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SUMMARY

I am Director of the Max Planck Institute for Demographic Research and Professor of Social Data Science at the University of Helsinki. I joined the MPIDR from the London School of Economics where I served as Full Professor of Demography. Together with Co-PIs Siri Eldevik Håberg from Norway and Cecilia Ramlau-Hansen from Denmark I lead the ERC Synergy project BIOSFER: Untangling the causes of low fertility in modern societies; and together with Co-Director Pekka Martikainen I direct the Max Planck-University of Helsinki Center for Social Inequalities in Population Health. My training includes a PhD in Demography from the University of Pennsylvania and a PhD in Statistics from the University of Helsinki, and most of my work focuses on population health, fertility dynamics, and demographic forecasting.

POSITIONS

2014— Director, Max Planck Institute for Demographic Research (MPIDR)
 2023— Chair of the Scientific Council of the Max Planck Society
 2023— Director, Max Planck – University of Helsinki Center for Social Inequalities in Population Health; Rostock, Germany and Helsinki, Finland
 2016— Professor of Social Data Science, University of Helsinki
 2015—2019 Professorial Research Fellow, London School of Economics
 2013—2015 Professor of Demography (with tenure), London School of Economics
 2013— Docent in Demography and Statistics, University of Helsinki
 2009—2013 Head of the Max Planck Research Group “Life-course Dynamics and Demographic Change”, MPIDR. Position W2 (Associate Professor)

EDUCATION

2009 PhD in Demography, University of Pennsylvania, USA
 Dissertation: Essays on Mortality and the Life Course
 Dissertation committee: Samuel Preston, Virginia Chang, Irma Elo
 2007 PhD in Statistics, University of Helsinki, Finland
 Dissertation: Generalized Regression Estimation for Domain Class Frequencies
 Dissertation supervisor: Risto Lehtonen
 2005 MSocSc in Economics, University of Helsinki, Finland
 2005 MSc in Statistics, University of Jyväskylä, Finland
 2003 Guest Student, Faculty of Mechanics and Mathematics, Moscow State University

PUBLICATIONS**Peer reviewed articles**

- 2025** Declining Fertility, Human Capital Investment, and Economic Sustainability
M Myrskylä, J Hellstrand, S Lappo, A Lorenti, J Nisén, Z Rao, H Tikanmäki
Demography 62(2): 489-514 (2025)
- Re-partnering and single mothers' mental health and life satisfaction trajectories
P Dierker, M Kühn, M Myrskylä
Journal of Marriage and Family, 87(1), 157-181 (2025)
- An Overlapping Cohorts Perspective of Lifespan Inequality
H Pifarré i Arolas, J Andrade, M Myrskylä
Demography 62(2), 441-465 (2025)
- Pervasive stagnation: flat and increasing cardiovascular disease mortality rates after 2010 across US states and counties
L Abrams, N Brower, M Myrskylä, N Mehta
American Journal of Epidemiology, 194(8), 2261-2269 (2025)
- Long-term environmental background radiation is associated with urinary tract cancer incidence: A population-based study from Finland
P Li, M Myrskylä, P Martikainen
Cancer Epidemiology, 99 (2025)
- Catching up with stagnation: cause-specific dynamics of change in life expectancy at age 65 in the United States, Canada, and Latin America, 2000–2019
O Bramajo, N Mehta, M Myrskylä
The Gerontologist, 65(11), gnaf214 (2025)
- Disease accumulation across birth cohorts in South Korea
A Lam, K Keenan, M Myrskylä, H Kulu
The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences 80(11), gbaf136 (2025)
- Disparities in cancer incidence, stage at diagnosis, treatment and mortality across socioeconomic groups in Finland: a register-based population study
X Zai, P Li, L Dei Bardi, K Korhonen, M Moretti, M Myrskylä, P Martikainen
BMJ Public Health 2025;3:e002829 (2025)
- Health decline and residential transitions among older adults in Europe
SD Afable, Y Vierboom, M Evans, J Mikolai, H Kulu, M Myrskylä
Population, Space and Place, 31:e70116 (2025)
- Same-Sex and Different-Sex Couples' Divorce Risks: The Role of Cohabitation and Childbearing
M Ponkilainen, E Einiö, M Kühn, M Myrskylä
Journal of Marriage and Family, 0:1-16 (2025)

