

Karen van Hedel, MSc

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Academic positions	Research scientist , Laboratory of Population Health, Max Planck Institute for Demographic Research, Rostock, Germany.	11/2015–present
	Scientific researcher , Department of Public Health, Erasmus University Medical Center, Rotterdam, Netherlands.	12/2011–05/2015
	Several part-time positions as student, research and teaching assistant , Erasmus School of Economics, section Applied Economics-Health economics / Erasmus CMDz / Institute of Health Policy and Management, Erasmus University Rotterdam, Rotterdam, Netherlands.	07/2008–06/2010
Education	Ph.D in Public Health (expected 2018) , Erasmus University Medical Center, Rotterdam, Netherlands. Promotors: Prof. Dr. J.P. Mackenbach, Prof. Dr. F.J. van Lenthe and Prof. Dr. M. Avendano. Thesis: Inequalities in health in the US and Europe. The role of education and work-family factors.	12/2011–present
	M.Sc. in Health Economics , University of York, York, United Kingdom.	10/2010–01/2012
	First-year certificate in Econometrics and Operations Research , Erasmus University Rotterdam, Rotterdam, Netherlands.	09/2009–08/2010
	M.Sc. in Health Economics, Policy and Law , Erasmus University Rotterdam, Rotterdam, Netherlands.	09/2008–02/2010
	B.Sc. in Health Policy and Management , Erasmus University Rotterdam, Rotterdam, Netherlands.	09/2005–08/2008
Additional training	MaxNetAging Research School , Max Planck Institute for Demographic Research, Rostock, Germany.	02/2016–present
	Matrix Approaches to Health Demography , Max Planck Institute for Demographic Research, Rostock, Germany.	2016
	Summer School on Longitudinal and Life Course Research , Department of Sociology, University of Oxford, Oxford, United Kingdom.	2013
	Erasmus Summer Programme: Causal Inference, Survival Analysis , Netherlands Institute for Health Sciences, Erasmus University Medical Center, Rotterdam, Netherlands.	2013
	Quantitative Methods for Public Policy Evaluation , Microeconometrics Summer School, Barcelona GSE, Graduate School of Economics, Barcelona, Spain.	2012
Research visits	Visiting researcher , Institut National d'Études Démographiques, Paris, France.	07/2014

Research interests	<p>General: Public health, social epidemiology, population health, disparities in health, life course and ageing, the US health disadvantage</p> <p>Specific: (explaining) socioeconomic inequalities in health, social determinants of health and mortality, family factors and (mental) health, life course approaches to health and health disparities, work-family trajectories, cross-national differences in health</p>	
Project involvement	<p>Project member of several projects focusing on social determinants of health and life expectancy at the Max Planck Institute for Demographic Research: namely "Social and economic determinants of mental and cognitive health", "Social and economic determinants of hospital use, morbidity, and mortality over the life course", "Assessment of methods in population health", and "The role of health behaviors in social differentials in mortality"</p>	2015–present
	<p>Project member of "Social Protection, Work and Family Strain: Cumulative Disadvantage Effects in the US and Europe", funded by the National Institute on Ageing (grant number R01 AG040248).</p>	2011–2015
	<p>Project member of "Demetriq – Developing Methodologies to Reduce Inequalities in the Determinants of Health", funded by the Seventh Framework Programme for Research (grant agreement no. 278511).</p>	2012–2015
Dataset experience	<p>Demetriq Data collected in the project 'Developing Methodologies to Reduce Inequalities in the Determinants of Health'</p> <p>EKSY Random sample of the longitudinal population data file of Statistics Finland</p> <p>ERFI Étude des Relations Familiales et Intergénérationnelles</p> <p>Eurothine Data collected in the project 'Tackling Health Inequalities in Europe'</p> <p>Euro-GBD-SE Data collected in the project 'The potential for reduction of health inequalities in Europe'</p> <p>GLOBE Dutch acronym for Health and Living Conditions of the Population of Eindhoven and surroundings</p> <p>IHIS Integrated Health Interview Survey, IPUMS Health Surveys: NHIS</p> <p>NHIS US National Health Interview Survey</p> <p>SHARE Survey of Health Ageing and Retirement in Europe (including the retrospective data)</p>	
Teaching experience	<p>Lecture on "The causal effect of first occupation on health. Selection into occupations, an intuitive explanation" for M.Sc. students at the Netherlands Institute for Health Sciences (NIHES), Erasmus University Medical Center, Rotterdam, Netherlands.</p>	2012–2014
	<p>Supervising public health community project of 3rd year medical students at the Erasmus University Medical Center, Rotterdam, Netherlands.</p>	2013
	<p>Guiding practicum groups, grading exams and marking assignments for the M.Sc. programme Health Economics, Policy and Law at the Erasmus University Rotterdam, Rotterdam, Netherlands.</p>	2009–2010

