

ADAM R. ROTH

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APPOINTMENT

2019 - Postdoctoral Research Fellow, Department of Sociology & Network Science Institute, Indiana University

EDUCATION

2019 Ph.D., Sociology, Washington State University
2016 M.A., Sociology, Washington State University
2012 B.A., Sociology, California State University, Chico

AREAS OF SPECIALIZATION

Health, Life Course/Aging, Social Networks, Family, Space and Place

GRANTS

Interdisciplinary Network on Rural Population Health and Aging Pilot Grant, National Institute on Aging, (R24-AG065159), "Social Networks and Rural-Urban Cognitive Health Disparities," 2020-2021. Role: PI. Award: \$9,914

National Institute on Aging R01, "Gender Differences in Cognitively Stimulating Environments and Alzheimer's Disease," Role: Co-I. (Unfunded, Amount requested: \$392,016)

PEER-REVIEW JOURNAL ARTICLES (*denotes student co-author)

Roth, Adam R. and Siyun Peng. Forthcoming. "Non-spousal Support, Marital Status, and Mortality Risk." *Journal of Aging and Health*

Roth, Adam R., Siyun Peng, and Brea L. Perry. 2021. "Personal Network Bridging Potential Across Geographic Context." *Journal of Gerontology: Social Sciences*. doi: 10.1093/geronb/gbab103

Peng, Siyun and **Adam R. Roth**. 2021. "Social Isolation and Loneliness Before and During the COVID-19 Pandemic: A Longitudinal Study of US Adults Over 50." *Journal of Gerontology: Social Sciences*. doi: 10.1093/geronb/gbab068

Cohn-Schwartz, Ella, **Adam R. Roth**, and Eric D. Widmer. 2021. "Joint Social Contact and Network Overlap of Spouses Facing Household Transitions in Later Adulthood in Switzerland." *Advances in Life Course Research* 48: doi:10.1016/j.alcr.2020.100395

Roth, Adam R., Siyun Peng, Max E. Coleman*, Evan Finley, and Brea L. Perry. 2021. "Network Recall Among Older Adults with Cognitive Impairments." *Social Networks* 64: 99-108. doi:10.1016/j.socnet.2020.08.005

Roth, Adam R. 2020. "Personal Networks and Mortality in Later Life: Racial and Ethnic Differences." *Journal of Public Health* doi:10.1093/pubmed/fdaa135

Roth, Adam R. 2020. "Informal Caregiving and Network Turnover Among Older Adults." *Journal of Gerontology: Social Sciences* 75(7): 1538-1547. doi:10.1093/geronb/gby139

- Roth, Adam R. 2020. "Social Networks and Health in Later Life: A State of the Literature." *Sociology of Health & Illness* 42(7): 1642-1656. doi:10.1111/1467-9566.13155
- Roth, Adam R. 2020. "Informal Caregiving and Social Capital: A Social Network Perspective." *Research on Aging* 42(9-10): 272-280. doi:10.1177/0164027520912659
- Roth, Adam R., Justin T. Denney, Solmaz Amiri, and Ofer Amram. 2020. "Characteristics of Place and the Rural Disadvantage in Deaths from Highly Preventable Causes." *Social Science & Medicine* 245: 112689. doi:10.1016/j.socscimed.2019.112689
- Caudell, Mark, Marsha Quinlan, Murugan Subbiah, Douglas Call, Casey Roulette, Jennifer Roulette, **Adam Roth**, Louis Matthews, and Robert Quinlan. 2017. "Antimicrobial Use and Veterinary Care among Agro-pastoralists in Northern Tanzania." *PLoS One* 12(1): e0170328

BOOK CHAPTERS

- Perry, Brea L. and **Adam R. Roth**. In Press. "On The Boundary Specification Problem in Network Analysis: An Update and Extension to Personal Networks." Chapter in, Mario L. Small, Brea L. Perry, Bernice Pescosolido, and Edward Smith (Eds.) *Personal Networks: Classic Readings and New Directions* (pp. 509-524). New York, NY: Cambridge University Press.

