Mikko Myrskylä

Director, Max Planck Institute for Demographic Research (MPIDR)
Professor of Social Data Science, University of Helsinki
office-myrskyla@mpidr.de, +49 (0)381 2081-118
Max Planck Institute for Demographic Research
Konrad-Zuse-Str. 1, 18057 Rostock, Germany

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—	Director, Max Planck – University of Helsinki Center for Social Inequalities in Population Health; Rostock, Germany and Helsinki, Finland
2023—2026	Chair of the Scientific Council of the Max Planck Society
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

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PUBLICATIONS

Peer reviewed articles

2026 Do genetics shape mental health trajectories around partnership transitions?
P Dierker, M Gueltzow, H Lahtinen, M Kühn, P Martikainen, M Myrsyklä
Journal of Marriage and Family (2026)

More education and fewer children? The contribution of educational enrollment and attainment to the fertility decline in Norway
KC Beck, J Hellstrand, M Myrskylä
Demography, 63(1): 323-349 (2026)

Changing Landscapes of Parenthood: Childbearing Among Same-Sex and Different-Sex Couples in the Nordic Countries
M Ponkilainen, E Einiö, M Kolk, P Fallesen, FA Torvik, ML Andersen, M Myrskylä
Population and Development Review (2026)

Pubertal timing and tempo and depression risk in adolescent boys and girls: A Danish population-based cohort study
TE Benson, A Gaml-Sørensen, PJ Clemmensen, AM Ladehoff Thomsen, FA Torvik, Z Buyukkececi, M Myrskylä, K Strandberg-Larsen, C Høst Ramlau-Hansen
Journal of Affective Disorders, Vol 412 (2026)

Educational outcomes of children with an immigrant background: Analyzing immigrant generation, age at immigration, and exogamous background as a unified construct
S Loi, J Pitkänen, H Moustgaard, M Myrskylä, P Martikainen
Migration Studies, Vol.14(2) (2026)

Are aging parents and adult children living farther apart? Decomposing trends in intergenerational proximity and coresidence among Finnish parents aged 60–69 (2003–2023)
SD Afable, M Evans, K Korhonen, YVierboom, P Martikainen, M Myrskylä, H Kulu
Social Forces, soag043 (2026)

Socioeconomic inequalities in life expectancy within and between native-born and foreign-born populations: a comparative study of 10 European countries
SY Jang, FJ. van Lenthe, M Myrskylä, A Oksuzyan, S Loi, M Bopp, H Brønnum-Hansen, P Deboosere, R Kaledien, M Leinsalu, P Martikainen, OM Östergren, SPsihoda, Enrique Regidor, N Zengarini, WJ Nusselder
International Journal of Epidemiology, 2026, 55:3 (2026)

Parental Educational Attainment at Birth and Biomarkers of Male Fecundity: A Study From the Danish National Birth Cohort
A Hjorth Thomsen, A Gaml-Sørensen, S Søgaard Tøttenborg, OA Arah, S Eldevik Håberg, M Myrskylä, Cecilia Høst Ramlau-Hansen
Andrology, e70175 (2026)

Insights into US life expectancy stagnation from birth cohort mortality dynamics
L Abrams, O Bramajo, A van Raalte, M Myrskylä, NK Mehta
Proceedings of the National Academy of Sciences, 123 (11) e2519356123 (2026)

Linking mental health disorders to childlessness: The roles of disorder type and partnership
S Kailaheimo-Björkqvist, J Nisén, N Metsä-Simola, P Martikainen, M Myrskylä
Journal of Family Research, Vol. 38, 130-147 (2026)

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, 88:457-472 (2026)

Working longer despite poorer health? Inequalities in healthy and unhealthy working life expectancies in South Korea
A Lam, K Keenan, H Kulu, M Myrskylä
Population Studies, 1-18 (2026)

2025 Downstream of hearing loss: a population-based multistate analysis of lifetime risk and years lived with hearing loss, dementia and their comorbidity in Finland
D Stonkute, A Lorenti , K Korhonen , P Martikainen , M Myrskylä
Age and Ageing 54(12) (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)

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 Viciana, 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)

2024

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, CH 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
European Journal of Population 40 (1), 16 (2024)

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)

Sociohistorical context and post-prison life course
R Laine, M Aaltonen, M Myrskylä, P Martikainen
Journal of Criminal Justice 95, 102312 (2024)

Epigenetic aging and fecundability: the Norwegian Mother, Father and Child Cohort Study
LA Arge, Y Lee, KH Skåra, M Myrskylä, CH Ramlau-Hansen, SE Håberg, MC Magnus
Human Reproduction, 39(12), 2806-2815 (2024)

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-Sørensen
Annals of Epidemiology 98, 51-58 (2024)

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, 79(8) (2024)

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, Issue Supplement_1 (2024)

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), 413-427 (2024)

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), 1441-1468 (2023)

AA van Raalte, U Basellini, CG Camarda, MR Nepomuceno, M Myrskylä
"The dangers of drawing cohort profiles from period data: a research note"
Demography 60 (6), 1689-1698 (2023)
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 Tegunimataka, 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: Suppl. 2, S148-S157 (2022).