Economic Conditions, Education and Parity-Specific Fertility: A Sub-National Regional Study Across 15 Countries in Europe
J Nisén, S Klüsener, J Dahlberg, L Dommermuth, A Jasilioniene, M Kreyenfeld, T Lappegård, P Li, P Martikainen, K Neels, B Riederer, S te Riele, H Sulak, L Szabó, A Trimarchi, F Viciano, M Myrskylä
Population, Space and Place, 31(6), e70074, (2025)

Children's out-of-home care in Finland, 1993–2020: lifetime risks, expectancies, exit routes, and number of placements for synthetic cohorts
A Hiilamo, J Pitkänen, M Moretti, P Martikainen, M Myrskylä
Child Abuse & Neglect, Vol. 169, Part 1 (2025)

Inequalities in multimorbidity between native-born and immigrant older adults across Europe
SY Jang, S Loi, FJ van Lenthe, A Oksuzyan, M Myrskylä
European Journal of Ageing, 22(43) (2025)

Heterogenous long-term health and social outcomes of type 1 diabetes-A full population 30-year observational cohort study
A Hiilamo, N Metsä-Simola, P Dierker, P Martikainen, M Myrskylä
American Journal of Epidemiology, 00, 1-9 (2025)

Association between the COVID-19 vaccination campaign and fertility trends: a population-level time series analysis for 22 countries
A Jasilioniene, D Jasilionis, D Jdanov, M Myrskylä
BMJ Public Health, 3(1) (2025)

Use of assisted reproductive technologies for male and female infertility and perinatal outcomes
MC Magnus, KH Skåra, EØ Carlsen, M Gjerdevik, CH Ramlau-Hansen, M Myrskylä, LB Romundstad, SE Håberg
Fertility and Sterility, 124(2), 270-280 (2025)

Gender and Educational Trends in Lifetime Risk, Age at Onset, Expectancy, and Survival With Cardiovascular Disease in Finland, 1996–2020
S Sharma, P Martikainen, M Myrskylä, L Tarkiainen, U Suulamo
The Journals of Gerontology, Series B, 80:4 (2025)

Season of birth and variations in male reproductive health: A population-based cohort study
A Gaml-Sørensen, N Brix, S Søgaard Tøttenborg, K Sørig Hougaard, S Eldevik Håberg, M Myrskylä, G Toft, JP Ellekilde Bonde, C Høst Ramlau-Hansen
Andrology, 1-12 (2025)

Living arrangements and chronic disease accumulation among native-born and immigrant older adults in Europe
SY Jang, A Oksuzyan, FJ van Lenthe, M Myrskylä, S Loi
Social Science and Medicine, 373, 117954 (2025)

Stable Marital Histories Predict Happiness and Health Across Educational Groups
M Mäki, AE Hägglund, A Rothkirch, S Kulathinal, M Myrskylä
European Journal of Population, 41(1):12 (2025)

Parental Separation and Children's Education—Changes Over Time?
S Kailaheimo-Lönnqvist, M Jalovaara, M Myrskylä
European Journal of Population, 41(5) (2025)

Correction: Parental epigenetic age acceleration and risk of adverse birth outcomes:
the Norwegian mother, father and child cohort study
MC Magnus, Y Lee, EØ Carlsen, LA Arge, A Jugessur, LG Kvalvik, NH Morken, C
H Ramlau-Hansen, M Myrskylä, P Magnus, SE Håberg
BMC Medicine (2025) 23:9

Multimorbid life expectancy across race, socio-economic status, and sex in South
Africa
A Lam, K Keenan, M Myrskylä, H Kulu
Population Studies 79(1), 1-26 (2025)

Unequal weathering: how immigrants' health advantage vanishes over the life course
S Loi, P Li, M Myrskylä
Journal of Migration and Health, Vol. 11 (2025)

Industry-specific Labour Demand, Post-prison Employment and Recidivism—Evidence
from Finland
R Laine, M Aaltonen, P Martikainen, M Myrskylä
Journal of Quantitative Criminology (2025)