MANUSCRIPTS UNDER REVIEW (*denotes student co-author)

- Perry, Brea L., William R. McConnell, Max E. Coleman*, **Adam R. Roth**, Siyun Peng, and Liana G. Apostolova. "A Social Network Theory of Mechanisms Linking Social Connectedness and Cognitive Aging." *Revise and Resubmit*
- Perry, Brea L., William R. McConnell, Siyun Peng, **Adam R. Roth**, Max E. Coleman*, Mohit Manchella*, Meghann Roessler*, Heather Francis, Hope Sheean, Liana Apostolova. "Social Networks and Cognitive Function: An Evaluation of Social Bridging and Bonding Mechanisms." *Revise and Resubmit*
- Perry, Brea L., **Adam R. Roth**, Siyun Peng, Shannon L. Risacher, Andrew J. Saykin, and Liana G. Apostolova. "Social Networks, Cognitive Reserve, and Neurodegeneration in the Aging Brain." *Revise and Resubmit*
- Peng, Siyun, **Adam R. Roth**, Liana G. Apostolova, Shannon L. Risacher, Andrew J. Saykin, and Brea L. Perry. "Cognitively Stimulating Environments and Cognitive Reserve: The Case of Personal Social Networks." *Under Review*
- Roth, Adam R., Siyun Peng, Max E. Coleman*, Liana G. Apostolova, and Brea L. Perry. "Do Subjective or Objective Cognitive Measures Better Predict Social Network Characteristics in Older Adults?" *Under Review*
- Peng, Siyun, **Adam R. Roth**, and Brea L. Perry. "Bridging Social Capital, Hippocampal Volume, and Cognitive Health: Structural Holes and a Latent Approach." *Under Review*

MANUSCRIPTS IN PROGRESS (*denotes student co-author)

- Roth, Adam R., Siyun Peng, and Brea L. Perry. "Social Networks and Cognitive Function Among Rural and Urban Older Populations."
- Roth, Adam R., Ashley F. Railey, Siyun Peng, and Pierce Greenberg. "Where Dementia Strikes: A Place-based Analysis of Alzheimer's Disease Mortality."

Roth, Adam R. "Social Autonomy Among Married Men and Women."

Coleman, Max E.*, **Adam R. Roth**, Siyun Peng, and Brea L. Perry. "Educational Disparities in Cognitive Function and Cognitive Decline: Mediated by Social Networks."

Roth, Adam R. and Thomas Rotolo. "The Intersection of Living Arrangements and Loneliness in Later Life."

Roth, Adam R. and Koji Chavez. "Social Capital and Job Acquisition: Insights from a Professional Labor Market."

HONORS AND AWARDS

2019 John Wardwell Scholarship, Department of Sociology, Washington State University (\$1000)

2019 Arnold and Julia Greenwell Memorial Scholarship, Graduate School, Washington State University (\$1000) **Declined due to early graduation*

2018 William Julius Wilson Graduate Student Summer Health Equity Fellowship, Sociology Department, Washington State University (\$4500)

2018 James F. Short Jr. Research Award, Sociology Department, Washington State University (\$1000)

2016-8 Fred Yoder Graduate Fellowship, Sociology Department, Washington State University (\$3300)

2016 National Science Foundation Graduate Research Fellowship (Honorable Mention)

2015 College of Arts & Sciences Recruitment Fellowship, Washington State University (\$2500)

2012 Collegiate Learning Assessment, Dean's Cup Champion, California State University, Chico (\$600)

PROFESSIONAL MEETINGS

Roth, Adam R. and Siyun Peng. "Non-spousal Support, Marital Status, and Mortality Risk Among Older Adults." American Sociological Association Meeting (Scheduled Virtual Meeting), August 6-10, 2021

Roth, Adam R., Siyun Peng, and Brea L. Perry. "Personal Network Bridging Potential Among Rural and Urban Older Populations." Sunbelt International Social Network Conference (Scheduled Virtual Meeting), July 5-10, 2021

Perry, Brea L., Siyun Peng, William R. McConnell, **Adam R. Roth**, Max E. Coleman, Evan Finley, Hope Sheean. "An Evaluation of Social Bridging and Bonding Mechanisms in the Association of Social Networks and Cognitive Function." Sunbelt International Social Network Conference (Scheduled Virtual Meeting), July 5-10, 2021