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) (2022)

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)

Pifarre i Arolas, H., Acosta, E., & Myrskylä, M "Optimal vaccination age varies across countries." *Proceedings of the National Academy of Sciences,* 118(29), (2021)

S Loi, J Pitkänen, H Moustgaard, M Myrskylä, P Martikainen "Health of immigrant children: the role of immigrant generation, exogamous family setting, and family material and social resources" *Demography*; 58(5), 1655-1685 (2021)

Abrams Leah R, Neil K Mehta, Mikko Myrskylä. "The Growing Rural-Urban Divide in U.S. Life Expectancy: Contribution of Cardiovascular Disease and Other Major Causes of Death", *International Journal of Epidemiology* 50(6), 1970-1978 (2021)

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)

JM Hale, DC Schneider, J Gampe, NK Mehta, M Myrskylä „Rejoinder to "The Prevalence of Cognitive Impairment Is Not Increasing in the United States: A Critique of Hale et al. (2020)" *Epidemiology* 32(5), 717-720 (2021)

Riffe, Tim, and Enrique Acosta, Mikko Myrskylä, and the COVerAGE-DB team. "Data Resource Profile: COVerAGE-DB: a global demographic database of COVID-19 cases and deaths." *International Journal of Epidemiology* 50.2 (2021): 390-390f.

HP i Arolas, E Acosta, G López-Casasnovas, A Lo, C Nicodemo, T Riffe, ... Author Correction: Years of life lost to COVID-19 in 81 countries Scientific Reports 11, 8543 (2021)

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)

DC Schneider, M Myrskylä, A van Raalte "MCWR: Stata module to compute Markov chain with rewards calculations" *Boston College*, Department of Economics (2021)

Zheng, H., Echave, P., Mehta, N., & Myrskyla, M. "Life-long Body Mass Index Trajectories and Mortality in Two Generations." *Annals of Epidemiology 56,* 18-25 (2021)

Stelter, Robert; David de la Croix; Mikko Myrskylä "Leaders and Laggards in Life Expectancy among European Scholars from the Sixteenth to the Early Twentieth Century" *Demography* 58 (1), 111-135 (2021)

Nisén, J.; Klüsener, S.; Dahlberg, J.; Dommermuth, L.; Jasilioniene, A.; Kreyenfeld, M.; Lappegård, T.; Li, P.; Martikainen, P.; Neels, K.; Riederer, B.; te Riele, S.; Szabó, L.; Trimarchi, A.; Viciana, F.; Wilson, B.; Myrskylä, M. "Educational differences in cohort fertility across sub-national regions in Europe"
European Journal of Population, 37(1), 263–295 (2021).

2020 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)

Hale, Jo Mhairi; Daniel C. Schneider; Jutta Gampe; Neil K. Mehta; and Mikko Myrskylä "Trends in the Risk of Cognitive Impairment in the United States, 1996–2014" *Epidemiology*, 31 (5), 745 (2020)

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.

JM Hale, DC Schneider, NK Mehta, M Myrskylä "Cognitive impairment in the US: Lifetime risk, age at onset, and years impaired" *SSM-Population Health 11,* 100577 (2020)

P Martikainen, I Elo, L Tarkiainen, J Mikkonen, M Myrskylä, H Moustgaard "The 4 contribution of childhood social characteristics to mortality: a comparison of Finnish cohorts born in 1936–50 and 1961–75" *International Journal of Epidemiology* (2020), 49(3)

C Dudel, M Myrskylä "Estimating the number and length of episodes in disability using a Markov chain approach", *Population health metrics* 18 (1), 1-9 (2020)

Wood, Jonas; Klüsener, Sebastian; Neels, Karel; Myrskylä, Mikko: "Shifting Links in the Relationship between Education and Fertility. Subnational spatial insights from the Belgian case", *Population, Space and Place,* 26(8), e2342 (2020)

Yaoyue Hu, Taina Leinonen, Mikko Myrskylä, Pekka Martikainen. "Changes in Socioeconomic Differences in Hospital Days with Age: Cumulative Disadvantage, Age-as-Leveler, or Both?", *The Journals of Gerontology: Series B,* 75(6), 1336-1347 (2020)

