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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. My training includes a PhD in Demography from the University of Pennsylvania and a PhD in Statistics from the University of Helsinki. Most of my work is on population health, fertility dynamics, labor demography, and statistical forecasting. I am the PI of ERC Synergy project BIOSFER: Untangling the causes of low fertility in modern societies, with Co-PIs Siri Eldevik Håbert; and the Director of the Max Planck-University of Helsinki Center for Social Inequalities in Population Health, with co-Director Pekka Martikainen.

POSITIONS

2022—2023 Vice Chair of the Scientific Council of the Max Planck Society
2014— Director, Max Planck Institute for Demographic Research (MPIDR)
2016— Professor of Social Data Science, University of Helsinki
2015— Head of the Laboratory of Population Health, MPIDR
2015— Head of the Laboratory of Fertility and Well-being, MPIDR
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

- 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)
- 2022** H Pifarre I Arolas, E Acosta, C Dudel, JM Hale, M Myrskylä “U.S. Racial/Ethnic Mortality Gap Adjusted for Population Structure” Forthcoming, *Epidemiology*. Available as MPIDR Working Paper WP-2021-023
- DC Schneider, M Myrskylä, A van Raalte “Flexible transition timing in discrete-time multistate life tables using Markov chains with rewards” Forthcoming, *Population Studies*. Available as MPIDR Working Paper WP-2021-002
- 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*, <https://doi.org/10.1093/ije/dyac211> (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).
- 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*, 1-17 (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)

N Campsis, 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* (2022)

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” (2022). In Press *American Journal of Obstetrics & Gynecology*. <https://doi.org/10.1016/j.ajog.2022.10.041>

A Baranowska-Rataj, K Barclay, J Costa-Font, M Myrskylä, B Özcan

“Preterm births and educational disadvantage: heterogeneous effects” *Population Studies*, (2022), DOI: 10.1080/00324728.2022.2080247

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)

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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)

- 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., & Myrskylä, 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.; Lappgård, T.; Li, P.; Martikainen, P.; Neels, K.; Riederer, B.; te Riele, S.; Szabó, L.; Trimarchi, A.; Viciano, 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.

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- 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
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- 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
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- 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

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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

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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

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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.

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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)

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- 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
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- 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)

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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)
- 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)

Working Papers

The dangers of drawing cohort profiles from period data: a research note
A van Raalte, U Basellini, CG Camarda, M Nepomuceno, M Myrskylä
SocArXiv (2022)

Stable marital histories predict happiness and health across educational groups
M Mäki, AE Hägglund, A Rotkirch, S Kulathinal, M Myrskylä
SocArXiv (2022)

N Todd, M Myrskylä

Projection of US adult obesity trends based on individual BMI trajectories
MPIDR Working Paper WP-2022-034 (2022).

M Ponkilainen, E Einiö, M Pietiläinen, M Myrskylä

Educational differences in fertility among female same-sex couples
MPIDR Working Paper WP-2022-030 (2022).

JM Hale, DC Schneider, NK Mehta, M Myrskylä

Understanding cognitive impairment in the U.S. through the lenses of intersectionality and (un)conditional cumulative (dis)advantage
MPIDR Working Paper WP-2022-029 (2022).

A Lam, K Keenan, M Myrskylä, H Kulu

Multimorbid life expectancy across race, socioeconomic status, and gender in South Africa
MPIDR Working Paper WP-2022-024 (2022).

J Hellstrand, J Nisén, M Myrskylä

Educational field, economic uncertainty, and fertility decline in Finland in 2010–2019
MPIDR Working Paper WP-2022-022 (2022).

S Loi, P Li, M Myrskylä

At the intersection of adverse life course pathways: the effects on health by nativity
MPIDR Working Paper WP-2022-018 (2022).

