

Sven Drefahl

Curriculum Vitae

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Demography Unit
Stockholm University
S-10691 Stockholm, Sweden
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Current Positions

2016

Associate Professor (Docent), University of Stockholm, Demography Unit at the Department of Sociology, Sweden.

2015

Research Affiliate, Karolinska Institutet, Department of Environmental Medicine, Stockholm, Sweden.

2017

Master Program Co-Coordinator, University of Stockholm, Demography Unit at the Department of Sociology, Sweden.

Past Positions

2013

2016

Researcher, University of Stockholm, Demography Unit at the Department of Sociology, Sweden.

2010

2015

Visiting Scholar & Post-Doctoral Fellow, Karolinska Institutet, Department of Environmental Medicine, Stockholm, Sweden.

2009

2013

Research Fellow & Post-Doctoral Fellow, University of Stockholm, Demography Unit at the Department of Sociology, Sweden.

2006

2010

Ph.D. Candidate, Demography, Max Planck Institute for Demographic Research and University of Rostock, Germany.

International Research Visits

2015

Visiting scholar (1 month), Max Planck Institute for Demographic Research, Rostock, Germany.

2011

Visiting scholar (4 months), Vienna Institute of Demography (VID) of the Austrian Academy of Sciences, Vienna, Austria.

2010

Visiting Scholar (2 months), Università degli Studi di Firenze - Dipartimento di Statistica "G. Parenti", Florence, Italy.

Education

2011 **PhD, Demography**, University of Rostock, Germany.

Doctoral Thesis: *Death in the Family*

Supervisors: Prof. James W. Vaupel, Prof. Gabriele Doblhammer

2006 **European Research Master, Demography**, European Doctoral School for Demography, Rostock, Germany.

2005 **Diploma, Demography**, University of Rostock, Germany.

Specialization in Advanced Methods of Data Analysis and Economic Statistics

Diploma Thesis: *The Influence of Season on Survival in Persons Aged 105+ in Germany*

Supervisors: Prof. James W. Vaupel, Prof. Reiner Dinkel

Academic Qualifications

- 2016 **Associate Professor / Docent**, Stockholm University.
- 2015 **Associate Professor**, Italian National Scientific Qualification (art.16 of the law 30 December 2010, n.240).

Publications

Peer-reviewed Journal Articles

- 2017 **Andersson G, Drefahl S**, *Long-distance Migration and Mortality in Sweden: Testing the Salmon Bias and Healthy Migrant Hypotheses*, In: *Population Space and Place*, Vol. 23, no. 4, e2032, DOI: [10.1002/psp.2032](https://doi.org/10.1002/psp.2032).
- 2016 **Lagergren J, Andersson G, Talbäck M, Drefahl S, Bihagen E, Härkönen J, Feychting M, Ljung R**, *Marital status, education, and income in relation to risk of esophageal and gastric cancer by histological type and site*, In: *Cancer*, Vol. 122, no. 2 pp. 207-212, DOI: [10.1002/cncr.29731](https://doi.org/10.1002/cncr.29731).
- 2015 **Karampampa K, Ahlbom A, Michaelsson K, Andersson T, Drefahl S, Modig K**, *Declining incidence trends for hip fractures have not been accompanied by improvements in lifetime risk or post-fracture survival - A nationwide study of the Swedish population 60-years and older*, In: *Bone*, Vol. 78, pp. 55-61, DOI: [10.1016/j.bone.2015.04.032](https://doi.org/10.1016/j.bone.2015.04.032).
- 2014 **Drefahl S, Ahlbom A, Modig K**, *Losing Ground - Swedish Life Expectancy in a Comparative Perspective*, In: *PLOS ONE*, Vol. 9, no. 2, DOI: [10.1371/journal.pone.0088357](https://doi.org/10.1371/journal.pone.0088357).
- De Santis G, Drefahl S, Vignoli D**, *A Period TFR with Covariates for Short-Panel Data*, In: *Population*, Vol. 69, no. 3, pp. 463-476, DOI: [10.3917/popu.1403.0463](https://doi.org/10.3917/popu.1403.0463).
- Donrovich RN, Drefahl S, Koupil I**, *Early life conditions, partnership histories, and mortality risk for Swedish men and women born 1915-1929*, In: *Social Science & Medicine*, DOI: [10.1016/j.socscimed.2014.02.036](https://doi.org/10.1016/j.socscimed.2014.02.036).
- Karampampa K, Andersson T, Drefahl S, Ahlbom A, Modig K**, *Does Improved Survival Lead to a More Fragile Population: Time Trends in Second and Third Hospital Admissions among Men and Women above the Age of 60 in Sweden*, In: *PLOS ONE*, Vol. 9, no. 6, DOI: [10.1371/journal.pone.0099034](https://doi.org/10.1371/journal.pone.0099034).
- Rigattieri S, Sciahbasi A, Drefahl S, Mussino E, Cera M, Di Russo C, Fedele S, Pugliese FR**, *Transradial Access and Radiation Exposure in Diagnostic and Interventional Coronary Procedures*, In: *Journal of Invasive Cardiology*, Vol. 26, no. 9, pp. 469-474.
- 2013 **Ljung R, Drefahl S, Andersson G, Lagergren J**, *Socio-Demographic and Geographical Factors in Esophageal and Gastric Cancer Mortality in Sweden*, In: *PLOS ONE*, Vol. 8, no. 4, DOI: [10.1371/journal.pone.0062067](https://doi.org/10.1371/journal.pone.0062067).
- Modig K, Drefahl S, Ahlbom A**, *Limitless Longevity: Comment on the Contribution of Rectangularization to the Secular Increase of Life Expectancy*, In: *International Journal of Epidemiology*, Vol. 42, no. 3, pp. 914-916, DOI: [10.1093/ije/dyt035](https://doi.org/10.1093/ije/dyt035).