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 Myrskyla “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)

A Barbuscia, P Martikainen, M Myrskylä, H Remes, E Somigliana, R Klemetti, A Goisis “Maternal age and risk of low birth weight and premature birth in children conceived through medically assisted reproduction. Evidence from Finnish population registers” *Human Reproduction*, 35 (1), 212-220 (2020)

2019 M Myrskylä (2019). Maternal Age. In: Shackelford, T., Weekes-Shackelford, V. (eds) Encyclopedia of Evolutionary Psychological Science. Springer, Cham. https://doi.org/10.1007/978-3-319-16999-6_777-1

Govert E. Bijwaard, Per Tynelius & Mikko Myrskylä. “Education, cognitive ability, and cause-specific mortality: A structural approach”, *Population Studies*, 73:2, 217-232, DOI: 10.1080/00324728.2018.1493135

Lorenti, A., Dudel, C. & Myrskylä, M. “The legacy of the great recession in Italy: a wider geographical, gender, and generational gap in working life expectancy”, *Social Indicators Research* (2019), 142: 283. https://doi.org/10.1007/s11205-018-1910-7

Bijlsma, Maarten J., Wilson, Ben, Tarkiainen, Lasse, Myrskylä, Mikko, Martikainen, Pekka “The Impact of Unemployment on Antidepressant Purchasing: Adjusting for Unobserved Time-constant Confounding in the g-Formula” *Epidemiology* (2019), 30:3, 388-395. doi: 10.1097/EDE.0000000000000985

Mehta, Neil K., Zheng, Hui, Myrskylä, Mikko, “How do age and major risk factors for mortality interact over the life-course? Implications for health disparities research and public health policy”, *Social Science and Medicine – Population Health 8* (2019), 100438. https://doi.org/10.1016/j.ssmph.2019.100438

Elina Einiö, Alice Goisis, Mikko Myrskylä, “Is the relationship between men's age at first birth and midlife health changing? Evidence from two British cohorts”, *Social Science and Medicine – Population Health 8* (2019), 100458. https://doi.org/10.1016/j.ssmph.2019.100458

Yaoyue Hu, Taina Leinonen, Karen van Hedel, Mikko Myrskylä, Pekka Martikainen "The relationship between living arrangements and higher use of hospital care at middle and older ages: to what extent do observed and unobserved individual characteristics explain this association?", *BMC Public Health* (2019), 19:1, 1011. 10.1186/s12889-019-7296-x

Alice Goisis, Hanna Remes, Pekka Martikainen, Reija Klemetti, Mikko Myrskylä. **"**Medically assisted reproduction and birth outcomes: a within-family analysis using Finnish population registers" *The Lancet*, January 14, 2019 http://dx.doi.org/10.1016/S0140-6736(18)31863-4

Barbuscia Anna; Mikko Myrskylä; Alice Goisis. "The psychosocial health of children born after medically assisted reproduction: Evidence from the UK Millennium Cohort Study." *Social Science and Medicine – Population Health* (2019) Jan 14:100355.

2018 Bohk-Ewald, Christina; Peng Li; Mikko Myrskylä "Forecast accuracy hardly improves with method complexity when completing cohort fertility", *Proceedings of the National Academy of Sciences* (2018), 115 (37) 9187-9192

Barclay, Kieron; Myrskylä, Mikko: "Parental age and offspring mortality: negative effects of reproductive aging may be counterbalanced by secular increases in longevity." *Population Studies* (2018), Vol. 72 (2), 157-173

Fox Jonathan F., Sebastian Klüsener, Mikko Myrskylä "Is a positive relationship between fertility and economic development emerging at the sub-national regional level? Theoretical considerations and evidence from Europe.", *European Journal of Population* (2018)

Christian Dudel, María Andrée López Gómez, Fernando G. Benavides, Mikko Myrskylä "The Length of Working Life in Spain: Levels, Recent Trends, and the Impact of the Financial Crisis" *European Journal of Population* (2018), 34(5), 769-791

Goisis, Alice; Schneider, Daniel C.; Myrskylä, Mikko: "Secular changes in the association between advanced maternal age and the risk of low birth weight: a cross-cohort comparison in the UK.", *Population Studies* 72 (3), 381-397

van Hedel, Karen, Pekka Martikainen, Heta Moustgaard, Mikko Myrskylä. "Cohabitation and mental health: Is psychotropic medication use more common in cohabitation than marriage?", *Social Science and Medicine – Population Health 4*. (2018), 244-253

Goisis, Alice, Hanna Remes, Kieron Barclay, Pekka Martikainen, Mikko Myrskylä "Paternal age and the risk of low birth weight and preterm delivery: a Finnish register-based study", *Journal of Epidemiology & Community Health* (2018) 72(12), 1104-1109

