

## Won-tak Joo

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### ACADEMIC POSITIONS

2022- Postdoctoral Fellow, Demography, University of California, Berkeley  
(NIA R01AG058940, PI: Goldstein)

### EDUCATION

2021 Ph.D., Sociology, University of Wisconsin–Madison  
2016 M.A., Sociology, Yonsei University  
2013 B.A., Mass Communication and Sociology, Yonsei University

### AREAS OF INTEREST

Social Demography; Social Networks; Computational Sociology

### PUBLICATIONS

\* Equal contribution

Forthcoming Engelman, Michal\*, **Won-tak Joo\***, Jason Fletcher and Barry Burden. “Health, Wealth, and Voting Trajectories in Later Life.” *The Journals of Gerontology: Series B*. doi:[10.1093/geronb/gbab191](https://doi.org/10.1093/geronb/gbab191)

2020 **Joo, Won-tak** and Jason Fletcher. “Out of Sync, Out of Society: Political Beliefs and Social Networks.” *Network Science* 8(3):445-468. doi:[10.1017/nws.2020.2](https://doi.org/10.1017/nws.2020.2)

2018 **Joo, Won-tak\***, Chan Joo Lee\*, Jaewon Oh, In-cheol Kim, Sang-hak Lee, Seok-min Kang, Hyeon Chang Kim, Sungha Park, and Yoosik Youm. “The Association between Social Network Betweenness and Coronary Calcification: A Baseline Study on Patients with a High Risk of Cardiovascular Disease.” *Journal of Atherosclerosis and Thrombosis* 25(2):131-141. doi:[10.5551/jat.40469](https://doi.org/10.5551/jat.40469)

Kwak, Seyul, **Won-tak Joo**, Yoosik Youm, and Jeanyung Chey. “Social Brain Volume is Associated with In-degree Social Network Size among Older Adults.” *Proceedings of the Royal Society B* 285:20172708. doi:[10.1098/rspb.2017.2708](https://doi.org/10.1098/rspb.2017.2708)

2017 Kim, Woo Jung, **Won-tak Joo**, Jiwon Baek, Sung Yun Sohn, Kee Namkoong, Yoosik Youm, Hyeon Chang Kim, Yeong-Ran Park, Sang Hui Chu, and Eun Lee. “Factors Associated with Insomnia among the Elderly in a Korean Rural Community.” *Psychiatry Investigation* 14(4):400-406. doi:[10.4306/pi.2017.14.4.400](https://doi.org/10.4306/pi.2017.14.4.400)

**Joo, Won-tak**, Seyul Kwak, Yoosik Youm, and Jeanyung Chey. “Brain Functional Connectivity Difference in a Complete Network of an Entire Village: The Role of Social Network Size and Embeddedness.” *Scientific Reports* 7:4465. doi:[10.1038/s41598-017-04904-1](https://doi.org/10.1038/s41598-017-04904-1)

Sohn, Sung Yun, **Won-tak Joo**, Woo Jung Kim, Se Joo Kim, Yoosik Youm, Hyeon Chang Kim, Yeong-Ran Park, and Eun Lee. “Social Network Types among Older Korean Adults: Associations with Subjective Health.” *Social Science & Medicine* 173:88-95. doi:[10.1016/j.socscimed.2016.11.042](https://doi.org/10.1016/j.socscimed.2016.11.042)

2014 Youm, Yoosik, Edward O. Laumann, Kenneth F. Ferraro, Linda J. Waite, Hyeon Chang Kim, Yeong-Ran Park, Sang Hui Chu, **Won-tak Joo**, and Jin A Lee. “Social Network Properties and Self-Rated Health in Later Life: Comparisons from the Korean Social Life, Health, and Aging Project and the National Social Life, Health and Aging Project.” *BMC Geriatrics* 14:102. doi:[10.1186/1471-2318-14-102](https://doi.org/10.1186/1471-2318-14-102)

Youm, Yoosik and **Won-tak Joo**. “The Role of Social Networks in the Etiology and Prognosis of Coronary Heart Diseases: A Meta-analysis of 44 Most Recent Prospective Studies.” *Korean Journal of Social Issues* 1(25):163-207.

