

Curriculum Vitae

Michael Kuhn

Research group leader “Economic Demography”
Wittgenstein Centre (ÖAW, Univ. Wien, IIASA), Vienna Institute of Demography

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URL: <http://www.wittgensteincentre.org/en/staff/member/kuhn.htm>

<http://medpro-project.eu/>

<https://www.oeaw.ac.at/vid/research/research-projects/life-shocks/>

Research Fields

Applied Microeconomics, Health Economics, Life-cycle Modelling, Overlapping Generations Models,
Population Economics

Academic Qualifications:

- 2007 Positive Evaluation of first 3-year term of Juniorprofessorship, University of Rostock
(equivalent to “Habilitation”)
- 2001 Dr. rer. Pol. (s.c.l.), University of Rostock, Germany

Academic Employment:

- 2014- Research group leader “Economic Demography”, Vienna Institute of Demography
- 2018-2019 Research Scholar, International Institute of Applied Systems Analysis (IIASA)
- 2008-2014 Senior researcher, Vienna Institute of Demography
- 2005-2008 Juniorprofessor, Max-Planck-Institute of Demographic Research (MPIDR), Rostock
and University of Rostock
- 1999-2004 Lecturer, Centre for Health Economics and Department of Economics and Related
Studies, University of York
- 1994-1999 Scientific Assistant, Faculty for Economic and Social Sciences, University of Rostock

Affiliations and Memberships:

- 2014- Field Committee on "Population Economics", Verein für Socialpolitik
 2008- Field Committee on "Health Economics", Verein für Socialpolitik

Austrian Health Economics Association (ATHEA), Deutsche Gesellschaft für Gesundheitsökonomie (German Health Economics Association), European Association for Population Studies (EAPS), Nationalökonomische Gesellschaft (Austrian Economic Society), Royal Economic Society, Verein für Socialpolitik (German Economic Society),

Research Awards (selected):

- 2020 "AMI risks and treatment outcomes across Vienna districts. An examination of the Vienna register of cardiac catheterisation"; City of Vienna MA7/ÖAW funded project; Principal Investigator; EUR 19,500.
- 2018-2020 "Life-cycle behaviour in the face of large shocks to health"; Austrian Science Fund (FWF) stand alone project (P30665-G27); Co-applicant; EUR 397,434. Project Website: <https://www.oeaw.ac.at/vid/research/research-projects/life-shocks/>
- 2014-2017 "Medical Progress, Health Expenditure and Population Ageing"; Austrian Science Fund Stand-Alone Project (Project Number P 26184-G11); Principal Investigator; EUR 273,000. Project Website: <http://medpro-project.eu/>
- 2013-2014 "Women's Health and Economic Development"; Harvard School of Public Health; Project Consultant; USD 10,000.

Professional Activity:

- 2020 Co-organiser of the 2020 Wittgenstein Centre International Conference "Demographic Aspects of the COVID-19 Pandemic and its Consequences"
- 2020 Annual Meeting of the Austrian Economic Society (NOeG) 2020: Programme Committee
- 2018- Medical University Vienna: Scientific advisory board for MBA programme "Health care management"
- 2018-2019 Guest Editor: Empirica (NOeG 2018 Conference Issue)
- 2017-2018 Co-Organiser: 2018 Annual Conference of the Austrian Economic Society (NOeG); conference theme "The Future of Health Care Systems"
- 2015- Associate Editor: Journal of the Economics of Ageing
- 2014-2015 Guest Editor: Vienna Yearbook of Population Research, 2014 edition
- 2013 Co-Organiser: International Conference on Health, Education and Retirement over the Prolonged Life-Cycle
- 2006- Co-Organiser: workshop series "Labour, Health and Education under Demographic Change"

Refereeing (selection)

European Economic Review, Journal of Health Economics, Journal of Public Economics, Health Economics, International Journal of Industrial Organization, Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control, Journal of Industrial Economics, Population and Development Review, Environmental and Resource Economics, European Journal of Political Economy, Macroeconomic Dynamics, Mathematical Social Sciences, Southern Economic Journal, Journal of the Economics of Ageing, Bundesgesundheitsblatt, Vienna Yearbook of Population Research.

Austrian Panel for Climate Change, Fonds National de la Recherche Scientifique (FNRS) Belgium, Polish Science Fund.

Teaching Commitments (since 2008):

2017, 2018	Vienna University of Economics and Business (WU Wien) Health Economics (Lecture, MBA Health Care Management)
2016	University of Augsburg Health Economics (Lecture, MSc)
2013-2015	Medical University of Vienna Gesellschaftliche und makroökonomische Umfeldbedingungen des Gesundheitssystems (Macroeconomics of Health Care Systems) (Lecture, MBA)
2009, 2010	Vienna Technical University Gesundheitsökonomie (Health Economics) (Lecture, Graduate)

Policy and Outreach (selected):

2019: Co-author to “The World in 2050” Report “[The Digital Revolution and Sustainable Development: Opportunities and Challenges](#)”, presented to UN [High-Level Political Forum on Sustainable Development](#)

2019: Austrian Academy of Science, Research video
<https://www.oeaw.ac.at/detail/news/landaerzte-bleiben-wo-es-junge-gibt-1/>

2018: Austrian Academy of Science, Research (Forschungsfrage) Video on Medical Progress:
<https://www.oeaw.ac.at/veranstaltungen-kommunikation/multimedia/galerien-und-videos/forschungsfrage/>

2018: chapter “Escaping poverty: investing in women’s human capital” (with DE Bloom and K Prettnner) contributed to Credit Suisse Research Institute “[Davos Edition 2018](#)” Report on “[Eradicating extreme poverty](#)”.

2016: Contributor to UNFPA 2016 [State of World Population Report: “10: How our future depends on a girl this decisive age”](#).