Modig K, Andersson T, Drefahl S, Ahlbom A, *Age-specific Trends in Morbidity, Mortality and Case-fatality from Cardiovascular Disease, Myocardial Infarction and Stroke in Advanced Age: Evaluation in the Swedish Population*, In: *PLOS ONE*, Vol. 8, no. 5, DOI: [10.1371/journal.pone.0064928](https://doi.org/10.1371/journal.pone.0064928).

Karampampa K, Drefahl S, Andersson T, Ahlbom A, Modig K, *Trends in Age at First Hospital Admission in Relation to Trends in Life Expectancy in Swedish Men and Women above the Age of 60*, In: *BMJ Open*, Vol. 3, no. 9, DOI: [10.1136/bmjopen-2013-003447](https://doi.org/10.1136/bmjopen-2013-003447).

2012 **Drefahl S, Lundström H, Modig K, Ahlbom A**, *The Era of Centenarians: Mortality of the Oldest Old in Sweden*, In: *Journal of Internal Medicine*, Vol. 272, no. 1, pp. 100-102, DOI: [10.1111/j.1365-2796.2012.02518.x](https://doi.org/10.1111/j.1365-2796.2012.02518.x).

Drefahl S, *Do the Married Really Live Longer? The Role of Cohabitation and Socioeconomic Status*, In: *Journal of Marriage and Family*, Vol. 74, no. 3, pp. 462-475, DOI: [10.1111/j.1741-3737.2012.00968.x](https://doi.org/10.1111/j.1741-3737.2012.00968.x).

Modig K, Drefahl S, Andersson T, Ahlbom A, *The Aging Population in Sweden - Can Declining Incidence Rates in MI, Stroke and Cancer Counterbalance the Future Demographic Challenges?*, In: *European Journal of Epidemiology*, Vol. 27, no. 2, pp. 139-145, DOI: [10.1007/s10654-012-9653-2](https://doi.org/10.1007/s10654-012-9653-2).

Vignoli D, Drefahl S, De Santis G, *Whose Job Instability Affects the Likelihood of Becoming a Parent in Italy? A Tale of Two Partners*, In: *Demographic Research*, Vol. 26, no. 2, pp. 41-62, DOI: [10.4054/DemRes.2012.26.2](https://doi.org/10.4054/DemRes.2012.26.2).

2010 **Drefahl S**, *How Does the Age Gap Between Partners Affect their Survival?*, In: *Demography*, Vol. 47, no. 2, pp. 313-326, DOI: [10.1353/dem.0.0106](https://doi.org/10.1353/dem.0.0106).

Ahlbom A, Drefahl S, Lundström H, *Den åldrande befolkningen (The Aging Population)*, In: *Läkartidningen (Journal of the Swedish Medical Association)*, Vol. 107, no. 48, pp. 3048-3051, Available online: <http://www.lakartidningen.se/07engine.php?articleId=15497>.

