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SELCAN MUTGAN

- position** PhD Candidate, Institute for Analytical Sociology (IAS), Linköping University, Norrköping, Sweden, 2016–Present
Project Team Member: *SIMSEG- Interdisciplinary research on school segregation*.
Advisor(s): Peter Hedström, Maria Brandén.
- Data management, IAS, Linköping University, 2015–Present
Research Assistant, IAS, Linköping University, 2014–2016
Project Team Member: *SIMSEG- Interdisciplinary research on school segregation*.
PI: Peter Hedström.
- Research Assistant, [Institute for Futures Studies](#), 2014 April–2014 September
Project Team Member: *SIMSEG- Interdisciplinary research on school segregation*.
PI: Peter Hedström.
- visiting position** Visiting Scholar, Stanford University, SCANCOR Fellow, (Planned) Fall 2021
Visiting Scholar, [Interuniversity Center for Social Science Theory and Methodology](#), University of Groningen, 2019 September
- education** M.A., Demography, Multidisciplinary Master's Program in Demography ([SUDA](#)), Stockholm University, Sweden, 2014
M.Phil Courses in Advanced Economics, National and Kapodistrian University of Athens, Doctoral Program in Economics ([UADPhilEcon](#)), Athens, Greece, 2008–2011
B.Sc. Economics, Hacettepe University, Ankara, Turkey, 2008
- extra-curricular** Becoming a Teacher in Higher Education, Didacticum, Linköping University, Fall 2020
Stata Winter School: "Stata Programming", Stockholm, Sweden. February 2019
[Santa Fe Institute](#): Graduate Workshop in Computational Social Science Modeling and Complexity, Santa Fe, NM, U.S.A. June 17-29, 2018
Instructor(s): Scott E. Page and John H. Miller.
- Advanced R-Siena Users' Meeting, in conjunction with EUSN2017, Mainz, Germany. September 2017
Instructor(s): Tom Snijders.
- 9th Winter School on Longitudinal Social Network Analysis, Linköping University, Norrköping, Sweden. February 2017
Instructor(s): Christian Steglich.

Advanced Siena Users' Meeting (AdSUM-2017), Linköping University, Norrköping, Sweden. February 2017

Instructor(s): Tom Snijders and Johan Koskinen.

Stata Summer School: "Longitudinal Data Analysis Using Stata", Stockholm, Sweden. August 2014

Instructor(s): Paul Allison.

publications

Journal articles (peer-reviewed)

Marc Keuschnigg, **Selcan Mutgan**, Peter Hedström. 2019. "Urban scaling and the regional divide." *Science Advances* 5(1), eaav0042.

Book chapters

Peter Hedström, **Selcan Mutgan**. 2019. "Skolsegregation: En Dynamisk Mikro-Makroanalys," in *Segregation: Slutrapport från ett forskningsprogram*, edited by Peter Hedström, Riksbankens Jubileumsfonds Skriftserie: 16.

Peter Hedström, Alex Giménez de La Prada, **Selcan Mutgan**. 2019. "Om Tipping-Processer och Brytpunkter," in *Segregation: Slutrapport från ett forskningsprogram*, edited by Peter Hedström, Riksbankens Jubileumsfonds Skriftserie: 16.

invited talks

"Dynamics of School Segregation: How Opportunities Constrain Preferences"

ETH Zurich, Behavioral Studies Colloquium, Online, May 2021.

"Segregation and Inequality Research using Register Data"

Visualization Center, ITN, Linköping University, Online, January 2021.

"Dynamics of school segregation: Assessing the role of preferences and opportunities."

Sheffield Spatial Analysis Network Webinar Series, Online, October 2020.

"School segregation in Sweden: Applications of Empirically Calibrated Agent-Based Modeling"

IFN ,(Cancelled) April 2020.

"School choice and school segregation: A dynamic micro-macro analysis."

ICS-Groningen, Norms and Networks Cluster Meeting, Groningen, October 2019.

"Generative network modelling of labor market mobility: The case of Stockholm's upper secondary school teachers."

ICS-Groningen, SNA Cluster Meeting, Groningen, October 2019.

