

Jornt Johan Mandemakers

Curriculum vitae

Personal details

www.jornt.eu

EMPLOYMENT

- Mar 2017 – present **Assistant professor** (ud-1). Utrecht University.
- Aug 2014 – Feb 2017 **Assistant professor** (ud-2). University of Wageningen.
- Sep 2011 – July 2014 **Post-doctoral researcher** at the department of Sociology, University of Groningen. Research on the interplay between genetic and social determinants of fertility behavior (on VIDI project Melinda Mills).

EDUCATION

- Sept 2007 – Aug 2011 PhD student at the department of Sociology, Tilburg University
Defended 9th of December 2011.
- Title of thesis: “*Socio-economic differentials in the impact of life course transitions on well-being.*”
- Supervisors:
Prof. dr. Matthijs Kalmijn (promotor); dr. Christiaan Monden (copromotor)
- 2006 – 2007 European Research Master of Demography, European Doctoral School of Demography, Max Planck Institute of Demographic Research in Rostock, Germany
- 2004 - 2006 MSc. Sociology and Social Research, Utrecht University. *Cum laude*
- 2001 - 2004 BSc. Sociology, Utrecht University (Completed first three years of doctoral program Sociology (= equivalent to BSc.) then continued studies in the Sociology and Social Research master program)
- 1995 – 2001 Secondary school (Atheneum VWO), Oostvaarderscollege, Almere.
Courses: Dutch, English, German, Math A, Geography, Economics, Physics.
Average grade 8+

Publications

Please also see [google scholar](#) profile for up-to-date citations (790+ citations, h-index = 13, December 2020).

International refereed journals (17)

- Van der Put, A., **J.J. Mandemakers**, J. de Wit & T. van der Lippe. (2020) "Worksite health promotion and social inequalities in health" *Social Science & Medicine – Population Health* doi:10.1016/j.ssmph.2020.100543
- Kunto, Y. & **J.J. Mandemakers**. (2019). "The effects of prenatal exposure to Ramadan on stature during childhood and adolescence: Evidence from the Indonesian Family Life Survey." *Economics and Human Biology*. Vol. 33: 29-39. doi:10.1016/j.ehb.2018.12.001.
- **Mandemakers, J.J.** & Kalmijn, J.J. (2018). "From bad to worse? Effects of multiple adverse life course transitions on mental health." *Longitudinal and Life Course Studies*, 9, 299-311.
- la Roi, C. & **Mandemakers, J.J.** (2018). Acceptance of homosexuality through education? Investigating the role of education, family background and individual characteristics in the United Kingdom. *Social Science Research*, 71, 109-128
- Nebenzahl-Guimaraes, van Laarhoven, Farhat, Koeken, **Mandemakers**, Zomer, van Hijum, Netea, Murray, van Crevel & van Soolingen. (2017). "Transmissible Mycobacterium tuberculosis Strains Share Genetic Markers and Immune Phenotypes." *American Journal of Respiratory And Critical Care Medicine* doi:10.1164/rccm.201605-1042OC
- Tropf, F.C. & **Mandemakers, J.J.** (2017) "Is the association between education and fertility postponement causal? The role of family background factors." *Demography* 54(1), 71-91. doi:10.1007/s13524-016-0531-5
- Barban, N., et al, **Mandemakers, J.J.** (shared 2nd author). (2016) "Genome-wide analysis identifies 12 loci influencing human reproductive behavior." *Nature Genetics* 48, 1462-1472. doi:10.1038/ng.3698
- Roeters, A., **Mandemakers, J.J.** and Voorpostel, M. (2016) "Parenthood and Well-Being: The Moderating Role of Leisure and Paid Work". *European Journal of Population* 32, 382-401. doi:10.1007/s10680-016-9391-3
- Klijs, B., Scholtens, S., **Mandemakers, J.J.**, Snieder, H., Stolk, R.P., and Smidt, N. (2015) Representativeness of the LifeLines Cohort Study. *PloS one* 10 (9), e0137203
- Tropf, F., Barban, N., Mills, M., Snieder, H., and **Mandemakers, J.J.** (2015) "A Behavioral Genetic Study of Age at First Birth of Female UK Twins." *Population Studies* 69 (2), 129-145
- **Mandemakers, J.J.** and Roeters, A. (2015) "Fast or slow food? Explaining trends in time spent preparing and consuming food in the Netherlands, 1975-2005." *Acta Sociologica* 58 (2), 121-137
- **Mandemakers, J.J.** and Kalmijn, M. (2014). "Do mother's and father's education condition the impact of parental divorce on child well-being?" *Social Science Research* 44: 187-199.
- **Mandemakers, J.J.** and C.W.S Monden. (2013). "Does the effect of job loss on psychological distress differ by educational level?" *Work, Employment and Society* 27:73-93.
- Laarhoven, A., van, **J.J. Mandemakers**, J. Kleinnijenhuis, E. Mimount, L. Joosten, T. Ottenhoff, M. Netea, D. Soolingen, van, and R. Crevel, van. (2013). "Low Induction of Proinflammatory Cytokines Parallels Evolutionary Success of Modern Strains within the Mycobacterium tuberculosis Beijing Genotype." *Infection and Immunity* 81:3750-3756.
- **Mandemakers, J.J.**, C.W.S. Monden, and M. Kalmijn. (2010). "Are the effects of divorce on psychological distress modified by family background?" *Advances in Life Course Research* 15:27-40.
- **Mandemakers, J.J.** and C.W.S. Monden. (2010). "Does education buffer the impact of disability on psychological distress?" *Social Science & Medicine* 71:288-297.
- **Mandemakers, J.J.** and P. Dykstra. (2008). "Discrepancies in Parent's and Child's Reports of Support and Contact." *Journal of Marriage and Family* 70:495-506.