### WORKING PAPERS (manuscript available upon request)

**Joo, Won-tak**. “The Educational Gradient in Social Network Changes at Disease Diagnosis.” (December 2021)

**Joo, Won-tak**, Michal Engelman and Jason Fletcher. “Changes in Social Networks after Retirement.” (December 2021)

**Joo, Won-tak**. “Social Networks and Socioeconomic Differences in Mental Health Consequences of COVID-19.” (December 2021)

**Joo, Won-tak**, Felix Elwert and Martin Munk. “Labor Market Consequences of Grandparenthood.” (October 2021)

**Joo, Won-tak**, Michal Engelman, Alberto Palloni, and Jason Fletcher. “Longevity and In Utero Exposure to the Influenza Pandemics in the 19th century.” (September 2021)

**Joo, Won-tak**. “Compulsory Schooling Reforms and Social Connectedness in Later Life.” (February 2021)

**Joo, Won-tak** and Jason Fletcher. “The Rise and Fall of Patrilineage in Korea 1400-1940.” (August 2020)

## **WORKS IN PROGRESS**

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**Joo, Won-tak**. “Intergenerational Transfers after Retirement.”

**Joo, Won-tak** and Jason Fletcher. “Intergenerational Longevity Correlation in the USA 1600-1900.”

**Joo, Won-tak** and Jason Fletcher. “Time Trends of Belief Synchronization and Social Trust.”

**Joo, Won-tak**. “College Education and Intergenerational Occupational Mobility in Europe.”

## **PRESENTATIONS**

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2021 **Joo, Won-tak**, Michal Engelman, Alberto Palloni, and Jason Fletcher. “Longevity and In Utero Exposure to the Influenza Pandemics in the 19th century.” Oral Session: Historical Studies of Epidemics and Pandemics. Population Association of America, Virtual.

2020 **Joo, Won-tak** and Michal Engelman. “Restructuring of Social Networks After the Onset of Diseases.” Oral Session: Social Integration, Social Support, and Health, Population Association of America, Washington, D.C. (canceled due to COVID-19)

2019 **Joo, Won-tak**. “Educational Differences in Social Network Activation: with Whom Do You Talk at the Onset of Chronic Diseases?” Oral Session: Social and Economic Determinants of Health and Mortality, Population Association of America, Austin, TX.

**Joo, Won-tak**, Michal Engelman and Jason Fletcher. “Changes in Social Networks after Retirement: Comparison of the USA and European Countries.” Oral Session: Cross-National Studies of Retirement Policies and Processes, Population Association of America, Austin, TX.

2018 **Joo, Won-tak** and Jason Fletcher. “The Multigenerational Effect of Prestige on Patrilineage Survival in Korea 1400-1940.” Oral Session: Contemporary and Historical Fertility Transitions, Population Association of America, Denver, CO.

2015 Youm, Yoosik, **Won-tak Joo**, and Sung-hwan Gong. “Brokerage vs. Embeddedness: Global Network Positions and Cognitive Function among Korean Older Adults.” Regular Session: Aging, American Sociological Association, Chicago, IL.

## **GRANTS**

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2020-1 Retirement in the Context of Intergenerational Transfers (Co-PI, PI: Engelman)  
(Center for Financial Security at the University of Wisconsin–Madison, \$57,152)

## **AWARDS AND FELLOWSHIPS**

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2018-9 Graduate Research Fellowship, Institute for Research on Poverty, University of Wisconsin–Madison

2016 Graduate Thesis Award, Yonsei University

2015 Scholarship for the Research Capability, Yonsei University (\$2,400)

2013-4 Brain Korea 21+ fellowship, Ministry of Education

2012 Highest Honors, Department of Mass Communication, Yonsei University (\$1,200)

2006,11 Honors, Department of Mass Communication, Yonsei University

**TEACHING EXPERIENCE**

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*University of Wisconsin–Madison, Teaching Assistant*

2017-9    Marriage and Family, Population Problems

*Korea Social Science Data Archive, Teaching Assistant*

2013,6    Social Network Theory and Methods

*Yonsei University, Teaching Assistant*

2013-5    Introductory Sociology, Introductory Statistics, Medical Sociology

**PROFESSIONAL SERVICE**

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*Member*   American Sociological Association, Population Association of America