

Curriculum vitae

Johan Junkka

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Ageing Research
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Born: 1981, Malmberget, Sweden
Nationality: Swedish

Current position

Associate Professor, Centre for Demographic and Ageing Reserch, Umeå University, Sweden

Research interests

Historical demography; Social networks; Social capital; Population and climate; Disability studies.

Appointments

- 2020-2024 Assistant Professor, Centre for Demographic and Ageing Reserch, Umeå University, Sweden
- 2020-2020 Senior Research Assistant, Centre for Demographic and Ageing Reserch, Umeå University, Sweden
- 2018-2020 Postdoctoral fellow, Centre for Demographic and Ageing Reserch, Umeå University, Sweden
- 2012-2018 PhD student in History, Department of Historical, Philosophical and Religious studies, Umeå University, Sweden

Education

- 2018 PHD IN HISTORY Umeå university Sweden
2011 MASTER IN HISTORY Umeå university Sweden

Publications

ARTICLES AND BOOKS

- 2025 Namatovu, F., Häggström Gunfridsson, E., Junkka, J., Vikström, L. (2025). The Dynamic Association between Disability and Parenthood in Sweden. In (Eds.), *Contemporary Perspectives in Family Research*. Emerald Publishing Limited.
doi:<http://dx.doi.org/10.1108/s1530-353520250000027006>
- 2024 Sundvall, S., Junkka, J. (2024). Better off in the city? Economic Outcomes of Rural Out-Migration in Sweden - Sibling Study of Cohorts 1960-1984. *Population, Space and Place*, e2765 .
doi:<http://dx.doi.org/10.1002/psp.2765>
- 2024 Junkka, J., Hiltunen, M. (2024). Temperature- and seasonality-related infectious disease mortality among infants: A retrospective time-series study of Sweden, 1868–1892. *Vienna Yearbook of Population Research*, 22 .
doi:<http://dx.doi.org/10.1553/p-33g4-pgab>
- 2023 Vikström, L., Junkka, J., Karhina, K. (2023). Two Centuries of Disability Disadvantages in Swedish Partnerships. *Disability & Society*.
doi:<http://dx.doi.org/10.1080/09687599.2022.2160924>
- 2022 Erkißson, L., Junkka, J., Sandström, G., Vikström, L. (2022). Supply or demand?: Institutionalization of the mentally ill in the emerging Swedish welfare state, 1900–1959. *History of Psychiatry*, 33 (2).
doi:<http://dx.doi.org/10.1177/0957154X221084976>
- 2022 Vikström, L., Karhina, K., Junkka, J. (2022). Two Centuries of Inequalities: Disability and Partnership in Sweden. In Nico, M, Pollock, G (Eds.), *The Routledge Handbook of Contemporary Inequalities and the Life Course*. Routledge: New York
doi:<http://dx.doi.org/10.4324/9780429470059-14>
- 2021 Karlsson, L., Junkka, J., Lundevaller, E., Schumann, B. (2021). Ambient temperature and stillbirth risks in northern Sweden, 1880-1950. *Environmental epidemiology*, 5 (6).
doi:<http://dx.doi.org/10.1097/EE9.0000000000000176>
- 2021 Karlsson, L., Junkka, J., Schumann, B., Lundevaller, E. (2021). Socioeconomic disparities in climate vulnerability: neonatal mortality in northern Sweden, 1880–1950. *Population and environment*.
doi:<http://dx.doi.org/10.1007/s11111-021-00383-9>
- 2021 Junkka, J., Karlsson, L., Lundevaller, E., Schumann, B. (2021). Climate vulnerability of Swedish newborns: gender differences and time trends of temperature-related neonatal mortality, 1880 – 1950. *Environmental research*, 192 .
doi:<http://dx.doi.org/10.1016/j.envres.2020.110400>
- 2020