Dutch refereed (1)

- **Mandemakers, J.J.** and P. Dykstra. (2007). "Vertekening en onnauwkeurigheid in de rapportage van intergenerationele steun en contact door ouder en kind (Bias and unreliability in reports of intergenerational support and contact by parent and child)." *Mens en Maatschappij* 81:72-96.

Dutch non-refereed (2)

- **Mandemakers, J.J.** (2019) "In de etalage: Van kwaad tot erger? De invloed van simultane tegenslagen in de levensloop op de mentale gezondheid." (In the spotlight: From bad to worse? The influence of simultaneous setbacks in the life course on mental health). *Mens en Maatschappij*
- **Mandemakers, J.J.** (2016) De pijn van een scheiding treft vooral moeders met jonge kinderen. (The pain of divorce mainly affects mothers with young children) *Demos*, 32-1: 4-5

Contributions to books (5)

- Walhout, E. & **J.J. Mandemakers**. (2019) "Infant mortality in the city of Roosendaal (the Netherlands), 1865-1908." *An infants' graveyard? Region, Religion, and Infant Mortality in North Brabant, 1840-1940*, edited by Walhout.
- Walhout, E., **J.J. Mandemakers** & F. van Poppel. (2019) "Region or Rome? Explaining high infant mortality in the late nineteenth- and early twentieth-century Dutch Catholic South: the effects of region and religion." *An infants' graveyard? Region, Religion, and Infant Mortality in North Brabant, 1840-1940*, edited by Walhout.
- A. van der Put & **J.J. Mandemakers** (2018) "Health-Promoting Organizations? The availability of Worksite Health Promotion in Europe" in *Investments in a Sustainable Workforce in Europe*, edited by van der Lippe & Lippényi. Routledge
- **Mandemakers, J.J.** (2014). "Life events." in *Encyclopedia of Quality of Life Research*, edited by Michalos, A.C.: Springer, Dordrecht, pp 3560-3563.
- Dykstra, Pearl and **J.J. Mandemakers**. (2008). "Verschillen tussen ouders en kinderen in de rapportage van steun en contact. (Differences between parents and children in reports of support and contact)." Pp. 47-68 in *Multi-actor data in survey onderzoek. Bijdragen aan het DANS symposium van 17 januari 2007*, edited by Kalmijn and Wittenberg.