Press (selected)

2019: Austrian National Broadcasting Ö1: Mittagsjournal (16 October 2019), Handelsblatt, [Focus \(16 October 2019\)](#), [Wiener Zeitung \(16 October 2019\)](#), [Die Presse \(15 November 2019\)](#) (on the macroeconomic burden of road injuries)

2019: [APA \(04 June 2019\)](#), [Der Standard \(05 June 2019\)](#) (on population change and regional distribution of physicians)

2016: [Die Presse \(29 January 2016\)](#), [Medizin & Technik \(02 2016\)](#), [FWF Sci-Log](#) (on medical Progress and health expenditure)

2015: Gillian B White in [The Atlantic Monthly \(6 August 2015\)](#), (on female health)

Selected Publications:

I Frankovic, **M Kuhn** and S Wrzaczek, 2020, On the anatomy of medical change within an overlapping generations economy, *De Economist*, [in press](#).

S Wrzaczek, **M Kuhn** and I Frankovic, 2020, Using age structure for a multi-stage optimal control model with random switching time, [Journal of Optimization Theory and Applications 184, 1065-1082](#).

SE Chen, **M Kuhn**, K Prettner and DE Bloom, 2019, Noncommunicable diseases attributable to tobacco use in China: Macroeconomic burden and tobacco control policies, [Health Affairs 38\(11\), 1832-1839](#). (Included in *Health Affairs* [Editor's top-10](#) for 2019).

SE Chen, **M Kuhn**, K Prettner and DE Bloom, 2019, The global macroeconomic burden of road injuries: Estimates and projections for 166 countries, [Lancet: Planetary Health 3, e390-e398](#).

M Kuhn and C Ochsen, 2019, Population Change and the Regional Distribution of Physicians, [Journal of the Economics of Ageing 14, 100197](#).

I Frankovic and **M Kuhn**, 2019, Access to health care, medical progress and the emergence of the longevity gap: A general equilibrium analysis, [Journal of the Economics of Ageing 14, 100188](#).

DE Bloom, **M Kuhn** and K Prettner, 2019, Health and growth, [Oxford Research Encyclopedia on Economics and Finance](#).

S Chen, **M Kuhn**, K Prettner, DE Bloom, 2018, The macroeconomic burden of noncommunicable diseases in the United States: Estimates and projections, [PLoS ONE 13\(11\): e0206702](#).

DE Bloom, S Chen, **M Kuhn**, ME McGovern, L Oxley and K Prettner, 2018, The economic burden of chronic diseases: estimates and projections for China, Japan and South Korea, [Journal of the Economics of Ageing, in press](#).

M Kuhn and K Prettner, 2018, Population Structure and Consumption Growth: Evidence from National Transfer Accounts, [Journal of Population Economics 31, 135-153](#).

DE Bloom, **M Kuhn** and K Prettner, 2017, Africa's prospects for enjoying a demographic dividend, [Journal of Demographic Economics 83, 63-76](#).

M Kuhn and K Prettner, 2016, Growth and welfare effects of health care in knowledge-based economies, [Journal of Health Economics 46, 100-119](#)

M Kuhn, S Wrzaczek, A Prskawetz and G Feichtinger, 2015, Optimal Choice of Health and Retirement in a Life-Cycle Model, [Journal of Economic Theory 158, 186-212](#).

M Kuhn and L Siciliani, 2013, Manipulation and Auditing of Public Service Contracts, [European Journal of Political Economy 32, 251-267](#).

M Kuhn, S Wrzaczek, A Prskawetz and G Feichtinger, 2011, Externalities in a Life-Cycle Model with Endogenous Survival, [Journal of Mathematical Economics 47, 627-641](#).

M Kuhn and R Nuscheler, 2011, Optimal Public Provision of Nursing Homes and the Role of Information, [Journal of Health Economics 30, 795-810](#).

G Feichtinger, **M Kuhn**, A Prskawetz, S Wrzaczek, 2011, The Reproductive Value as Part of the Shadow Price of Population, [Demographic Research 24, article 28, 709-718](#).

S Wrzaczek, **M Kuhn**, A Prskawetz and G Feichtinger, 2010, The Reproductive Value in Distributed Optimal Control Models, [Theoretical Population Biology 77, 164-170](#).

M Kuhn, S Wrzaczek and J Oeppen, 2010, Recognizing Progeny in the Value of Life, [Economics Letters 107, 17-21, 2010](#).

M Kuhn and L Siciliani, 2009, Performance Indicators for Quality with Costly Falsification, [Journal of Economics and Management Strategy 18\(4\), 1137-1154](#).

M Kuhn, 2007, Minimum Quality Standards and Market Dominance in Vertically Differentiated Duopoly, [International Journal of Industrial Organization 25\(2\), 275-290](#).

KR Brekke and **M Kuhn**, 2006, Direct to Consumer Advertising in Pharmaceutical Markets, [Journal of Health Economics 25, 102-130](#).

Discussion Papers (selection):

M Kuhn and K Prettnner, 2020, Rising longevity, increasing the retirement age, and the consequences for knowledge-based long-run growth, [Global Labor Organization DP 462](#).

I Frankovic and **M Kuhn**, 2018, Health insurance, endogenous medical progress, and health expenditure growth, [Vienna University of Technology: Econ Working Paper 01/2018](#).

S Ghislandi and **M Kuhn**, 2016, Asymmetric information in the regulation of the access to markets, [Vienna University of Economics and Business: WU Economics Working Paper 219](#).

DE Bloom, **M Kuhn** and K Prettnner, 2015, The Contribution of Female Health to Economic Development, [NBER Working Paper 21411](#) (also [IZA Discussing Paper 9268](#)).