Ruben C. Arslan, Kai P. Willführ, Emma M. Frans, Karin J. H. Verweij, Paul-Christian Bürkner, Mikko Myrskylä, Eckart Voland, Catarina Almqvist, Brendan P. Zietsch, and Lars Penke "Relaxed selection and mutation accumulation are best studied empirically: reply to Woodley of Menie et al.", *Proceedings of the Royal Society B-Biological Sciences* (2018) 285 (1873)

Ruben C. Arslan, Kai P. Willführ, Emma M. Frans, Karin J. H. Verweij, Paul-Christian Bürkner, Mikko Myrskylä, Eckart Voland, Catarina Almqvist, Brendan P. Zietsch, and Lars Penke "Correction to: reply to Woodley of Menie et al.", *Proceedings of the Royal Society B-Biological Sciences* (2018) 285 (1884)

Govert E. Bijwaard, Per Tynelius, Mikko Myrskylä "Education, cognitive ability and cause-specific mortality: a structural approach." *Population Studies* (2018),

2017 Dudel, Christian and Mikko Myrskylä. "Working Life Expectancy at Age 50 in the US and the Impact of the Great Recession", *Demography* (2017), Vol.54(6): 2101-2123

Barclay, Kieron; Hällsten, Martin; Myrskylä, Mikko: "Birth order and college major in Sweden.", *Social Forces* (2017), Vol. 96(2): 629-660

Mehta, Neil K. and Mikko Myrskylä. "The Population Health Benefits of a Healthy Lifestyle: Life Expectancy Increased And Onset Of Disability Delayed" *Health Affairs* 36.8 (2017): 1495-1502.

Goisis, Alice, Berkay Özcan and Mikko Myrskylä. "Decline in the negative association between low birth weight and cognitive ability" *Proceedings of the National Academy of Sciences,* 114(1), 84-88.

Vogt, Tobias C., Alyson A. van Raalte, Pavel Grigoriev, and Mikko Myrskylä. "German East-West mortality difference: two cross-overs driven by smoking". *Demography* (2017): 1-21.

Alice Goisis, Hanna Remes, Kieron Barclay, Pekka Martikainen, 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*, (2017), 186(11), 1219–1226

M Bijlsma, L Tarkiainen, M Myrskylä, P Martikainen "Unemployment and subsequent depression: A mediation analysis using the parametric G-formula" *Social Science and Medicine* 194, 142-150

M Myrskylä, K Barclay, A Goisis "Advantages of later motherhood" - *Der Gynäkologe* (2017), Vol. 50(10), 767-772

Ruben C. Arslan, Kai P. Willführ, Emma Frans, Karin J. H. Verweij, Mikko Myrskylä, Eckart Voland, Catarina Almqvist, Brendan P. Zietsch, Lars Penke. "Older fathers' children have lower evolutionary fitness across four centuries and in four populations.", *Proceedings of the Royal Society B: Biological Sciences (2017)*

Goisis, Alice, Daniel Schneider and Mikko Myrskylä. “The reversing association between advanced maternal age and child cognitive development: Evidence from three UK birth cohorts.” *International Journal of Epidemiology* (2017) 46:3, pp 850–859

Nisén, Jessica, Pekka Martikainen, Mikko Myrskylä and Karri Silventoinen. “Education, other socioeconomic characteristics across the life course and fertility among Finnish men” *European Journal of Population* (2017) https://doi.org/10.1007/s10680-017-9430-8

Carlos Díaz-Venegas, Daniel C. Schneider, Mikko Myrskylä, Neil K. Mehta. “Life expectancy with and without cognitive impairment by diabetes status among older Americans” *PLoS ONE 12(12): e0190488.* https://doi.org/10.1371/journal.pone.0190488

Bijwaard, Govert E., Mikko Myrskylä, Per Tynelius, and Finn Rasmussen. “Educational gains in cause-specific mortality: Accounting for cognitive ability and family-level confounders using propensity score weighting.” *Social Science & Medicine* 184 (2017): 49-56.

2016 Barclay, Kieron, Mikko Myrskylä, Per Tynelius, Daniel Berglind, Finn Rasmussen. “Birth order and hospitalization for alcohol and narcotics use in Sweden.” *Drug and Alcohol Dependence* 167: 15-22 (2016)

Barclay, Kieron, and Mikko Myrskylä. "Advanced Maternal Age and Offspring Outcomes: Reproductive Aging and Counterbalancing Period Trends." *Population and Development Review* 42.1 (2016): 69-94.