Grants

- Co-applicant, Edema-Steernberg foundation. "Ten2Twenty: Convergence and trade-offs of nutritional, social and economic pathways during adolescence among girls in low and middle income countries." Led by Prof. H. Bras. and Dr. I. Brouwer, Wageningen University. Funding for 1 full PhD and 1 'sandwich' PhD was awarded in 2016 (~€250.000.).
- Co-applicant, Large Networking Collaborative Project, FP7-SSH-2012 European Research Council (ERC), 'Families And Societies – Changing Families and Sustainable Societies: Policy contexts and diversity over the life course and across generations.' Led by L. Olah University of Stockholm, Co-applicant (together with Prof. M. Mills) and co-leader of Working Package: 'The changing role of children and societal implications: Assisted reproduction, late fertility and childlessness' Value of award: €7.5 million, approximately €333,000 was awarded to Sociology at the RUG.
- NWO vidi application (€800.000), made it to last round 2019 (this year), final rating was very good ("zeer goed"). Title: "Partners in health? Genes, social influence, and partner selection in health inequalities".
- NWO veni application (€250.000) made it to last round 2014 (interview stage) ("Social and genetic determinants of healthy lifestyle: Clarifying the role of education and the partner"). Final rating was very good ("zeer goed").

PhD supervision

- Kunto, Yohanes. WUR. Co-promotor. Defense will be in 2021. Hilde Bras is the promotor. Thesis title: “Gender, religion, and ethnicity: Socio-cultural and economic influences on child and adolescent nutrition in Indonesia”.
- Van der Put, Anne. UU. Co-promotor. Project started 9-2018. Tanja van der Lippe is the promotor. Project: “Healthy employees in Europe: the organizational context”.
- Examiner (sole opponent) PhD defense of Niina Metsä-Simola. Thesis title “Divorce, mental health, and mortality. A longitudinal register study” (promotor prof dr. Pekka Martikainen), University of Helsinki, Finland, September 2018.

Under review/working papers/conference papers (selection)

- Mandemakers, J.J. & H. Bras. “Women’s empowerment, sibling position and child nutritional status in Ethiopia.” *Under review at Economics & Human Biology*.
- Stein, J., J.J. Mandemakers & A. van der Rijt. “No evidence for structural balance in nuclear families”. *Under review at Journal of Marriage and Family*
- Mandemakers, J.J. & K. Otten. “Partners in health? Investigating social genetic effects and social influence among partners.” bioRxiv preprint <https://doi.org/10.1101/688523> to be submitted to *Nature Human Behavior*.
- Mandemakers, J.J. & F. Tropf. “A closer look at within and between family associations of education and fertility in the Netherlands” to be submitted to *Demographic Research*
- Tropf, F., J.J. Mandemakers, et al. “The causal effect of educational level on fertility. A meta-analysis of twin cohorts.”

Selection of presentations

- “Partners in health? Investigating social genetic effects and social influence among partners.” Presented at the Integrating Genetics & the Social Sciences Conference (‘IGSS’), Boulder, Colorado, USA, October 2018.
- “Women’s empowerment, sibling position and child nutritional status in Ethiopia” presented at the Population Association of America Annual Meeting 2018, Denver, Colorado, April 2018.
- “Returns to birth weight in an egalitarian setting. Can parents mitigate negative effects of low birth weight?” Behavior Genetics Conference 2017 (‘BGA’), Oslo, Norway
- “Do Genetic Markers for Infertility Problems Predict Childlessness and Completed Fertility?” paper presented at the bi-annual meeting of the European Society for Health and Medical Sociology, Geneva, Switzerland
- “Additive or interactive accumulation in the life course. A study of life course effects on well-being” paper presented at the Dutch Sociology Day, Tilburg, the Netherlands, June 2016.
- “The causal effect of educational level on fertility. A genetically-informed analysis using UK twins.” paper presented at the annual meeting of the Population Association of America, Washington D.C., April 2016.
- “The transition to parenthood and subjective well-being: the role of changes in paid work and leisure” paper presented at the annual meeting of the Population Association of America, San Diego, May 2015.
- “Do Genetic Markers for Infertility Problems Predict Childlessness and Completed Fertility?” Paper presented at Population Association of America Annual Meeting 2014, Boston, May 2014.
- “The causal effect of educational level on fertility. A genetically-informed analysis using UK twins” presentation at the Dutch Sociology Day, Nijmegen, 30th May 2013.
- “Is fertility in the genes? A GWAS (genetic-wide association search) of reproductive choice” presentation at the Dutch Demography Day, Utrecht, November 2012.