- Junkka, J., Sandström, G., Vikström, L. (2020). The emergence of social gaps in mental health: A longitudinal population study in Sweden, 1900-1959. *PLOS ONE*, 15 (4). doi:<http://dx.doi.org/10.1371/journal.pone.0232462>
- 2019 Junkka, J. (2019). Spatial diffusion of fertility decline in northern Sweden, 1850-1950. *Annales de Démographie Historique*, 138 (2). doi:<http://dx.doi.org/10.3917/adh.138.0083>
- 2019 Vikström, L., Häggström Lundevaller, E., Junkka, J., Haage, H. (2019). Ett annorlunda liv? Följder av funktionsnedsättningar i 1800-talets Sverige. *Funktionsnedsättning i arbetsliv och välfärd, Försäkringskassan, Analys och prognos*. <https://www.forsakringskassan.se/wps/wcm/connect/fac0708f-cade-48e1-9a03-df7e59d0407a/socialforsakringsrapport-2019-1.pdf?MOD=AJPERES&CVID=>
- 2018 Junkka, J. (2018). Membership in and Presence of Voluntary Organisations during the Swedish Fertility Transition, 1880-1949. *Historical Life Course Studies*, 5 . doi:<http://dx.doi.org/10.51964/hlcs9335>
- 2018 Junkka, J. (2018). *Shared practices. Social networks and fertility decline during the Swedish demographic transition, 1850-1950*. Umeå University: Umeå <http://urn.kb.se/resolve?urn=urn:nbn:se:umu:diva-147281>
- 2018 Junkka, J. (2018). Voluntary associations and net fertility during the Swedish demographic transition. *European Journal of Population*, 34 (5). doi:<http://dx.doi.org/10.1007/s10680-018-9465-5>
- 2016 Junkka, J., Edvinsson, S. (2016). Gender and fertility within the free churches in the Sundsvall region, Sweden, 1860-1921. *The History of the Family*, 21 (2). doi:<http://dx.doi.org/10.1080/1081602X.2015.1043929> <http://umu.diva-portal.org/smash/get/diva2:823430/FULLTEXT01.pdf>

WORKING PAPERS

- 2025 Vikström, H., Mårald, E., Junkka, J. (2025). Patterns in Nordic arctic renewable energy transitions: Identifying themes, differences, and gaps through topic modelling. *Social Science Research Network*. <https://doi.org/10.2139/ssrn.5095482>
- 2021 Junkka, J., Vikström, L., Lundevaller, E. (2021). Healthy migrant perspectives on disability and mobility in a nineteenth-century population. *CEDAR working papers*, 19 . <http://urn.kb.se/resolve?urn=urn:nbn:se:umu:diva-186973>
- 2021 Vikström, L., Junkka, J., Famatovu, N., Lundevaller, E. (2021). A longitudinal study of how disability affects mortality in Swedish Populations from the 1800s, 1900s and 2000s. *CEDAR working papers*, 18 . <http://urn.kb.se/resolve?urn=urn:nbn:se:umu:diva-186866>

SOFTWARE

- 2022 Junkka, J. (2022). *leafletwrapper - Wrapper for the leaflet package, to simplify interactive visualisations*. <https://github.com/junkka/leafletwrapper>
- 2022 Junkka, J. (2022). *histmaps - A R data package of Swedish historical administrative boundaries for parishes and counties 1634-1990. Version 0.3.1.9999*. <https://github.com/junkka/histmaps>

- 2021 Junkka, J. (2021). *ehahleper - A R helper package for event history analysis*. <https://github.com/junkka/ehahelper>
- 2019 Junkka, J. (2019). *db2connect - Connect to IBM DB2 servers*. <https://github.com/junkka/db2connect>
- 2017 Junkka, J. (2017). *movement - Popular movement data for Sweden 1881-1950.* <https://github.com/junkka/movement>
- 2015 Junkka, J. (2015). *hisco - A R package for classification of HISCO codes to HISCLASS, SOCPO and HISCAM social class systems*. <https://github.com/cedarfoundation/hisco>