Selective re-partnering? Mental health and life satisfaction among separated single
mothers in Germany and the UK
P Dierker, M Kühn, M Myrskylä
Acta Sociologica (2025)

Maternal Morbidity and Medically Assisted Reproduction Treatment Types
A Pelikh, KR Smith, M Myrskylä, MP Debbink, A Goisis
Obstetrics & Gynecology, 145(2):220-230 (2025)

Environmental exposures and fecundability: The Norwegian Mother, Father, and
Child Cohort study
T Grindstad, SE Håberg, O Basso, HI Hanevik, IH Caspersen, LA Arge, CH Ramlau-
Hansen, M Myrskylä, MC Magnus
International Journal of Hygiene and Environmental Health 263, 114492 (2025)

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Parental epigenetic age acceleration and risk of adverse birth outcomes: the
Norwegian mother, father and child cohort study
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Ramlau-Hansen, M Myrskylä, P Magnus, SE Håberg
BMC Medicine, 22:554 (2024)

Educational Differences in Fertility Among Female Same-Sex Couples in Finland
M Ponkilainen, E Einiö, M Pietiläinen, M Myrskylä
Demography, 11687583 (2024)

Revisiting the J-shape: human development and fertility in the United States
HA Schubert, C Dudel, M Kolobova, M Myrskylä
Demography, 11680156 (2024)

Gendered Parenthood-Employment Gaps from Midlife: A Demographic Perspective
Across Three Different Welfare Systems
A Lorenti, J Nisén, L Mencarini, M Myrskylä
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Own depression, partner's depression, and childlessness: A nationwide register-based
study
S Kailaheimo-Lönnqvist, H Moustgaard, P Martikainen, M Myrskylä
Social Science & Medicine 361, 117356 (2024)

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R Laine, M Aaltonen, M Myrskylä, P Martikainen
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Epigenetic aging and fecundability: the Norwegian Mother, Father and Child Cohort
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LA Arge, Y Lee, KH Skåra, M Myrskylä, CH Ramlau-Hansen, SE Håberg, MC
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Sibling relatedness and pubertal development in girls and boys: A population-based
cohort study
K Andersen, KW Rothausen, SE Håberg, M Myrskylä, CH Ramlau-Hansen, A Gaml-
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Response to Carl Schmertmann Commentary—Drawing Cohort Profiles From Period
Data: Improvements and Risks
AA van Raalte, U Basellini, CG Camarda, M Nepomuceno, M Myrskylä
Demography 61 (4), 973-977 (2024)

Socio-behavioral factors contributing to recent mortality trends in the United States
S Preston, Y Vierboom, M Myrskylä
Demographic Research 51, 191-214 (2024)

Projection of US adult obesity trends based on individual BMI trajectories
N Todd, M Myrskylä
Demographic Research 51, 425-458 (2024)

Reply to Timonin and Cooley: Varied effects of counterfactuals in 42 countries
underscore value of within-country counterfactual
LR Abrams, M Myrskylä, NK Mehta
Proceedings of the National Academy of Sciences 121 (24), e2407918121 (2024)

Genetic propensity to depression and the role of partnership status
M Gueltzow, H Lahtinen, MJ Bijlsma, M Myrskylä, P Martikainen
Social Science & Medicine 351, 116992 (2024)

At the Intersection of Adverse Life Course Pathways: The Effects on Health by
Migration Status
S Loi, P Li, M Myrskylä
Demography 61 (3), 665-686 (2024)

Inequalities in disability-free and disabling multimorbid life expectancy in Costa Rica,
Mexico, and the United States
A Lam, K Keenan, G Cézard, H Kulu, M Myrskylä
The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences,
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Educational tracking and the polygenic prediction of education
H Lahtinen, P Martikainen, K Korhonen, T Morris, M Myrskylä
Sociological Science 11, 186-213 (2024)

Educational field, economic uncertainty, and fertility decline in Finland in 2010–2019
J Hellstrand, J Nisén, M Myrskylä
European Sociological Review, 40(5), 754-771 (2024)

Reply to Polizzi and Dowd: Within-country counterfactual reveals importance of
retirement age mortality in addition to established concern about working ages
LR Abrams, M Myrskylä, NK Mehta
Proceedings of the National Academy of Sciences 121 (4), e2320028121 (2024)

