studies of Science*, *Science Technology and Human Values*, *Science Studies*, *Sociology Compass*, *Science Education*, *Perspectives on Science*, *Scandinavian Journal of Public Administration*, *Synthese*, Routledge, SAGE, Swedish Research Council, Wiener Wissenschafts-, Forschungs- und Technologiefunds

### ***PhD examination committees***

Anna Maria Lagrelius, Business Administration, Stockholm School of Economics, June 2017

Tove Sohlberg, Sociology, Stockholm University, December 2014

Carl Sandberg, Sociology, Stockholm University, October 2014

Idris Ahmedi, Political Science, Stockholm University, 2012

Kristina Lindh, Business Administration, Stockholm University, June 2011

### ***PhD seminar commentator***

Final seminar commentator for Alejandro Leiva Wenger, Department of Sociology, Stockholm University, January 2018

Final seminar commentator for Edvin Sandström, Department of Sociology, Uppsala University, August 2017

Mid-seminar commentator for Filip Roumeliotis' doctoral thesis, Department of Sociology, Stockholm University, February 2015

Mid-seminar commentator for Petter Bengtsson's doctoral thesis, Department of Sociology, Stockholm University, March 2013

Mid-seminar commentator for Karin Thoresson's doctoral thesis, Department of Thematic Studies, Technology and Social Change, Linköping University, March 2009

### **Public outreach**

Sociala relationer inom stängda miljöer–bland munkar, nunnor och främlingslegionärer, lecture for highschool class, Stockholm University, October 2017

Sociala relationer inom stängda miljöer–bland munkar, nunnor och främlingslegionärer, lecture for highschool class, Stockholm University, May 2017

Om Främlingslegionen. Podcast Allt du velat veta (popular science), episode 77, February 2017

Legionen. Podcast Militärt med Gyllenhaal (military history), episode 24, January 2017

Blixtar och dunder–bland meteorologerna, Presentation during Forskardagarna, Stockholm University, October 2006

### **Miscellaneous**

Nominated to the Hans Zetterberg prize 2017.

### **Leaves**

Parental leave, February–November 2015, July–September 2016

### **Language proficiency**

Swedish (native), English (fluent), French (very good), German (good).