Conferences & Invited presentations

- 2023 “Life and Death Behind Asylum Walls: An Investigation of Mortality among Institutionalized Individuals, 1900-1960“, *Svenska historikermötet 2023*, Umeå, Sweden.
- 2023 “Discussant for the session: Social and Cultural Determinants of Infant Mortality in the Past: New Insights from across Europe“, *European social science history conference*, Gothenburg, Sweden.
- 2023 “Temperature and Seasonality Related Infectious Disease Mortality Among Infants. A Retrospective Time-Series Study of Sweden, 1868-1892“, *Wittgenstein Centre Online Colloquium*, Wittgenstein Centre, Vienna, Austria.
- 2023 “Temperature and Seasonality Related Infectious Disease Mortality Among Infants. A Retrospective Time-Series Study of Sweden, 1868-1892“, *Wittgenstein Centre Online Colloquium*, Wittgenstein Centre, Vienna, Austria.
- 2022 “Temperature and Seasonality Related Infectious Disease Mortality Among Infants. A Retrospective Time-Series Study of Sweden, 1868-1892“, *Population and Climate Change: The Defining Relationship of the 21st Century*, Wittgenstein Centre, Vienna, Austria.
- 2022 “A longitudinal study of how disability has affected survival in Swedish populations across 150 years“, *European Public Health Conference*, Berlin, Germany.
- 2022 “Temperature related infectious disease mortality among infants and seasonality in Sweden, 1868-1892“, *European Public Health Conference*, Berlin, Germany.
- 2022 “Temperature and seasonality related infectious disease mortality among infants. A retrospective time-series study of Sweden, 1868-1892“, *CED seminar*, Lund, Sweden.
- 2022 “Cause Specific Infant Mortality and Ambient Temperature in Northern Sweden 1860-1892“, *European Population Conference*, Groningen, The Netherlands.
- 2022 “A longitudinal study of how disability affects mortality in Swedish Populations from the 1800s, 1900’s and 2000’s“, *Conference of the European Society of Historical Demography*, Madrid, Spain.
- 2022 “Cause specific infant mortality and ambient temperature in Northern Sweden 1868-1892“, *Conference of the European Society of Historical Demography*, Madrid, Spain.
- 2021 “Measuring mortality responses to temperature exposures using distributed lag non-linear models“, *Workshop - SHiP: Comparative perspectives on health and disease in port cities*, Online.
- 2021 “Religious differences in cause-specific post-perinatal mortality: A sibling study of Sweden, 1860-1892“, *The Social Science History Associations 2021 Annual Meeting*, Online.
- 2021 “Religious differences in cause-specific infant mortality in northern Sweden, 1860-1900“,

- CEDAR seminars*, Online.
- 2021 “Religious differences in cause-specific infant mortality in northern Sweden, 1860-1900“, *The European Association for the History of Medicine and Health Biennial Conference*, Online.
- 2021 “Long-term Trends of Mental Impairment and Institutionalization in the Early Swedish Welfare State (1900–1960)“, *European Social Science History Conference*, Online.
- 2020 “The emergence of social gaps in mental health: A longitudinal population study in Sweden, 1900-1959“, *CEDAR seminars*, Center for Demographic and Ageing Research, Umeå university, Sweden.
- 2020 “Healthy migrant perspectives on disability and mobility in a 19th-century population“, *Seminar*, Department of Geography, Umeå University, Sweden.
- 2019 “Voluntary association growth and mortality in Sweden 1895-1930“, *CEDAR seminars*, Center for Demographic and Ageing Research, Umeå university, Sweden.
- 2019 “Sociala nätverk och demografisk förändring: Den svenska folkrörelsen 1880-1950“, *Demografiska Databasens Webinarium*, Center for Demographic and Ageing Research, Umeå university, Sweden.
- 2019 “Healthy migrant perspectives on disability and mobility among men and women in a 19th-century population“, *Multidisciplinary Perspectives on Gender Gaps in Health*, Max Planck Institute for Demographic Research, Villa Vigoni, Italy.
- 2019 “Poster presentation: Gender and socioeconomic gaps in mental health: Long-term trends in psychiatric impairment and institutionalisation in Sweden, 1900-1960“, *Multidisciplinary Perspectives on Gender Gaps in Health*, Max Planck Institute for Demographic Research, Villa Vigoni, Italy.
- 2019 “Spatial diffusion of fertility decline in northern Sweden, 1850-1950“, *Nordic Demographic Symposium*, Reykjavík, Iceland.
- 2019 “Mental Disabilities and Institutionalisation in the Early Swedish Welfare State“, *Svenska historikermötet 2019*, Växjö, Sweden.
- 2019 “Healthy migrant perspectives on disability and mobility“, *CEDAR seminars*, Center for Demographic and Ageing Research, Umeå university, Sweden.
- 2017 “Topic and trends in fertility transitions research, 1950-2014: A LDA analysis of a 5,927 scientific documents“, *FADC Annual Conference 2017*, HUMLabX, Umeå university, Sweden.
- 2016 “Topics and trends in 50 years of fertility transition research. A LDA analysis of a large collection of abstracts“, *Historisk demografi - dåtid, nutid och framtid*, Center for Demographic and Ageing Research, Umeå university, Sweden.
- 2016 “Shared practices: Class, Community, and Fertility in Skellefteå Region, 1850-1950“, *European Society of Historical Demography Conference*, Leuven, Belgium.
- 2016 “Shared practices: Class, Community, and Fertility in Skellefteå Region, 1850-1950“, *Population Dynamics and Public Policy workshop*, Brussels, Belgium.
- 2016 “Shared Practices“, *Higher Seminar in History*, Department of Historical, Philosophical and Religious Studies, Umeå university, Sweden.
- 2016 “Shared Practices: The Influence of Social Networks on Fertility during the Demographic Transition“, *Family Research at Umeå University*, Department of Historical, Philosophical and Religious Studies, Umeå university, Sweden.
- 2016 “Shared practices: Class, Community, and Fertility in Skellefteå Region, 1850-1950“, *CEDAR*