Trends in Memory Function and Memory Impairment Among Older Adults in the
United States and Europe
M Myrskylä, JM Hale, DC Schneider
The Journals of Gerontology, Series A: Biological Sciences and Medical Sciences, 79,
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Maternal pre-pregnancy BMI and reproductive health in adult sons: a study in the
Danish National Birth Cohort
A Gaml-Sørensen, A Hjorth Thomsen, S Søgaard Tøttenborg, N Brix, K Sørig
Hougaard, G Toft, S Eldevik Håberg, M Myrskylä, JP Bonde, C Høst Ramlau-Hansen
Human Reproduction 39 (1), 219-231 (2024)

DC Schneider, M Myrskylä, A van Raalte. "Flexible transition timing in discrete-time
multistate life tables using Markov chains with rewards." *Population Studies* 78(3),
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2023 S Sharma, JM Hale, M Myrskylä, H Kulu "Disparities in the population burden of
joint cognitive and physical impairment in the US, 1998-2016", *Demography* 60 (5),
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AA van Raalte, U Basellini, CG Camarda, MR Nepomuceno, M Myrskylä
"The dangers of drawing cohort profiles from period data: a research note"
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M Gueltzow, MJ Bijlsma, FJ van Lenthe, M Myrskylä “The role of labor market inequalities in explaining the gender gap in depression risk among older US adults” *Social Science & Medicine*, 332 (2023)

A Gaml-Sørensen, AH Thomsen, SS Tøttenborg, N Brix, KS Hougaard, G Toft, SE Håberg, M Myrskylä, JP Bonde, CH Ramlau-Hansen “Maternal pre-pregnancy BMI and reproductive health in adult sons: a study in the Danish National Birth Cohort” *Human Reproduction* (2023)

LR Abrams, M Myrskylä, NK Mehta “The “double jeopardy” of midlife and old age mortality trends in the United States” *Proceedings of the National Academy of Sciences*, 120 (42) (2023)

C Dudel, E Loichinger, S Klüsener, H Sulak, M Myrskylä “The extension of late working life in Germany: trends, inequalities, and the East-West divide”, *Demography*, 60 (4), 1115-1137 (2023)

H Pifarré i Arolas, E Acosta, C Dudel, JM Hale, M Myrskylä. "US Racial–Ethnic Mortality Gap Adjusted for Population Structure." *Epidemiology* (Cambridge, Mass.) 34, no. 3 (2023): 402.

K Silventoinen, J Luukkonen, M Myrskylä et al. “Birth size, school performance and family social position: a study of 650,000 children.” *Pediatric Research* 94, 2105–2114 (2023)

P Li, Y Hu, G Scelo, M Myrskylä, P Martikainen “Pre-existing psychological disorders, diabetes, and pancreatic cancer: A population-based study of 38,952 Finns” *Cancer Epidemiology* 82, 102307 (2023)

N Campisis, H Kulu, J Mikolai, S Klüsener, M Myrskylä “A Spatial Perspective on the Unexpected Nordic Fertility Decline: The Relevance of Economic and Social Contexts” *Applied Spatial Analysis and Policy*, 16(1), 1-31 (2023)

A Goisis, M Palma, N Metsä-Simola, R Klemetti, P Martikainen, M Myrskylä, A Pelikh, M Tosi, H Remes “Medically Assisted Reproduction and Mental Health: A 24-Year Longitudinal Analysis Using Finnish Register Data” *American Journal of Obstetrics & Gynecology*, 228 (3) (2023)

S Sharma, J Mhairi Hale, M Myrskylä, H Kulu “Cognitive impairment and partnership status in the United States, 1998–2016, by sex, race/ethnicity, and education” *Population Studies*, 78 (1) (2023)

S Aradhya, A Tegunimatoka, Ø Kravdal, P Martikainen, M Myrskylä, K Barclay, A Goisis “Maternal age and the risk of low birthweight and pre-term delivery: a pan-Nordic comparison”, *International Journal of Epidemiology*, 52(1), 156-164 (2023)

E Batyra, T Leone, M Myrskylä “Forecasting of cohort fertility by educational level in countries with limited data availability: the case of Brazil” *Population Studies*, 77(2), 179-195 (2023)

A Baranowska-Rataj, K Barclay, J Costa-Font, M Myrskylä, B Özcan
 “Preterm births and educational disadvantage: heterogeneous effects”
Population Studies, 77(3), 459-474 (2023)

2022 J Hellstrand, J Nisén, M Myrskylä
 “Less Partnering, Less Children, or Both? Analysis of the Drivers of First Birth
 Decline in Finland Since 2010” *European Journal of Population*, 38, 191-221 (2022).