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.” Available at SSRN:
<https://ssrn.com/abstract=4128736> or <http://dx.doi.org/10.2139/ssrn.4128736>

S Sharma, JM Hale, M Myrskylä, H Kulu “Disparities in the population burden of joint cognitive and physical impairment in the US, 1998-2016”

MPIDR Working Paper WP-2022-001

C Bohk-Ewald, E Acosta, T Riffe, C Dudel, M Myrskylä „Magnitude, global variation, and temporal development of the COVID-19 infection fatality burden“,
MPIDR Working Paper WP-2021-024

H Pifarré I Arolas, E Acosta, C Dudel, JM Hale, M Myrskylä

“U.S. racial/ethnic mortality gap adjusted for population structure”
MPIDR Working Paper WP-2021-023 (2021).

C Bohk-Ewald, E Acosta, T Riffe, C Dudel, M Myrskylä „Magnitude, global variation, and temporal development of the COVID-19 infection fatality burden”,
medRxiv (2021)

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”, MPIDR Working Paper WP-2021-018

M Gueltzow, MJ Bijlsma, FJ van Lenthe, M Myrskylä “The contribution of health behaviors to depression risk across birth cohorts”, MPIDR Working Paper WP-2021-017

K van Hedel, H Moustgaard, M Myrskylä, P Martikainen “Work-family typologies and mental health among women in early working ages” MPIDR Working Paper WP-2021-015

E Batyra, T Leone, M Myrskylä „Forecasting of cohort fertility by educational level in countries with limited data availability: the case of Brazil“ MPIDR Working Paper WP-2021-011

J Hellstrand, J Nisén, M Myrskylä “Less partnering, less children, or both?: Analysis of the drivers of first-birth decline in Finland since 2010”, MPIDR Working Paper WP-2021-008

N Campisi, H Kulu, J Mikolai, S Klüsener, M Myrskylä “A spatial perspective on the Nordic fertility decline: the role of economic and social uncertainty in fertility trends” MPIDR Working Paper WP-2020-036

Nisén, J.; Bijlsma, M. J.; Martikainen, P.; Wilson, B.; Myrskylä, M. “The gendered impacts of delayed parenthood on educational and labor market outcomes: a dynamic analysis of population-level effects over young adulthood” *MPIDR Working Paper*, WP-2019-017 (2019).

Barclay, Kieron; Myrskylä, Mikko: “Fertility postponement could reduce child mortality: evidence from 228 demographic and health surveys covering 77 developing countries.” *MPIDR Working Paper* WP-2017-005 (2017).

Myrskylä, Mikko, Hans-Peter Kohler, and Francesco Billari. "High development and fertility: fertility at older reproductive ages and gender equality explain the positive link." *MPIDR Working Paper* WP-2011-017 (2011).

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 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 over 6 years
- 2023 - 2028 Director, Max Planck-University of Helsinki Center for Social Inequalities in Population Health, with Pekka Martikainen, joint director, University of Helsinki

Funding over 5 years: 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.

- 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 over 6 years
- 2019 – 2024 Spokesperson, International Max Planck Research School on Population, Health, and Data Science. Funding for 6 years for a joint doctoral training program with a network of universities.
Amount: 2.4M EUR over 6 years
- 2017 – 2020 PI, Kone Foundation; with Torsten Santavirta (co-PI)
Project: Intergenerational effects of the 1918 Finnish Civil War
Amount: 282,000 EUR over 4 years
- 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 over 5 years
- 2015 – 2016 Co-PI, NIH R24 Network Pilot Grant, with Neil Mehta, Emory University
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) over 5 years (Declined)
- 2009 – 2013 PI, 1,400,000 EUR grant from the Max Planck Society to establish and lead my research group Life Course Dynamics and Demographic Change at the Max Planck Institute for Demographic Research in Rostock, Germany
- 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 Jahnesson 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; theyee.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)

Tagesspiegel 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 Züricher Zeitung | Jan 4, 2010; Der Standard | Aug 5, 2009; also Wikipedia | http://en.wikipedia.org/wiki/Demographic_transition