Award for the best article of the year 2011.

Book Chapters

2017 **Drefahl S, Kolk M, and Turunen J**, *Dodlighet (Mortality)*, In: Duvander AZ, Turunen J, *Demografi*, pp. 67-92, Lund: Studentlitteratur, ISBN: 9789144119038.

2014 **Caselli G, Drefahl S, Wegner-Siegmundt C, and Luy M**, *Future mortality in low-mortality countries*, In: Lutz W, Butz WP, Samir KC, *World Population & Human Capital in the 21st Century*, pp. 226-272, Oxford: Oxford University Press, DOI: [10.1093/acprof:oso/9780198703167.001.0001](https://doi.org/10.1093/acprof:oso/9780198703167.001.0001).

Book Reviews

2016 **Anson J, and Luy M**, *Mortality in an International Perspective*, In: *European Journal of Population*, pp. 1-2,, DOI: [10.1007/s10680-015-9369-6](https://doi.org/10.1007/s10680-015-9369-6).

Working Papers

2016 **Billingsley S, Drefahl S, and Ghilagaber G**, *Diagonal Reference Models in Longitudinal Analyses of Fertility and Mortality*, In: Stockholm Research Reports in Demography, SRRD, 2016:24, Available online: http://www.suda.su.se/SRRD/SRRD_2016_24.pdf.

Other Publications

- 2009 **Drefahl S**, *Ein jüngerer Partner - ein längeres Leben?*, In: *Demografische Forschung aus erster Hand: 2009(1)*, Available online:
<http://www.demografische-forschung.org/archiv/defo0901.pdf>.
- 2005 **Drefahl S**, *The Influence of Season in Persons Aged 105+ in Germany*, Available online:
http://www.demogr.mpg.de/en/projects_publications/publications_1904/monographs/the_influence_of_season_on_survival_in_persons_aged_105_in_germany_2032.htm.

Grants

- 2016 **Ageing Well - Individuals, Families and Households under Changing Demographic Regimes in Sweden (9,000,000 SEK ≈ 917,000 € for 2017-2019)**, *Co-Applicant and Work-Package Head - with Gunnar Andersson (PI) et al.*, Swedish Research Council for Health, Working Life, and Welfare (Forte), Registration number 2016-07115.
- Epidemiologic and demographic methods join forces: Strengthening public health sciences (3,130,000 SEK ≈ 319,000 € for 2017-2019)**, *Co-Applicant with Anders Ahlbom (PI), Karin Modig, and Tomas Andersson*, Swedish Research Council for Health, Working Life, and Welfare (Forte), Registration number 2016-00863.
- Preparing for the future old age population - Can declining disease risks counterbalance the burden on the health care sector? (3,280,000 SEK ≈ 334,000 € for 2017-2019)**, *Co-Applicant with Anders Ahlbom, Karin Modig (PI), and Mats Talbäck*, Swedish Research Council for Health, Working Life, and Welfare (Forte), Registration number 2016-00685.

Presentations (Selection)

- 2017 **Of Leaders and Losers - Old Age Mortality Paradoxes**, *Presented at the Annual Meeting of the Population Association of America 2017*, Chicago, IL, United States.
- All-cause mortality, age at arrival and duration of residence among adult migrants in Sweden**, *Poster presented at the Annual Meeting of the Population Association of America 2017*, Chicago, IL, United States.
- Civil status and mortality in Sweden: the role of same-sex and opposite-sex marriage formation**, *Presented at the 8th Nordic Meeting in Epidemiology and Register-Based Research*, Lund, Sweden.
- Over coverage in population registers and what we can do about it**, *Poster presented at the 8th Nordic Meeting in Epidemiology and Register-Based Research*, Lund, Sweden.
- All-cause mortality, age at arrival and duration of residence among adult migrants in Sweden**, *Presented at the biannual meeting of the Italian Association for Population Studies (Giornate di Studio sulla Popolazione (Popdays 2017))*, Florence, Italy.
- 2016 **Of Leaders and Losers - Old Age Mortality Paradoxes**, *Paper presented at the European Population Conference 2016*, Mainz, Germany.