- seminars, Center for Demographic and Ageing Research, Umeå university, Sweden.
- 2016 “Voluntary associations and fertility during the Swedish demographic transition“, *European Social Science History Conference*, Valencia, Spain.
- 2015 “Popular movements and net fertility during the Swedish fertility transition, 1890-1900“, *Higher Seminar in Economic history*, Department of Geography and Economic History, Umeå University, Sweden.
- 2015 “The popular movements and reproductive practices during the Swedish fertility decline 1890-1930“, *Higher Seminar in History*, Department of Historical, Philosophical and Religious Studies, Umeå University, Sweden.
- 2015 “Starting with Git“, *CEDAR Fertility Group Meeting*, Centre for Demographic and Ageing Research, Umeå University, Sweden.
- 2015 “Sekularisering, genus och fertilitetsnedgång i Sverige 1890-1930“, *Demografiska Databasens Webinarium*, Demographic database, Umeå University, Sweden.
- 2014 “Freedom to Control? Gender and Fertility within the Free-Churches in Sundsvall, 1860-1921“, *Conference of the European Society of Historical Demography*, Alghero, Italy.
- 2014 “Freedom to Control? Gender and Fertility within the Free-Churches in Northern Sweden, 1860-1921“, *Population Dynamics and Public Policy workshop*, Evian, France.
- 2013 “Gender and Fertility Within the Free-Churches in Northern Sweden 1860-1920“, *38th Annual Meeting of the Social Science History Association*, Chicago, USA.
- 2012 “Secularization, gender and fertility change in northern Sweden 1870-1950, a research proposal“, *Centre for Population Studies Seminar Series*, Umeå University, Sweden.

Workshops & Post-graduate courses

- 2013 VARIATIONS IN DEMOGRAPHIC OUTCOME: THE IMPORTANCE OF GENDER, FAMILY AND REGIONS , University of Gothenburg
- 2013 LONGITUDINAL ANALYSIS OF HISTORICAL DEMOGRAPHIC DATA , ICPSR, University of Michigan, Ann Arbor MI, USA

Teaching

- 2023-2024 COORDINATOR, LECTURER AND EXAMINER ON “LONGITUDINAL STUDIES OF POPULATION DATA”, MASTER COURSE , CEDAR, Umeå University, Sweden.
- 2021-2025 APPLIED QUANTITATIVE AND EMPIRICALLY DRIVEN GENDER RESEARCH, PHD COURSE , UCGS, Umeå University, Sweden.
- 2023 LECTURER AND EXAMINER ON POPULATION STUDIES, PHD COURSE IN HISTORY , Umeå University, Sweden..
- 2017-2024 ADVISOR AND EXAMINER FOR UNDERGRADUATE THESES IN HISTORY , Umeå University, Sweden.
- 2020-2021 LECTURER AND EXAMINER ON “POPULATION STUDIES AND SOCIETAL CHALLENGES”, PHD COURSE , Umeå University, Sweden.
- 2020 COORDINATOR, LECTURER AND EXAMINER FOR THE “HISTORICAL DEMOGRAPHY” MODULE