E Acosta, NK Mehta, M Myrskylä, M Ebeling
 “Cardiovascular mortality gap between the United States and other high life
 expectancy countries in 2000–2016”
Journals of Gerontology, Series B: Psychological Sciences and Social Sciences 77:
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M Gültzow, MJ Bijlsma, FJ van Lenthe, M Myrskylä
 “The contribution of health behaviors to depression risk across birth cohorts”
Epidemiology 33:6, 880-889 (2022).

R Laine, M Myrskylä, T Kaskela, T Pitkänen
 “Imprisonment, community sanctions and mortality by cause of death among patients
 with substance use disorder – a 28-year follow-up using Finnish register data” *Drug
 and Alcohol Dependence* 232:109327, 1-9 (2022).

J Nisén, MJ Bijlsma, P Martikainen, B Wilson, M Myrskylä
 “The gendered impacts of delayed parenthood: a dynamic analysis of young
 adulthood” *Advances in Life Course Research* 53:100496, 1-16 (2022).

NK Mehta, M Myrskylä
 “An Introduction to the Supplemental Issue on Why Does Health in the US Continue
 to Lag Behind” *The Journals of Gerontology: Series B*, 77 (Issue Supplement_2)
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AF Castro Torres, E Batyra, M Myrskylä “Income inequality and increasing
 dispersion of the transition to first birth in the Global South”, *Population and
 Development Review*, 48:189-215 (2022)

A Pelikh, KR Smith, M Myrskylä, A Goisis “Medically Assisted Reproduction
 Treatment Types and Birth Outcomes: A Between-Family and Within-Family
 Analysis” *Obstetrics & Gynecology*, 139 (2), 211-222, 10.1097 (2022)

2021 A Goisis, M Myrskylä “Well-being of children born after medically assisted
 reproduction” *Der Gynäkologe*, 54 (12), 917-921 (2021)

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- J Hellstrand, J Nisen, V Miranda, P Fallesen, L Dommermuth, M Myrskylä “Not just later, but fewer: novel trends in cohort fertility in the Nordic countries” *Demography*, 58(4), 1373-1399 (2021)
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C Dudel, M Myrskylä "Cohort Trends in Working Life Expectancies at Age 50 in the United States: A Register-Based Study Using Social Security Administration Data" *The Journals of Gerontology: Series B* (2020)

J Hellstrand, J Nisén, M Myrskylä "All-time low period fertility in Finland: Demographic drivers, tempo effects, and cohort implications" *Population Studies* (2020), 1-15

J Nisén, JIS Hellstrand, P Martikainen, M Myrskylä "Hedelmällisyys ja siihen vaikuttavat tekijät Suomessa lähivuosikymmeninä" *Yhteiskuntapolitiikka* (2020)

Campisi, Nicholas, Hill Kulu, Julia Mikolai, Sebastian Klüsener, and Mikko Myrskylä. "Spatial variation in fertility across Europe: Patterns and determinants." *Population, Space and Place*: e2308. (2020)

A Lorenti, C Dudel, JM Hale, M Myrskylä "Working and disability expectancies at old ages: the role of childhood circumstances and education" *Social Indicators Research* (2020), 91 (102447)

C Dudel, T Riffe, E Acosta, AA van Raalte, M Myrskylä "Monitoring trends and differences in COVID-19 case fatality rates using decomposition methods: Contributions of age structure and age-specific fatality" *PlosOne*, 15(9), e0238904 (2020)

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2012 Myrskylä, Mikko and Andrew Fenelon. “Maternal Age and Offspring Adult Health: Evidence from the Health and Retirement Study.” *Demography* (2012), Volume 49, Issue 4, pp 1231-1257 (doi:10.1007/s13524-012-0132-x)