Coleman, Max E., **Adam R. Roth**, Siyun Peng, and Brea L. Perry. "Educational Disparities in Cognitive Function and Cognitive Decline: Mediated by Social Networks." Population Association of America Meeting (Virtual Meeting), May 5-8, 2021

Peng, Siyun, **Adam R. Roth**, and Brea L. Perry. "Measurement of Social Bridging Capital in Egocentric Network: A Test Using Five Domains of Well-being." Association of America Meeting (Virtual Meeting), August 8-11, 2020

Roth, Adam R. "Personal Networks and Cognitive Impairment: Mechanisms of Social Causation and Social Contraction." UC Berkeley Network Symposium (Virtual Meeting), August 6-7, 2020

Roth, Adam R., Siyun Peng, Evan Finley, and Brea L. Perry. "Network Recall Among Older Adults with Cognitive Impairments: A View From Two Worlds." Sunbelt International Social Network Conference (Virtual Meeting), July 13-17, 2020

Cohn-Schwartz, Ella, **Adam R. Roth**, and Eric D. Widmer. "Household Transitions and Spousal Network Overlap." European Social Network Conference, Zurich, Switzerland, September 9-12, 2019

Roth, Adam R. "Caregiving and Cognition in Later Life: Moderating Role of Social Networks." American Sociological Association Meeting, New York, NY, August 10-13, 2019

Roth, Adam R. and Justin T. Denney. "Disparities in Preventable Mortality by Rurality and Area Deprivation." Population Association of America Meeting, Austin, TX, April 10-13, 2019

Roth, Adam R. "Social Capital in Academia: Community Detection as Network Closure." American Sociological Association Meeting, Philadelphia, PA, August 11-14, 2018

Roth, Adam R. "Informal Caregiving and Network Turnover among Older Adults." Population Association of America Meeting, Denver, CO, April 26-28, 2018

INVITED PRESENTATIONS

Roth, Adam R. "Social Networks and Rural-Urban Cognitive Health Disparities." Interdisciplinary Network on Rural Population Health Annual Meeting (Virtual Meeting), August 5, 2020

Roth, Adam R. "Caregiving and Network Dynamics: A Life Course Approach." Sociology Colloquium Series, Washington State University, November 2, 2018

Roth, Adam R. "Informal Caregiving and Network Turnover among Older Adults." Duke Network Analysis Center, Duke University, May 14, 2018

WORKSHOP TRAINING

"Social Networks, Social Participation, and Life Transitions: A Life Course Perspective." LIVES Winter School on Life Course, Bremen, Germany, March 12-18, 2018

"Social Networks and Health," Duke Network Analysis Center, Durham, NC, May 22-26, 2017

PROFESSIONAL SERVICE

Journal referee: *Advances in Medical Sociology*; *Ageing & Society*; *Journal of Demographic Economics*; *Journals of Gerontology: Psychological Sciences and Social Sciences*; *Network Science*; *Social Inclusion*; *Social Sciences*; *Social Science & Medicine*; *Social Science Research*; *Socius*

Review panel: Gerontological Society of America Annual Scientific Meeting (2020)

Reviewer for *Linear Regression Models: Applications in R* (Taylor & Francis); *Social Networks and Health Inequalities* (Springer Publishing)

UNIVERSITY SERVICE

Faculty Search Committee (Student Rep), Sociology Department, Washington State University, 2016-8

Graduate Student Travel Grant & Registration Review Committee, Washington State University, 2016-7

Graduate & Professional Student Association Senator, Washington State University, 2015-7

RESEARCH EXPERIENCE

Research Assistant, Justin T. Denney, Associate Professor of Sociology, Washington State University, 2018

Research Assistant, Thomas Rotolo, Professor of Sociology, Washington State University, 2017

Research Assistant, Initiative for Global Innovation Studies, Washington State University, 2015-6

TEACHING EXPERIENCE

Introduction to Social Research Methods: Fall 2017, Summer 2017

Quantitative Techniques in Sociology: Spring 2019, Spring 2017 (Lab Instructor)

Sociology of Sport: Fall 2016 (Teaching Assistant)

PROFESSIONAL AFFILIATIONS

American Sociological Association

Population Association of America

Gerontological Society of America

International Network for Social Network Analysis

Alpha Kappa Delta Sociology International Honors Society

REFERENCES

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