- 2014 **Age-Heterogeneous Couples and Their Children: Testing the Transmission of Demographic Behaviors**, *Paper presented at the European Population Conference 2014*, Budapest, Hungary.
- Age-Heterogeneous Couples and Their Children: Testing the Transmission of Demographic Behaviors**, *Poster presented at the 79th Annual Meeting of the Population Association of America 2014*, Boston, MA, United States.
- 2013 **Losing Ground - Swedish Life Expectancy in Comparison with Other Countries**, *Paper presented at the 78th Annual Meeting of the Population Association of America 2013*, New Orleans, LA, United States.
- 2012 **Long-Distance Migration and Mortality in Sweden: Testing the Salmon Bias and Healthy Migrant Hypotheses**, *Poster presented at the 77th Annual Meeting of the Population Association of America 2012*, San Francisco, CA, United States.
- TFR with Covariates**, *Paper presented at the European Population Conference 2012*, Stockholm, Sweden.
- Long-distance Migration and Mortality in Sweden: Testing the Salmon Bias and Healthy Migrant Hypotheses**, *Paper presented at the European Population Conference 2012*, Stockholm, Sweden.
- The Era of Centenarians - The Mortality of Swedish Oldest-Old**, *Paper presented at the 21st Nordic Congress of Gerontology*, Copenhagen, Denmark.
- Research with Register Data from Neighboring Countries: Denmark and Sweden**, *Presentation at the National SIMSAM Workshop on Register-Based Research*, Stockholm, Sweden.
- 2011 **The Era of Centenarians - The Mortality of Swedish Oldest-Old**, *Paper presented at the 76th Annual Meeting of the Population Association of America 2011*, Washington, DC, United States.
- Couples' Specific Characteristics and First Birth in Italy**, *Paper presented at the Biannual General Population Meeting organized by the Italian Association for Population Studies*, Ancona, Italy.
- 2010 **Family Characteristics and Mortality: Evidence from Danish Register Data**, *Paper presented at the Workshop on Register-based Demographic Research 2010*, Stockholm, Sweden.
- How Parental Mortality Changes with the Age of the Youngest Child**, *Paper presented at the European Population Conference 2010*, Vienna, Austria.
- The Mortality of the Married and the Cohabiting - The Role of Socioeconomic Status**, *Paper presented at the 17th Nordic Demographic Symposium*, Lund, Sweden.
- Socio-Economic Status Triggers Mortality Differences by Marital Status and Living Arrangement**, *Poster presented at the 75th Annual Meeting of the Population Association of America 2010*, Dallas, TX, United States.

How Does the Age of a Child Affect Parental Mortality?, *Poster presented at the 75rd Annual Meeting of the Population Association of America 2010*, Dallas, TX, United States.

Socio-Economic Status Triggers Mortality Differences by Marital Status and Living Arrangement, *Presented at the Annual Conference of the German Society for Demography in Collaboration with the Italian Association for Population Studies*, Rostock, Germany.

2009 **How Does the Age of a Child Affect Parental Mortality?**, *Poster presented at the XXVII IUSSP International Population Conference*, Marrakech, Morocco.

2008 **Birth Replacement in East and West Germany**, *Presented at the International Conference on the Effects of Migration on Population Structures in Europe*, Vienna Institute of Demography, Vienna, Austria.

How Does the Age Gap Between Partners Affect their Survival?, *Presented at the 73rd Annual Meeting of the Population Association of America 2008*, New Orleans, LA, United States.

How Does the Age Gap Between Partners Affect their Survival?, *Poster presented at the European Population Conference 2008*, Barcelona, Spain.

Invited Presentations

2017 **Population Aging in Sweden: Demographic and Health Trends**, *Lecture for PhD course "Application of Epidemiological Approaches to Aging Research" at the Aging Research Center (ARC)*, Stockholm, Sweden.

Study Design in Demography, *Forté Network Meeting on Methodological issues in register-based research*, Ystad, Sweden.

2011 **Long-distance Migration and Mortality in Sweden: Testing the Salmon Bias and Healthy Migrant Hypotheses**, *Statistics Norway*, Oslo, Norway.

The Era of Centenarians - The Mortality of Swedish Oldest-Old, *Aging Research Center (ARC)*, Stockholm, Sweden.

The Era of Centenarians - The Mortality of Swedish Oldest-Old, *Department of Sociology and Human Geography, University of Oslo*, Norway.

2007 **How Old Can Humans Get?**, *Lecture for the Children's University Rostock*, Germany.