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- 2011** Margolis, Rachel and Mikko Myrskylä. “A Global Perspective on Happiness and Fertility.” *Population and Development Review* 37:1, p. 29-56 (doi: 10.1111/j.1728-4457.2011.00389.x.)
- 2010** Myrskylä, Mikko. “The Relative Effects of Shocks in Early- and Later-Life Conditions on Mortality.” *Population and Development Review*, 36:4, p. 803–829 (doi: 10.1111/j.1728-4457.2010.00358.x)
- Myrskylä, Mikko. “The effects of shocks in early life mortality on later life expectancy and mortality compression: A cohort analysis.” *Demographic Research* 22: 289-320 (doi: 10.4054/DemRes.2010.22.12)
- 2009** Myrskylä, Mikko and Virginia W. Chang. “Weight Change, Initial BMI, and Mortality among Middle- and Older-Aged Adults.” *Epidemiology*, 20:6, 840-848 (doi: 10.1097/EDE.0b013e3181b5f520)
- Lynch, Julia and Mikko Myrskylä. “Always the Third Rail? Pension Income and Policy Preferences in European Democracies.” *Comparative Political Studies* 42:8, 1068-1097 (doi: 10.1177/0010414009331722)
- Myrskylä, Mikko, Hans-Peter Kohler and Francesco C. Billari. “Advances in development reverse fertility declines.” *Nature*, 460, 741-743 (6 August 2009; doi: 10.1038/nature08230)

MONOGRAPHS

- 2009 Myrskylä, Mikko. “Essays on Mortality and the Life Course.” (monograph) PhD dissertation in Demography, University of Pennsylvania
- 2007 Myrskylä, Mikko. “Generalized regression estimation for domain class frequencies.” (monograph) Statistics Finland Research Reports 247, and PhD dissertation in Statistics, University of Helsinki

EDITED VOLUMES

Guest editor for the *The Journals of Gerontology: Series B*, Supplemental Issue on “Why Does Health in the US Continue to Lag Behind” (2022), together with Neil K. Mehta and Robert F. Schoeni

Guest editor for the *Population and Development Review* Supplement on Covid-19 and Family Formation Dynamics (forthcoming), together with Natalie Nitsche and Joshua Wilde

Guest editor of a *Social Science and Medicine* Special Issue “Pathways to Health”, together with the Tommy Bengtsson (Lund University) and Alain Gagnon (University of Montreal). This Special Issue is based on the IUSSP conference Pathways to Health that we organized in collaboration with the Institute for the Study of Societal Issues at the University of California, Berkeley, in May 1-2 2012.

OTHER PUBLICATIONS (SELECTED)

- 2017 Myrskylä, Mikko: „Bessere Aussichten für zarte Babys.“ *Demografische Forschung aus Erster Hand* 14:1, 4-4 (2017).
- 2013 Myrskylä, Mikko, Leinonen, Taina and Pekka Martikainen. “Life expectancy by labor force status and social class: Recent period and cohort trends and projections for Finland” Finnish Centre for Pensions Working Paper 02/2013
- 2011 Myrskylä, Mikko. ”Kyllä se siitä – iän myötä.” (in English: Parenthood gets better with age). *Tieto&Trendit* 1/2011, Statistics Finland
- 2010 R. Lehtonen, A. Veijanen, M. Myrskylä and M. Valaste: Challenges in small area estimation of poverty indicators. International Conference on Indicators and Survey Methodology Department of Statistics and Probability Theory Vienna University of Technology (February 8, 2010) February 24-26, 2010
- 2010 Myrskylä, Mikko: ”Elämme toistakymmentä vuotta elinajanodotetta pidempään.” (in English: We live more than ten years longer than expected). *Tieto&Trendit* 1/2010, Statistics Finland
- 2009 Risto Lehtonen, Mikko Myrskylä and Ari Veijanen. Preliminary results on bias and accuracy of estimators of selected Laeken indicators for domains and small areas. 3rd AMELI Workshop, 4-5 June 2009, Olten, Switzerland
- 2007 Lehtonen, Risto, Mikko Myrskylä, Carl-Erik Särndal, and Ari Veijanen. “Estimation for Domains and Small Areas Under Unequal Probability Sampling.” Invited paper, the SAE2007 Conference, Pisa, September 2007. CD-ROM
- 2006 Myrskylä, Mikko. “Calibration vs. model-assisted estimation in unemployment estimation.” (in Finnish). *Yearbook of the Finnish Statistical Society 2005*, Helsinki University Press
- 2006 Lehtonen, Risto, Mikko Myrskylä, Carl-Erik Särndal, and Ari Veijanen. “Model-assisted and model-dependent estimation for domains and small areas under unequal probability sampling.” Proceedings of the 9th International Vilnius Conference on Probability Theory and Mathematical Statistics. June 25-30, 2006, Vilnius, Lithuania
- 2005 Myrskylä, Mikko. “When is logistic GREG more accurate than linear GREG?” Proceedings of the 9th Workshop on Survey Sampling Theory and Methodology, Vilnius, Lithuania.
- 2005 Myrskylä, Mikko. “Model-assisted estimation of employment, unemployment and unemployment rate.” (in Finnish) Master’s thesis in economics, University of Helsinki