- conference and workshop presentations “School closures as a desegregation measure: A systematic evaluation.”
Annual Meeting of the International Network of Analytical Sociologists (INAS), Tokyo. Online, May 2021.
- “Dynamics of school segregation: An empirically calibrated ABM approach.”
The Annual Meeting of the American Sociological Association, San Francisco. Session on Computational Sociology. Online. August 2020.
- “School choice and school segregation: A dynamic micro-macro analysis.”
Annual Meeting of the International Network of Analytical Sociologists (INAS), St.Petersburg. June 2019.
- “School segregation: An empirically grounded ABM approach.”
Annual Symposium, Institute for Analytical Sociology, Norrköping. May 2019.
- “Teachers’ labor market mobility in Sweden.”
Annual Meeting of the International Network of Analytical Sociologists (INAS), Stanford University. June 2018. (with C. Steglich)
Annual Symposium, Institute for Analytical Sociology, Norrköping. May 2018.
- “Teachers’ labor market mobility in Sweden: Traces of the education reforms at the micro level.”
European Conference on Social Networks, Mainz. September 2017.
- “Modelling and analyzing teachers’ labor mobility patterns derived from register data.”
Satellite Workshop Longitudinal R Network Coding -in conjunction with EUSN2017, Mainz. September 2017.
- “School Choice and School Segregation: Micro Mechanisms and Macro Dynamics.”
Annual Meeting of the International Network of Analytical Sociologists (INAS), Oslo. June 2017.
Annual Symposium, Institute for Analytical Sociology, Norrköping. May 2017.
- “Swedish Secondary School Sector and Multilevel Modelling.”
Dynamics of Multilevel Social Network Analysis in Practice, SciencesPo, Centre de Sociologie des Organisations, Paris. February 2017. (with C. Steglich)
- outreach Debate article on school choice and school segregation in Sweden, with Peter Hedström
SvD:“Fria skolvalet driver inte på segregationen,” (8.Jan.2021)
SvD:“Slopät skolval kan öka etnisk uppdelning,” (22.Jan.2021)

Research featured in:

Forbes (Nov.2020); DN (May.2019); sverigesradio (Feb.2019); svt (Feb.2019); Expressen (Feb.2019); Architecture and Design (Jan.2019); Aftonbladet(2019); phys.org (Jan.2019); forskning.se (Jan.2019); EurekAlert-AAAS (Jan.2019)

- supervision** Co-supervisor, MSc in Computational Social Science, Elida Izani Binti Ibrahim, 2020
- membership** American Sociological Association
- service** Reviewer: IC²S² (2021) ; Journal of Comparative Economics (2020); European Social Simulation Conference (2018, 2019)
 Organization Committee Member, Conference on Causal Inference and Network Analysis in register-based research, Organized by SIMSAM-MEB Family Design and SIMSEG, Norrköping, Sweden. October 2016
 Organization Committee Member, 3rd and 4th International PhD Conference in Economics in Memory of Vassilis Patsatzis, University of Athens, Athens, Greece. 2010 and 2011
- research grants** School choices, residential mobility, and the (re)production of school segregation
 Swedish Research Council (VR); 2020-02488; 4 268 000 SEK
 PI: Maria Brandén.
 Period: 2021-2024
 Visiting researcher, Stanford University
 Handelsbanken: Jan Wallander and Tom Hedelius Foundation, and Tore Browaldh Foundation;
 Fh20-0002 ; 114 000 SEK
 PI: Selcan Mutgan
 Period: 2021
- other grants & awards** Internationalization grant from IEI, Linköping University,
 Visiting researcher, Stanford University, 2020-00644: 50 000 SEK
 Travel grants from Vitterhetsakademien
 To join ASA Yearly Meeting in San Francisco 2020: 22 000 SEK
 Travel grants for young researchers from the Knut and Alice Wallenberg Jubileumsfond
 To join INAS 2018 at Stanford University: 15 000 SEK
 Scholarship for doctoral students, The Greek State Scholarship Foundation (IKY)
 2009-2011
 Grant for MPhil Students, UADPhilEcon, Athens, Greece
 2008-2009
- language** Turkish (native), English (fluent)