Barclay, Kieron and Mikko Myrskylä. “Linear Effects of Maternal Age and Period Trends Cannot Be Distinguished – Reply from Barclay and Myrskylä”. Response to a comment from Neils Keiding and Per Kragh Andersen *Population and Development Review* 42.1 (2016)

Barclay, Kieron and Mikko Myrskylä. “Maternal age and offspring health and health behaviours in late adolescence in Sweden”, *Social Science and Medicine -Population Health* 2: 68-76 (2016)

Margolis, Rachel and Mikko Myrskylä. “Children’s Sex and the Happiness of Parents” *European Journal or Population* Vol. 32(3): 403-420

Barclay, Kieron, Katy Keenan, Emily Grundy, Martin Kolk and Mikko Myrskylä. “Reproductive history and post-reproductive mortality: a sibling comparison analysis using Swedish register data”, *Social Science and Medicine* 155: 82-92 (2016)

2015 Myrskylä, Mikko, Alain Gagnon and Tommy Bengtsson. “Pathways to Health and Well-being” Introduction to the *Social Science & Medicine* Special Issue on Pathways to Health, Vol. 119, 175-179 (doi: 10.1016/j.socscimed.2014.09.031)

Margolis, Rachel and Mikko Myrskylä. “Parental well-being surrounding first birth as a determinant of further parity progression” *Demography* 52(4):1147–1166 (DOI 10.1007/s13524-015-0413-2)

Leinonen Taina, Pekka Martikainen and Mikko Myrskylä. "Working life and retirement expectancies at age 50 by social class: period and cohort trends and projections for Finland" Advance Access publication November 11, 2015, *Journals of Gerontology, Series B: Social Sciences* (doi:10.1093/geronb/gbv104)

Santavirta, Torsten and Mikko Myrskylä. "Reproductive Behavior Following Evacuation to Foster Care during World War II." *Demographic Research,* http://www.demographic-research.org/Volumes/Vol33/1/ (DOI: 10.4054/DemRes.2015.33.1)

Barclay, Kieron and Mikko Myrskylä. "Birth order and physical fitness in early adulthood: Evidence from Swedish military conscription data", *Social Science & Medicine* (2014) Vol. 123, 141-148 (doi:10.1016/j.socscimed.2014.11.007)

Fox, Jonathan and Mikko Myrskylä. "Urban Fertility Responses to Local Government Programs: Evidence from the 1923-1932 U.S.", *Demographic Research, 32(16), 487-532.*

van Raalte, Alyson, Pekka Martikainen and Mikko Myrskylä. "The role of smoking on mortality compression: an analysis of Finnish occupational social classes, 1971-2010", *Demographic Research, 32(20), 589-620.*

2014 Myrskylä, Mikko and Rachel Margolis. "Happiness: Before and After the Kids" *Demography, 51(5), 1843-1866* (doi: 10.1007/s13524-014-0321-x)

Jessica Nisén, Pekka Martikainen, Karri Silventoinen and Mikko Myrskylä. "Age-specific fertility by educational level in the Finnish male cohort born 1940-50" *Demographic Research* 31(5), 119-136

Myrskylä, Mikko, Irma T. Elo, Iliana Kohler and Pekka Martikainen. "The association between advanced maternal and paternal age and increased adult mortality is explained by early parental loss" *Social Science and Medicine,* Vol. 119, 215-223 (doi: http://dx.doi.org/10.1016/j.socscimed.2014.06.008)

Schmertmann, Carl, Emilio Zagheni, Joshua R. Goldstein and Mikko Myrskylä. "Bayesian Forecasting of Cohort Fertility" *Journal of the American Statistical Association* 109(506), 500-513 (doi: 10.1080/01621459.2014.881738)

van Raalte, Alyson, Pekka Martikainen and Mikko Myrskylä. "Lifespan Variation by Occupational Class: Compression or Stagnation Over Time?" *Demography*, 51 (1). 73-95 (doi: 10.1007/s13524-013-0253-x)

Martikainen, Pekka, Riina Peltonen, Pia Mäkelä, Mikko Myrskylä. "Income Differences in Life Expectancy: The Changing Contribution of Harmful Consumption of Alcohol and Smoking." *Epidemiology* 25 (2). 182-190 (doi: 10.1097/EDE.0000000000000064)

Jessica Nisen, Karri Silventoinen, Mikko Myrskylä and Pekka Martikainen. "Effect of family background on the educational gradient in lifetime fertility of Finnish women born 1940-50" *Population Studies,* 68(3), 321-337 (doi: 10.1080/00324728.2014.913807)

Moustgaard, Heta, Kaisla Joutsenniemi, Mikko Myrskylä and Pekka Martikainen. "Antidepressant Sales and the Risk for Alcohol-Related and Non-Alcohol-Related Suicide in Finland—An Individual-Level Population Study" *PLoS ONE*, 9(6): e98405. (doi:10.1371/journal.pone.0098405)