- 2004 Myrskylä, Mikko. “Estimation of class frequencies with micro level auxiliary information.” Master’s thesis in statistics, University of Jyväskylä
- 2002 Myrskylä, Mikko in collaboration with a large working group: “Follow-up report on the National Programme on Ageing Workers for the year 2002” Working Group Memorandums of the Ministry of Social Affairs and Health 2002:15
- 2001 Myrskylä, Mikko in collaboration with a large working group: “Follow-up report on the National Programme on Workers for the year 2001” Working Group Memorandums of the Ministry of Social Affairs and Health 2001:17
- 2000 Myrskylä, Mikko in collaboration with a large working group: “Older workers in the labour market and outside” Working Group Memorandums of the Ministry of Social Affairs and Health 2000:15
- 2000 Sihto, Matti and Mikko Myrskylä. “Different kinds of unemployed in different kinds of statistics.” (in Finnish) Kansantaloudellinen aikakauskirja 4/2000.
- 1999 Myrskylä, Mikko in collaboration with a large working group: “Evaluation Report on the National Programme on Ageing Workers for the year 1998” Ministry of Labor Research Reports 229.
- 1999 Sihto, Matti and Mikko Myrskylä. “Two ways to measure employment.” (in Finnish) Hyvinvointikatsaus 3/1999

FELLOWSHIPS AND GRANTS

- 2023 – 2029 corresponding PI, European Research Council Synergy Grant
Project: BIOSFER with PIs Siri Eldevik Håberg (NIPH) and Cecilia Ramlau-Hansen (Aarhus University)
Amount: 14M EUR
- 2023 - 2028 Director, Max Planck-University of Helsinki Center for Social Inequalities in Population Health, with Pekka Martikainen, joint director, University of Helsinki
Amount: from Max Planck Society 1.67M EUR; from the University of Helsinki 0.5M EUR; from Jane and Aatos Erkkö Foundation 2.0M EUR; from the cities of Helsinki, Vantaa, and Espoo 0.5M Eur.
- 2023 – 2027 Co-Investigator, NIH R&D grant, with Neil Mehta, University of Texas (Medical Branch), USA
Project: Identifying the Causes of the Stagnation in National U.S. Cardiovascular Disease Mortality
Amount: 207,000 USD
- 2021 – 2027 Deputy consortium director, Strategic Research Council (SRC) established within the Academy of Finland
Project: Family Formation in Flux – Causes, Consequences and Possible Futures

