




Institute for Analytical Sociology,  
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Linköping University,  
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## SELCAN MUTGAN

### academic positions

Visiting Scholar, Stanford University, [SCANCOR](#), Spring 2022  
Postdoc, Institute for Analytical Sociology (IAS), Linköping University,  
Norrköping, Sweden, 2022–Present  
Visiting Scholar, [Interuniversity Center for Social Science Theory and  
Methodology](#), University of Groningen, Fall 2019  
Data Management, IAS, Linköping University, 2015–2021  
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  
Project Team Member: *SIMSEG- Interdisciplinary research on school segregation*.  
PI: Peter Hedström.

### education

PhD, Analytical Sociology, Institute for Analytical Sociology (IAS),  
Linköping University, Sweden, 2016–2021  
  
*Dissertation*: “Free to Choose? Studies of Opportunity Constraints and the Dynamics of School  
Segregation”  
Advisors: Peter Hedström, Maria Brandén  
  
M.A., Demography, Multidisciplinary Master’s Program in Demography ([SUDA](#)),  
Stockholm University, Sweden  
M.Phil Courses in Advanced Economics, National and Kapodistrian University of Athens,  
Doctoral Program in Economics ([UADPhilEcon](#)), Athens, Greece  
B.Sc. Economics, [Hacettepe University](#), Ankara, Turkey

### extra- curricular

[Santa Fe Institute](#): Graduate Workshop in Computational Social Science Modeling and  
Complexity, Santa Fe, NM, U.S.A. June, 2018  
Instructor(s): Scott E. Page and John H. Miller.  
Featured in alumni spotlight series: [Link](#).  
  
Advanced R-Siena Users’ Meeting, in conjunction with EUSN2017, Mainz, Germany.  
September 2017  
Instructor(s): Tom Snijders.

9<sup>th</sup> 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 Winter School: "Stata Programming", Stockholm, Sweden.

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

Instructor(s): Paul Allison.

## publications

### *Journal articles (peer-reviewed)*

**Selcan Mutgan**, Jonathan J. B. Mijs. 2023. "Income Inequality and Residential Segregation in 'Egalitarian' Sweden: Lessons from a Least Likely Case." *Sociological Science*. 10:374-402

**Selcan Mutgan**, Eduardo Tapia. 2023. "Can school closures decrease ethnic school segregation? Evidence from primary and lower secondary schools in Stockholm, Sweden." *Journal of Urban Affairs*, 1-24.

Featured: TV4 Swedish News (2023); sverigesradio P4 (2023); forskning.se (2023); expertsvar.se (2023); dikko.nu(2023); skolporten(2023); aftonkuriren(2023).

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

Featured: Forbes (Nov.2020); DN (May.2019); sverigesradio (Feb.2019); svt (Feb.2019); Expressen (Feb.2019); Architecture and Design (Jan.2019); Aftonbladet(2019).

### *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.

### *Manuscripts in preparation*

**Selcan Mutgan**, Peter Hedström, Martin Arvidsson. "Ethnic Preferences and the School Segregation Process" *Manuscript available upon request*

**Selcan Mutgan**, Christian Steglich, Abiel Sebatu. "School Characteristics, Social Networks, and Teacher Sorting: Evidence from a segmented market" *Manuscript available upon request*

- invited talks  
and  
other  
presentations
- “How do school closures affect school segregation?.”  
Linköping University, Internal Seminars at the Centre for Local Government Studies, April 2023.  
Stanford University, Internal SCANCOR Seminars, May 2022.
- “On the role of preferences and opportunities in segregation processes: The case of ethnic school segregation”  
SUDA Demographic Colloquium, March 2022.  
TU Delft, Department of Urbanism, Online, March 2022.
- “Dynamics of School Segregation: How Opportunities Constrain Preferences”  
Umeå University, Department of Sociology’s Higher Seminars, Online, November 2021.  
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 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
- “Do families move strategically?”  
Annual Symposium, Institute for Analytical Sociology, Norrköping. May 2023.
- “A systematic evaluation of school closures as a desegregation measure.”  
ECSR Annual Conference, Online, October 2021.
- “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:

TV4 Swedish News (2023); sverigesradio P4 (2023); forskning.se (2023); expertsvar.se (2023); dikko.nu(2023); skolporten(2023); aftonkuriren(2023); 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, PhD student at IAS, Anastasia Menshikova

Co-supervisor, MSc thesis in CSS, Oskar Emil Erik Johansson, 2022

Co-supervisor, MSc thesis in CSS, Elida Izani Binti Ibrahim, 2020

membership

American Sociological Association

service

**Reviewer:** Science Advances(2022), ESR(2022, 2023), IC<sup>2</sup>S<sup>2</sup> (2021) ; Journal of Comparative Economics (2020); European Social Simulation Conference (2018, 2019, 2021, 2022)

**Organizing Seminar Series:** IAS Seminar Series, 2023- , together with Károly Takács

**Editorial Board Member:** [Sociologisk Forskning](#), 2023-2024

**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:** 3<sup>rd</sup> and 4<sup>th</sup> International PhD Conference in Economics in Memory of Vassilis Patsatzis, University of Athens, Athens, Greece. 2010 and 2011

research  
grants

Consequences of educational reforms on school segregation and educational equity in Sweden, Norway and Denmark

FORTE; 2021-01069; 5 994 764 SEK

PI: Erik Rosenqvist.

Period: 2022-2025

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

other  
grants  
& awards

Travel grant from IEI, Linköping University,

Conference travels, 2023: 17 000 SEK

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

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)