Torre, Roberta and Mikko Myrskylä. "Income inequality and population health: An analysis of panel data for 21 developed countries, 1975-2006." *Population Studies* Vol. 68, No. 1, 1–13 (doi:10.1080/00324728.2013.856457)

Willführ, Kai and Mikko Myrskylä. "Disease Load at Conception Predicts Survival in Later Epidemics in a Historical French-Canadian Cohort, Suggesting Functional Trans-Generational Effects in Humans." *PLoS ONE* 9 (4). e93868 (doi: 10.1371/journal.pone.0093868)

2013 Elo, Irma T, Pekka Martikainen and Mikko Myrskylä. "Socioeconomic status across the life course and all-cause and cause-specific mortality in Finland." *Social Science & Medicine* Vol.119, 198-206 (2013) (doi: 10.1016/j.socscimed.2013.11.037)

Myrskylä, Mikko, Joshua R. Goldstein, and Yen-hsin Alice Cheng. "New Cohort Fertility Forecasts for the Developed World: Rises, Falls, and Reversals" *Population and Development Review* 39(1): 31–56 (March 2013) (doi: 10.1111/j.1728-4457.2013.00572.x)

Myrskylä, Mikko and Rembrandt Scholz. "Reversing East-West mortality difference among German women, and the role of smoking" *International Journal of Epidemiology* (2013) 42 (2):549-558 (doi: 10.1093/ije/dyt008)

Myrskylä, Mikko, Neil K. Mehta and Virginia W. Chang. "Early Life Exposure to the 1918 Influenza Pandemic and Old-Age Mortality by Cause of Death." *American Journal of Public Health* (July 2013), 103:7, e83-e90 (doi: 10.2105/AJPH.2012.301060)

Myrskylä, Mikko, Karri Silventoinen, Per Tynelius and Finn Rasmussen. " Is Later Better or Worse? Association of Advanced Parental Age with Offspring Cognitive Ability Among Half a Million Young Swedish Men." *American Journal of Epidemiology* (2013) 177 (7): 649-655, March 6, 2013 (doi: 10.1093/aje/kws237)

Myrskylä, Mikko. "Commentary: Maternal education accentuates girls' mortality advantage over boys'" *International Journal of Epidemiology* (2013), 42(1): 219–220; (doi:10.1093/ije/dys243)

Myrskylä, Mikko and Joshua R. Goldstein. "Probabilistic Forecasting Using Stochastic Diffusion Models, with Applications to Cohort Processes of Marriage and Fertility." *Demography* (2013) 50(1): 237–260 (doi: 10.1007/s13524-012- 0154-4)

Myrskylä, Mikko, Karri Silventoinen, Aline Jelenkovic, Per Tynelius and Finn Rasmussen. "The association between height and birth order: evidence from 652,518 Swedish men." *Journal of Epidemiology and Community Health* (2013) 67:7, 571-7 (doi: 10.1136/jech-2012-202296)

Margolis, Rachel and Mikko Myrskylä. "Family, money, and health: Regional differences in the determinants of life satisfaction over the life course" *Advances in Life Course Research*, 18:2, 115–126, (doi: http://dx.doi.org/10.1016/j.alcr.2013.01.001)

Willführ, Kai and Mikko Myrskylä. "Phenotype-environment mismatch due to epigenetic inheritance? Programming the offspring's epigenome and the consequences of migration" *American Journal of Human Biology*, 25, 318–328 (doi: 10.1002/ajhb.22362)

Silventoinen, Karri, Mikko Myrskylä, Per Tynelius, Yoshie Yokoyama and Finn Rasmussen. "Social Modifications of the Multiple Birth Effect on IQ and Body Size: a Population-Based Study of Young Adult Males" *Paediatric and Perinatal Epidemiology* Jul;27(4):380-7. (doi: 10.1111/ppe.12054. Epub 2013 Apr 15)

Jelenkovic, Aline, Karri Silventoinen, Per Tynelius, Mikko Myrskylä and Finn Rasmussen. "Association of Birth Order with Cardiovascular Disease Risk Factors in Young Adulthood: A Study of One Million Swedish Men." *PLoS One* 8(5): e63361. (doi: 10.1371/journal.pone.0063361)

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)

Barthold, Julia, Mikko Myrskylä and Owen R. Jones. "Childlessness drives the sex difference in the association between income and reproductive success of modern Europeans." *Evolution and Human Behavior* 33 (2012) 628–638 (doi: 10.1016/j.evolhumbehav.2012.03.003)

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

2025-2031 PI, "EduTrack: Tracking Education Pathways and Social Policies"
Mikko Myrskylä + Emilio Zagheni, Max Planck Institute for Demographic Research in Rostock (MPIDR)
Dagmar Schäfer, Max Planck Institute for the History of Science in Berlin (MPIWG)
Steven Vertovec, Max Planck Institute for the Study of Religious and Ethnic Diversity in Göttingen (MPI-MMG)
Andreas Edel, Population Europe
Total amount granted for all three Max Planck Institutes: 6.069 T€, of which 4.326 T€ is allocated to MPIDR.