Amount: 3.8M EUR

- 2019 Spokesperson, International Max Planck Research School on Population, Health, and Data Science. Initial funding for 6 years for a joint doctoral training program with a network of universities.
Amount: annual budget of 400,000 EUR
- 2017 – 2020 PI, Kone Foundation; with Torsten Santavirta (co-PI; Universities of Uppsala and Helsinki)
Project: Intergenerational effects of the 1918 Finnish Civil War
Amount: 282,000 EUR
- 2014 – 2019 PI, European Research Council Starting Grant
Project: Costs and Gains to Postponement: How Changes in the Age of Parenthood Influence the Well-being of Children, the Parents, and Populations
Amount: 1,305,600 EUR
- 2015 – 2016 Co-PI, NIH R24 Network Pilot Grant, with Neil Mehta, Emory University, USA
Project: Contribution of Health Behaviours to International and Educational Differences in Female Health Expectancies
Amount: 13,500 USD
- 2013 – 2018 PI, Swedish Knut and Alice Wallenberg Foundation Fellowship to study the causes and consequences of low and late fertility at the Stockholm University, 7,500,000 SEK (approximately 850,000 EUR) (Declined)
- 2009 – 2013 PI, Max Planck Society Independent Research Group “Life Course Dynamics and Demographic Change” at the Max Planck Institute for Demographic Research in Rostock, Germany
Amount: 1,4m EUR

PHD AWARDS

- 2008 Teece Dissertation research fellowship for a study visit to Germany
- 2006, 2007 Barbara and Edward Netter scholarship for PhD studies
- 2006-2008 Ella and Georg Ehrnrooth Foundation Grant for PhD studies
- 2006-2008 Finnish Cultural Foundation Grant for PhD studies
- 2006 Fulbright graduate grant for PhD studies
- 2006 League of Finnish-American Societies’ scholarship for PhD studies
- 2005 Finnish School of Statistical Information, Inference, and Data Analysis research grant for Statistics PhD

AWARDS

- 2020 The Finnish Demographic Society honorary prize – Demography Advocate of 2020 on basis of his contributions to advancing the field of demographic research
- 2015 The Finnish Academy of Science and Letters Jutikkala Prize for internationally recognized contributions in the humanistic sciences
- 2006 University of Helsinki Faculty of Social Sciences award for the best economics MA thesis in 2005
- 2005 Yrjö Jahnsson Foundation award for an outstanding economics MA thesis
- 2005 Finnish Statistical Society's Leo Törnqvist award for the most outstanding Finnish MA thesis in statistics in 2004. Grade for the thesis: Laudatur.
- 2005 University of Jyväskylä Faculty of Mathematics and Statistics award for the best statistics MA thesis in 2004. Grade for the thesis: Laudatur.

PROFESSIONAL ACTIVITIES

Publisher of the journal *Demographic Research* (2018-); Associate Editor of the journal *Population Studies* (2013-2022); Chair of the International Union for the Scientific Study of Population Research Panel Pathways to Health (2011-2016); Organizer or Co-Organizer of several international seminars, including Pathways to Health and Well-Being Seminar in Berkeley, CA (2012), the Alpine Population Conference in La Thuile, Italy (2013), Pathways to Health and Well-Being Seminar in Lund, Sweden (2014), COSTPOST Conference on the Postponement of Parenthood (2018)

SELECTED MEDIA COVERAGE

Pifarre i Arolas, H., Acosta, E., López-Casasnovas, G., Lo, A., Nicodemo, C., Riffe, T., & Myrskylä, M. "Years of life lost to COVID-19 in 81 countries." *Scientific reports*, 11(1), 1-6 (2021)

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Bohk-Ewald, Christina, Christian Dudel, and Mikko Myrskylä. "A demographic scaling model for estimating the total number of COVID-19 infections." *International journal of epidemiology* 49.6 (2020): 1963-1971.

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NK Mehta, LR Abrams, M. Myrskylä “US life expectancy stalls due to cardiovascular disease, not drug deaths” *Proceedings of the National Academy of Sciences* 117 (13), 6998-7000 (2020)

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Goisis, Alice, Schneider, Daniel C. and Mikko Myrskylä. “The Reversing Association between Advanced Maternal Age and Child Cognitive Ability: Evidence from Three UK Birth Cohorts.” *International Journal of Epidemiology* (2017) Feb 8.

New York Times | Apr 3, 2017; Herald (Glasgow) | Feb 14, 2017; derStandard.at | Feb 15, 2017; The Independent | Feb 15, 2017

Alice Goisis, Hanna Remes, Pekka Martikainen, Kieron Barclay and Mikko Myrskylä; “Advanced Maternal Age and the Risk of Low Birth Weight and Preterm Delivery: a Within-Family Analysis Using Finnish Population Registers” *American Journal of Epidemiology* 186:11 (2017)

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