Invited lectures/colloquia (selection)

- April 2019. “Partners in health?” Research colloquium. Sociology, Tilburg University
- 2018 “Partners in health? Investigating social genetic effects and social influence among partners.”, invited talk at kick-off meeting NORFACE project ‘Gene-Environment Interplay in Education & Health’, October 2018, Erasmus University, Rotterdam
- 2017 “Social and genetic factors influencing human fertility behavior.”, invited talk, Behavior Genetics Conference (‘BGA’) 2017, Oslo, Norway
- 2017 “Life events and well-being”, guest lecture, Sociology bachelor program, Tilburg University, the Netherlands
- 2014 “Unravelling the Link between Education and Fertility using biosocial models”, invited talk, Family and Population Studies Leuven, University of Leuven, Leuven, Belgium.
- 2013 “Socio-economic differentials in the impact of life course transitions on well-being.”, invited talk, at the Trimbos Institute, Utrecht, the Netherlands.

Teaching

Teaching qualification & courses

- Dutch university teaching qualification 2014 (**BKO**; BasisKwalificatie Onderwijs) at University of Groningen (RUG).
- Course basic teaching skills (Cursus basisvaardigheden; part of BKO program). RUG, 2013
- Theatre skills for lecturers. WUR. 2016
- Lecturing course (College geven). WUR. 2016

Teaching experience at Utrecht University / Utrecht University College.

- Introduction into sociology (University College Utrecht, 2 groups of 28 students). 2017-present. 1st year BA course. Lecturer and coordinator.
- Policy Evaluation Research. 2017-2020. 2nd year BA course. Working group lecturer + coordinator evaluation projects in collaboration with Gemeente Utrecht & Academie van de Stad (2018-2019 Energy transition in Overvecht-Noord; 2017-2018 ‘Rondje Stadseiland’). For academic year 2019-2020 my role changed to coordinator and lecturer.
- Family Sociology, 2017-2019. 3rd BA course. Working group lecturer.
- Thesis supervision (BA, MA and MSc).

Teaching experience at Wageningen University. Courses are part of several bachelor and master programs (Health and Society bachelor, Management, Economics and Consumer Studies bachelor & master, Applied Communication Science master, Management and Consumer Studies bachelor).

- Demography and Global Population Issues, 2014-2016. 3rd BA course. Coordinator and lecturer. (90 students)
- Advances in Health and Society, 2015-2016. Master course. Lecturer. (50 students)
- Lifestyles and Consumption, 2014-2015. 2nd year BA course. Lecturer. (150 students)
- Health Issues in Daily Life; a Bèta-Gamma Approach. 3rd year BA course, 2014-2016. Tutored several groups that carried out ‘beta’ research in the field combined with surveys and interviews (e.g. alcohol breathalyzer tests on student alcohol abuse, fine particle dust measures for fine dust, sound ranging for noise pollution). (20 students)
- Analysis of a Problem Situation, 2014-2016. 1st year research practical. Coordinator and lecturer of subtheme “food”. (40-50 students)

- Quantitative and Qualitative Research Techniques in the Social Sciences, 2014-2016. 2nd year BA statistics course. SPSS practicals and correcting assignments. (200 students)
- Various guest lectures on health inequalities.
- BSc and MSc thesis supervision.

Experience in other courses (RUG and UvT sociology departments):

- Methodologie en Dataverzameling I (Methods and Datacollection I), 2012-2014. BA 1st year lecture series for sociology students (about 120 students). University of Groningen. Coordinator/lecturer: Jornt Mandemakers
- Institutionele arrangementen voor Arbeid & Levensloop (Institutional arrangements in Labor and the Life Course), 2012-2014. MA course for sociology students in the policy master (about 25 students). Coordinator: Melinda Mills, she gave most lectures, I gave one lecture.
- Gemeente en haar Burgers Leeronderzoek. (research practical Municipality and Citizens) BA 1st year course. University of Groningen. 2011-2012. Coordinator Hilde Steenberg. Practical and tutored small groups of students.
- Academische Vaardigheden 1, 2, 3 (academic skills: reading, writing, basic analytical skills 1, 2, 3). BA first year course for sociology students; Tilburg University, 2008-2009; 2009-2010. Together with coordinator Wilfred Uunk redeveloped course.
- Etnische verhoudingen (Ethnic Relations) BA level course for sociology students, Tilburg University, 2007-2008. Assisted with administrative tasks.
- Student-assistant (correcting papers and examinations of third year students), Sociology department, Utrecht University, Oct. 2004 - Dec. 2004