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 Erkko 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

2026 Dirk J. Van de Kaa Award for Population Studies – for Outstanding Contributions to Demography, awarded by EAPS

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)

> Dailymail.co.uk/science.orf.at/scienmag.com/theguardian.com | Feb 18, 2021; dpa-Spanisch/El Pais (Main edition)/kurier.at | Feb 19, 2021; tagesspiegel.de | Feb 20, 2021; br.de (BR24)/n-tv.de/rnd.de/tagesschau.de | Feb 21, 2021; news.wisc.edu/ scinexx.de | Feb 22, 2021; thetyee.ca | Feb 23, 2021; F.A.Z Wissen – Der PODCAST | Feb 25, 2021; Tagesspiegel | March 12, 2021; The New York Times | April 25, 2021; washingtonpost.com | July 7, 2021

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.

> n-tv.de/ndr.de/scitechdaily.com | June 5, 2020; deutschlandfunk.de | July 20 and Sept 26, 2020; Focus online | Sept 29, 2020

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)

> Sciencedaily.com | March 17, 2020

Alice Goisis, Hanna Remes, Pekka Martikainen, Reija Klemetti, Mikko Myrskylä. "Medically assisted reproduction and birth outcomes: a within-family analysis using Finnish population registers" *The Lancet* (2019).

> Bild der Wissenschaft | Jan 21, 2020; Ärzteblatt.de | January 15, 2019; nano (3sat) | February 22, 2019

Fox, J. F.; Klüsener, S.; Myrskylä, M. “Is a positive relationship between fertility and economic development emerging at the sub-national regional level? Theoretical considerations and evidence from Europe”, *European Journal of Population* (2018).

Spiegel Online | May 22, 2018; Frankfurter Allgemeine Zeitung | 17 August 2018

Neil K. Mehta and Mikko Myrskylä. “The Population Health Benefits Of A Healthy Lifestyle: Life Expectancy Increased And Onset Of Disability Delayed” *Health Affairs* 36:8 (2017)

Süddeutsche | July 20, 2017; Frankfurter Allgemeine Zeitung | July 20, 2017; New York Magazine/The Cut | July 21, 2017; Daily Mail online | July 21, 2017; Berliner Zeitung.de | July 21, 2017; Time | July 25, 2017; Frankfurter Allgemeine Zeitung | August 02, 2017

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)

Tagesspiegel Online | June 14, 2017; Berliner Morgenpost | October 28, 2017; Hamburger Abendblatt | October 30, 2017

Tobias Vogt, Alyson A. van Raalte, Pavel Grigoriev and M. Myrskylä. "The German East-West Mortality Difference: Two Cross-Overs Driven by Smoking" *Demography* 54:3 (2017)

Fr.de (Frankfurter Rundschau) | July 6, 2022; Welt online | May 10, 2017; Süddeutsche Zeitung | May 11, 2017; Norddeutsche Neueste Nachrichten | May 11, 2017; Ostsee-Zeitung | May 11, 2017;

Alice Goisis, Berkan Özcan, Mikko Myrskylä. “Decline in the negative association between low birth weight and cognitive ability” *Proceedings of the National Academy of Sciences* 114:1 (2017)

Welt online | April 12, 2017; Zeit online | April 12, 2017

Kieron Barclay, Martin Hällsten, Mikko Myrskylä: “Birth order and college major in Sweden.”, *Social Forces* 96:2 (2017)

Welt.de | Dec 7, 2020; Frankfurter Allgemeine Sonntagszeitung | October 17, 2021; Neue Zürcher Zeitung | November 14, 2017; Zeit online | November 14, 2017; derStandard.at | November 15, 2017; Welt | November 17, 2017; Frankfurter Allgemeine Zeitung | November 18, 2017

Kieron Barclay and Mikko Myrskylä. "Advanced Maternal Age and Offspring Outcomes: Causal Effects and Countervailing Period Trends" *Pop. and Dev. Review*, 42:1 (2016)