Causes and Consequences of Demographic Change in Mecklenburg-Western Pomerania, *National Board for the Environment and Nature*, Rostock, Germany.

2006 **Causes and Consequences of Demographic Change in Germany**, *Presented at a meeting of the Protestant Academy Mecklenburg-Western Pomerania*, Kühlungsborn, Germany.

Teaching

2018

Quantitative Methods in the Social Sciences 1: Introduction into Regression Analyses, *Organizer*, Advanced Level course at the Sociology Department, Department of Sociology and the Demography Unit, Stockholm University.

2017

Introduction into Quantitative Data Management and Statistics, *Organizer*, 2017: 20 classroom hours, Advanced Level course at the Sociology Department, Department of Sociology and the Demography Unit, Stockholm University.

2017

Systematic Reviews, *Organizer*, 18 classroom hours, Advanced Level course at the Sociology Department, Department of Sociology and the Demography Unit, Stockholm University.

Since 2013

Methods for studying the distribution of health, *Co-Lecturer*, 2017: 8 classroom hours; 2016: 5 classroom hours; 2013 & 2014: 6 classroom hours, Master's Program in Public Health Sciences, Karolinska Institutet, Stockholm.

Taught life table methodology

2012

2017

Advanced Demographic Methods 1: An Introduction to Event-History Analysis, *Co-Organizer*, 19 classroom hours per year, Multi-disciplinary Master's Program in Demography, Department of Sociology and the Demography Unit, Stockholm University.

2012

2016

Advanced Demographic Methods 2: Further Topics and an Empirical Project in Event-History Analysis, *Co-Coordinator with 17 classroom hours per year*, Multi-disciplinary Master's Program in Demography, Department of Sociology and the Demography Unit, Stockholm University.

Since 2010

Basic Demographic Methods, 2017: Co-Organizer with 33 classroom hours, 2010-2016: Co-Lecturer with 7 classroom hours per year; Multi-disciplinary Master's Program in Demography, Department of Sociology and the Demography Unit, Stockholm University, Sweden.

Since 2009

Population Processes, *Co-Lecturer*, 9 classroom hours per year, Multi-disciplinary Master's Program in Demography, Department of Sociology and the Demography Unit, Stockholm University, Sweden.

Taught historical and contemporary patterns of mortality

2006

The Theory of Mortality, *Teaching Assistant*, European Doctoral School for Demography, Rostock.

Assisted Prof. James W. Vaupel in his course, helped create curriculum, graded all written work and determined final grades.

Supervision

- Doctoral thesis
- Filip Wigselius (Main-supervisor), Stockholm University, ongoing
 - Korinna Karampampa (Co-supervisor), Karolinska Institutet, completed in 2015

- Master thesis
- Ragnar Sävfors (Co-supervisor), Stockholm University, 2016
 - Filip Wigselius (Main-supervisor), Stockholm University, 2016
 - Katarzyna Lipska (Main-supervisor), Stockholm University, 2013
 - Javier Sebastian Ruiz Santacruz (Main-supervisor), Stockholm University, 2012
 - Robyn Nicole Donrovich (Main-supervisor), Stockholm University, 2011

Professional Service

2018

Theme Convener, *Health and Morbidity*, European Population Conference 2018, Brussels.

2018

Member of the Department Board, Department of Sociology, Stockholm University.

2016

Associate Editor, *Genus*.

2015

2017

Member of the Department Board (Substitute), Department of Sociology, Stockholm University.

- Journal Referee
- Canadian Studies in Population
 - Demography
 - European Journal of Population
 - *Genus* - Journal of Population Sciences (3x)
 - Longitudinal and Life Course Studies
 - Social Science & Medicine
 - Vienna Yearbook of Population Research
 - BMC Pharmacology & Toxicology

- Memberships
- German Association for Demography - Deutsche Gesellschaft für Demographie (DGD)
 - European Association for Population Studies (EAPS)
 - International Union for the Scientific Study of Population (IUSSP)
 - Population Association of America (PAA)
 - Swedish Demographic Association (SDF)

Interviews and Quotations by Public Media

Sven Drefahl's research results have been publicized through interviews and quotations in various major international and national public media, such as the BBC, Corriere della Sera, The Guardian, Forbes Magazine, and Frankfurter Allgemeine Zeitung.

Languages

- German Native
- English Fluent spoken and written
- Italian Intermediate
- Swedish Elementary