Publications**Peer-reviewed articles**

- Y. Hu, F.J. van Lenthe; R. Hoffmann, **K. van Hedel** and J.P. Mackenbach. "Assessing the impact of natural policy experiments on socioeconomic inequalities in health: how to apply commonly used quantitative analytical methods?" (2017). *BMC Med Res Methodol.* 17(1):68. doi: 10.1186/s12874-017-0317-5. (4)
- K. van Hedel**, I. Mejía-Guevara, M. Avendano, E.L. Sabbath, L.F. Berkman, J.P. Mackenbach and F.J. van Lenthe. "Work-family trajectories and the higher cardiovascular risk of American women relative to women in 13 European countries" (2016). *Am J Public Health.* 108(8):1449-1456. doi: 10.2105/AJPH.2016.303264. (3)
- K. van Hedel**, F.J. van Lenthe, M. Avendano, M. Bopp, S. Esnaola, K. Kovács, P. Martikainen, E. Regidor and J.P. Mackenbach. "Marital status, labour force activity and mortality: A study of the United States and 6 European countries." (2015). *Scand J Public Health.* 43(5):469-480. doi: 10.1177/1403494815578947. (2)
- K. van Hedel**, M. Avendano, L.F. Berkman, M. Bopp, P. Deboosere, O. Lundberg, P. Martikainen, G. Menvielle, F.J. van Lenthe and J.P. Mackenbach. "The contribution of national disparities to international differences in mortality between the United States and 7 European countries." (2015). *Am J Public Health.* 105(4):e112-e119. doi: 10.2105/AJPH.2014.302344. (1)

Conference presentations

- Annual Meeting of the Population Association of America, Denver, US** April 26-28, 2018
Oral presentation of "Work-family typologies and mental health among Finnish young adults" (K. van Hedel, H. Moustgaard, M. Myrskylä, P. Martikainen); and poster presentation of "Partnership, parenthood, employment and mental health in young adulthood: Results from longitudinal Finnish registry data" (K. van Hedel, M. Myrskylä, P. Martikainen, H. Moustgaard).
- European Population Conference 2018, Brussels, Belgium** June 6-9, 2018
Oral presentation of "Partnership, parenthood, employment and mental health in young adulthood: Results from longitudinal Finnish registry data" (K. van Hedel, M. Myrskylä, P. Martikainen, H. Moustgaard).
- Annual Meeting of the Population Association of America, Chicago, US** 2017
Poster presentations of "Parenthood, gender and mental health: Are children good for your mental health?" (K. van Hedel, P. Martikainen, H. Moustgaard and M. Myrskylä); and "Cohabitation and mental health: Is cohabiting as good for your mental health as marriage is?" (K. van Hedel, P. Martikainen, H. Moustgaard and M. Myrskylä)
- European Public Health Conference, Vienna, Austria** 2016
Oral presentation of "Cohabitation and mental health: Is cohabiting as good for your mental health as marriage is?" (K. van Hedel, P. Martikainen, H. Moustgaard and M. Myrskylä)
- Annual Meeting of the Population Association of America, San Diego, US** 2015
Oral presentation of "Mortality trends by education in the United States and Europe: Is the US lagging behind?" (K. van Hedel, M. Avendano, F.J. van Lenthe and J.P. Mackenbach.)
- Annual Meeting of the Population Association of America 2014, Boston, US** 2014
Oral presentation of "Do work-family patterns over the life-course influence health later in life? A sequence analysis approach across the United States and 11 European countries" (K. van Hedel, M. Avendano, I. Mejía-Guevara, E.L. Sabbath and F.J. van Lenthe)

	<p>Nederlands Congres Volksgezondheid, Rotterdam, Netherlands 2014</p> <p>Oral presentation of "De relatie tussen het combineren van werk- en zorgtaken en gezondheidsuitkomsten (EN: The relation between combining work and care tasks, and health outcomes)" (K. van Hedel, F.J. van Lenthe and J.P. Mackenbach)</p>	
	<p>4th SHARE User Conference, Liège, Belgium 2013</p> <p>Oral presentation of "Do work-family patterns over the life-course influence health at old age?" (K. van Hedel, M. Avendano, I. Mejía-Guevara, E. Sabbath and F.J. van Lenthe)</p>	
	<p>Annual Meeting of the Population Association of America, New Orleans, US 2013</p> <p>Oral presentations of "The contribution of larger educational inequalities in mortality to the national mortality disadvantage of the United States. A comparison with 7 Western European countries" (K. van Hedel, M. Avendano, L.F. Berkman, F.J. van Lenthe, J.P. Mackenbach with support from member of the Eurothine Consortium); and "The protective effect of marriage and labor force activity on mortality. A comparison between the United States and five European countries" (K. van Hedel, F.J. van Lenthe, M. Avendano, J.P. Mackenbach with support from members of the Eurothine Consortium.)</p>	
Professional memberships	Population Association of America	2013–2016
Reviewed for	American Journal of Public Health; European Journal of Aging; European Journal of Public Health; Genus: Journal of Population Sciences; International Journal of Epidemiology; PLOS ONE; Public Health	
Awards	Encouragement Award 2016 from the Department of Public Health, Erasmus University Medical Center, for our paper "Work-family trajectories and the higher cardiovascular risk of American women relative to women in 13 European countries", published in the <i>American Journal of Public Health</i> .	2016
In the media	(Social) Media coverage of "Work-family trajectories and the higher cardiovascular risk of American women relative to women in 13 European countries" published in the <i>American Journal of Public Health</i> by, but not limited to, Reuters.com and HealthDay .	2016