> Spiegel Online | August 21, 2019; ZEIT online | Apr 11, 2016; derStandard.at | Apr 11, 2016; Galileo.tv | Apr 19, 2016; The Telegraph | Apr 14, 2016; Berliner Morgenpost | Apr 12, Die Welt online | Apr 12, 2016; n-tv.de | Apr 11, 2016; Süddeutsche Zeitung | Apr 11, 2016; Tages-Anzeiger.ch | Apr 11, Neue Osnabrücker Zeitung | Apr 11, 2016

Margolis, Rachel and Mikko Myrskylä. "Parental Well-Being Surrounding First Birth as a Determinant of Further Parity Progression" *Demography*, 42:4 (2015 August)

> Frankfurter Allgemeine Zeitung online | March 13, 2019; Süddeutsche Zeitung online | March 14, 2019; The Economist | Jul 25, 2015; Time | Aug 6, 2015; washingtonpost.com | Aug 11, 2015; Welt online | Aug 10, 2015; Welt online | Aug 6, 2015; ZEIT online | Sep 9, 2015; Frankfurter Allgemeine Zeitung | Aug 5, 2015, Aug 14, 2015, Sep 16, 2016; Hamburger Abendblatt | Aug 6, 2015; Independent | Aug 5, 2015; Spiegel | Aug 14, 2015; La Stampa | Aug 6, 2015; Der Standard.at | Aug 5, 2015; Süddeutsche Zeitung | Aug 6, 2015, Aug 26, 2015

Myrskylä, Mikko and Rachel Margolis. "Happiness: Before and after the Kids" *Demography*, 51:5 (2014 October) pp. 1843-1866 (doi: 10.1007/ s13524-014-0321-x)

> Tagesspielge online | Aug 8, 2022; rnd.de/Welt.de | Sept 7, 2022; stern.de | Sept 11, 2022; derstandard.at | June 28, 2021; New York Times | Oct 30, 2014, 04.03.2015; Times of India | Oct 30, 2014; Washington Post | Oct 26, 2014; The Telegraph | Oct 28, 2014; Bild.de | Jul 7, 2015; Handelsblatt.com | Jul 6, 2015; Hannover Allgemeine Zeitung | Jan 15, 2015; Independent | Oct 28, 2014

Myrskylä, Mikko, Joshua R. Goldstein, Yen-hsin Cheng (2013). "New Cohort Fertility Forecasts for the Developed World: Rises, Falls, and Reversals" *Population and Development Review* 39(1): 31–56.

> The Economist | Jul 25, 2015, Sep 10, 2013; Die Zeit | Mar 21, 2013; Frankfurter Allgemeine Zeitung | Mar 22, 2013; The Japan Times | Jan 23, 2015

Myrskylä, Mikko and Rembrandt D. Scholz. (2013) "Reversing East-West mortality difference among German women, and the role of smoking" *International Journal of Epidemiology* (2013) 42 (2):549-558.

> Die Welt | Jul 09, 2013; Der Spiegel | Apr 15, 2013; Handelsblatt | Jul 10, 2013

Myrskylä, Mikko and Andrew Fenelon. "Maternal Age and Offspring Adult Health: 'Evidence from the Health and Retirement Study." *Demography* 49:4 (2012)

> Die Welt | Apr 20, 2015, Oct 8, 2012; Welt online | Apr 20, 2015, Apr 19, 2015; Psychology Today | Sep 6, 2012; Süddeutsche Zeitung, Oct 20, 2012; Berliner Morgenpost, Oct 09, 2012; Psychology Today, Sep 6., 2012; Fox News | Sep 7, 2012; The Daily Mail | Sep 7, 2012

Margolis, Rachel, and Mikko Myrskylä. "A Global Perspective on Happiness and Fertility." *Population and Development Review*, doi: 10.1111/j.1728-4457.2011.00389.x.

The Washington Post | Jul 7, 2010; The New York Times | Apr 7, 2011; USA Today | May 5, 2012; Le Monde | Sep 23, 2011; Süddeutsche Zeitung | May 29, 2013; Die Welt | Mar 8, 2011; The Sydney Morning Herald | May 19, 2012; The Daily Mail | Mar 9, 2011; Berliner Zeitung | Jun 3, 2011; Hamburger Abendblatt | Sep 9, 2011; Focus online | Mar 7, 2011; USA Today | May 5, 2012; Welt online | Mar 8, 2011

Myrskylä, Mikko, Hans-Peter Kohler and Francesco C. Billari. (2009) “Advances in development reverse fertility declines.” *Nature*, 460, 741-743.

The Economist | Sep 7, 2009; The New York Times | Aug 6, 2009; Neue Züriche Zeitung | Jan 4, 2010; Der Standard | Aug 5, 2009; also Wikipedia | http://en.wikipedia.org/wiki/Demographic_transition