Research Master thesis supervision:

SaSR/UU:

- Jonas Stein (2020), co-supervised with A. van de Rijt. "Structural Balance in the Nuclear Family: Network Influence or Individual Attributes?", grade 9.5, Second reader: Antonie Knigge. Now PhD student in Groningen.
- Imke Zoetelief (2020) "Fertility Timing of Dutch women influenced by female peers from secondary education", grade 6.5. Second reader: Jeroen Weesie. Now junior researcher at Regioplan/PhD student.
- Gemma Geukens (2020) "The role of genetic predisposition in the social processes involved in adolescent smoking behavior", grade 8. Second reader: Jeroen Weesie.

RUG:

- Chaïm la Roi (2014) "What's the role of the family for the transmission and reproduction of homophobic prejudice?", grade 9. Second reader: Melinda Mills. Now Postdoc at Institute for Futures Studies in Stockholm.
- Nelly Pool (2012) "Gezinsvorming: Zo ouder, zo kind? Invloed van vruchtbaarheidsgedrag van (groot)ouders op vruchtbaarheidsgedrag van (klein)kinderen." (Family formation: Like parent, like child? The influence of reproductive behavior of (grand)parents on the reproductive behavior of (grand)children.) grade 7.5. Second reader: Melinda Mills. Now Dutch teacher at Stedelijk lyceum, Enschede.

Thesis supervision

- Master theses UU: Bridget Borg; Hinke Hoitzing; Luc Parie; Stefanie de Kleijn; Vincent Cremers; Eline Matze; Julia Emmen; Marnix Heijnsman, Tom de Jonge.
- MSc theses WUR: Tiina Suomalainen.
- 14 bachelor theses UU/WUR.

Postgraduate courses and summer schools

- Genome Wide Association Analysis. August 27-31, 2012. Erasmus Summer Programme 2012 at the Erasmus MC, Rotterdam, the Netherlands.
- Genetic Epidemiological Research and data analysis. 7-11 May 2012. PhDlevel course at the UMCG, the Netherlands, course organizers: prof. H. Snieder and prof. HM Boezen.
- The 2012 International Workshop on Statistical Genetics and Methodology of Twin and Family Studies: The Introductory Course. March 5-9, 2012. The Institute for Behavioral Genetics, University of Colorado, Boulder, Colorado, USA.
- The ESF Quantitative Methods in the Social Sciences 2 (QMSS2) workshop on “Combining Biology and Social Sciences in Life Course Studies”. September 8-9, 2011, Helsinki, Finland.
- Introduction to panel data analysis, by dr. Mark Bryan. Essex summer school, Essex University, Colchester, United Kingdom, summer 2009.
- workshop on missing data and imputation techniques by prof. Paul D. Allison, at Tilburg University, October 2007.
- ICPSR (Inter-university Consortium for Political and Social Research) summer school, University of Michigan, Ann Arbor, United States. Summer 2005.

Editorial/Reviewing

- ad hoc reviewer for European Sociological Review, American Journal of Sociology, Social Forces, Social Science Research, Social Science & Medicine, BMC Public Health, Demographic Research, Appetite, Review for History of the Family, European Journal of Population, European Journal of Public Health
- deputy editor European Sociological Review (1-1-2012 – 31-7-2014)

Institutional responsibilities

- 2017 – present, project member 2nd wave of the Sustainable Workforce longitudinal survey of employees in 259 organizations across 9 European countries (ERC AG, van der Lippe)
- 2018 – present, member Sociology department educational review board ('opleidingscommissie'), Utrecht University.
- 2017 – present, board member Dutch Demographic Association (NVD)
- 2018 – present, member organizing committee Dutch Demography Day.
- 2020 member scientific committee ECSR 2020 conference in Amsterdam.

Memberships (current)

EAPS - European Association for Population Studies
APA - American Population Association
NSV - Nederlandse Sociologische Vereniging (Dutch Sociological Association)
NVD - Nederlandse Vereniging voor Demografie (Dutch Demographic Association)
ISOL - Inter-universitaire studiegroep Sociale Ongelijkheid en Levenslopen (Research group on social inequality and the life course)

Statistical software: Stata, R, SPSS, SAS, Mlwin, AMOS, PLINK, OpenMX

Language skills: Dutch (native); English (fluent); German (B2); French and Spanish (basic)