- WITHIN THE MASTERSPROGRAM IN HISTORY , Umeå University, Sweden. <https://www.umu.se/en/education/syllabus/1hi058/>
- 2018 LECTURER AND EXAMINER ON “POPULATION STUDIES AND SOCIETAL CHALLENGES”, MASTER LEVEL COURSE , Umeå University, Sweden.
- 2015 LECTURER ON “USING R AT CEDAR”, INTERNAL COURSE AT THE CENTRE FOR DEMOGRAPHIC AND AGEING RESEARCH , Umeå University, Sweden. https://github.com/cedarfoundation/cedar_dplyr
- 2015 LECTURER ON “DEMOGRAPHY AND EVENT HISTORY ANALYSIS USING R”, PhD COURSE , EHPS-Net program, Umeå University, Sweden.
- 2013 TEACHERS ASSISTANT ON “DEMOKRATI, INDIVID OCH SAMHÄLLE”, TEACHERS PROGRAM , Teachers education, Umeå University, Sweden.

Commissions of trust

- PEER-REVIEWER FOR: Statistics, Historical methods, Vienna Yearbook of Population Research, American Journal of Epidemiology, Environmental Advances, Population Studies, History of the Family, SN Social Sciences, Biology of Sex Differences, Social History of Medicine, Journal of Migration History, Acta Obstetrica et Gynecologica Scandinavica, Historical Life Course Studies, Continuity and Change, Revista de Demografia História - Journal of Iberoamerican Population Studies.
- OTHER COMMISSIONS OF TRUST reviewer of project application for Czech Science Foundation, reviewer for Kriterium published anthology, jury member for the Swedish National Demographic Association’s thesis competition
- 2020- EDITOR OF CEDAR WORKING PAPERS Umeå Univeristy <https://www.umu.se/en/centre-for-demographic-and-ageing-research/research/working-paper-series/>
- 2020- CO-SUPERVISOR OF PhD STUDENT History, Umeå univarsity
- 2022- CO-SUPERVISOR OF PhD STUDENT Economic history, Umeå univarsity
- 2024- CO-SUPERVISOR OF PhD STUDENT Economic history, Umeå univarsity
- 2016 -2017 BOARD MEMBER OF THE SWEDISH DEMOGRAPHIC ASSOCIATION (SVENSK DEMOGRAFISK FÖRENING), <http://demografi.se/>
- 2012 -2017 MEMBER OF THE ARCUM BOARD (THE ARCTIC RESEARCH CENTRE), Umeå university, Sweden <https://www.umu.se/en/arctic-research-centre/>
- 2015 CHAIR OF THE DEPARTMENT OF HISTORICAL, PHILOSOPHICAL AND RELIGIOUS STUDIES DOCTORAL COUNCIL, Umeå university, Sweden

Affiliations

EUROPEAN ASSOCIATION FOR THE HISTORY OF MEDICINE AND HEALTH International
 SOCIAL SCIENCE HISTORY ASSOCIATION International
 SWEDISH DEMOGRAPHIC ASSOCIATION National, Sweden
 ARCTIC RESEARCH CENTRE AT UMEÅ UNIVERSITY (ARCUM) Umeå university, Sweden

Grants & Awards

2022	WITTGENSTEIN CENTRE FOR DEMOGRAPHY AND GLOBAL HUMAN CAPITAL, Poster Award.
2019	WALLENBERG FOUNDATION, Travel grant. 12,000 SEK
2019	STIFTELSEN J C KEMPES MINNES AKADEMISKA FONDER, Travel grant. 5,000 SEK
2013	SVENSK NATIONEL DATATJÄNST, Travel grant. 15,000 SEK

Language skills

LANGUAGES

SWEDISH (native) ENGLISH (fluent) MEÄNKIELI (basic)

PROGRAMMING

R (experienced) SQL (experienced) PHP (basic) JAVASCRIPT (basic) PYTHON (basic)