ADAM R. ROTH

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APPOINTMENT

2022 -	Assistant Professor, Department of Sociology, Oklahoma State University
2019 - 2022	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, Space and Place

JOURNAL ARTICLES (^equal authorship *student co-author)

Roth, Adam R. and Siyun Peng. Forthcoming. "Streams of Interactions: Social Connectedness in Daily Life." *Social Networks*

Roth, Adam R. 2024. "Social Isolation in America? A Twenty-Year Snapshot" *Socius* 10: 1-2. doi: 10.1177/2378023124122844

- Media coverage: *Society Today*

Roth, Adam R. 2023. "Ecological Momentary Assessments in Sociology." *Social Currents*. doi: 10.1177/23294965231203027

Coleman, Max E.*, Meghann E.H. Roessler*, Siyun Peng, Adam R. Roth, Shannon L. Risacher, Andrew J. Saykin, Liana G. Apostolova, and Brea L. Perry. 2023. "Social Enrichment on the Job: Complex Work with People Improves Episodic Memory, Promotes Brain Reserve, and Reduces the Risk of Dementia." *Alzheimer's & Dementia* 19(6): 2655-2665. doi: 10.1002/alz.13035

Railey, Ashley F.^, Adam R. Roth^, Anne C. Krendl, and Brea L. Perry. 2023. "Intergroup Relationships With People Who Use Drugs: A Personal Network Approach." *Social Science & Medicine* 317: 115612 doi: 10.1016/j.socscimed.2022.115612

Peng, Siyun, Adam R. Roth, and Brea L. Perry. 2023. "Random Sampling of Alters from Networks: A Promising Direction in Egocentric Network Studies." *Social Networks* 72: 52-58. doi: 10.1016/j.socnet.2022.09.004

Roth, Adam R. 2022. "Social Network Theory and Comedy: Insights from NBC's *The Office*." *Socius* 8: 1-3. doi: 10.1177/23780231221141524

- Media coverage: *Boston Globe, Sociological Images*

Perry, Brea L., Adam R. Roth, Siyun Peng, Shannon L. Risacher, Andrew J. Saykin, and Liana G. Apostolova. 2022. "Social Networks and Cognitive Reserve: Network Structure Moderates the Association Between Amygdalar Volume and Cognitive Outcomes." *Journal of Gerontology: Social Sciences.* 77(8): 1490-1500. doi: 10.1093/geronb/gbab192

Perry, Brea L., William R. McConnell, Siyun Peng, Adam R. Roth, Max E. Coleman*, Mohit Manchella*, Meghann Roessler*, Heather Francis, Hope Sheean, and Liana Apostolova. 2022. "Social Networks and Cognitive Function: An Evaluation of Social Bridging and Bonding Mechanisms." *The Gerontologist* 62(6): 865-875. doi: 10.1093/geront/gnab112

Coleman, Max E.*, Mohit Manchella*, Siyun Peng, Adam R. Roth, and Brea L. Perry. 2022. "What Kinds of Social Networks Protect Older Adults' Health During a Pandemic? The Tradeoff Between Preventing Infection and Promoting Mental Health." *Social Networks* 70: 393-402. doi: 10.1016/j.socnet.2022.05.004

Peng, Siyun and Adam R. Roth. 2022. "Social Isolation and Loneliness Before and During the COVID-19 Pandemic: A Longitudinal Study of US Adults Over 50." *Journal of Gerontology: Social Sciences* 77(7): e185-e190. doi: 10.1093/geronb/gbab068

Perry, Brea L., William R. McConnell, Max E. Coleman*, Adam R. Roth, Siyun Peng, and Liana G. Apostolova. 2022. "Why the Cognitive 'Fountain of Youth' May Be Upstream: Pathways to Dementia Risk and Resilience Through Social Connectedness." *Alzheimer's & Dementia* 18(5): 934-941. doi: 10.1002/alz.12443

- Top downloaded *Alzheimer's & Dementia* article (2022-2023)

Roth, Adam R., Siyun Peng, and Brea L. Perry. 2022. "Personal Network Bridging Potential Across Geographic Context." *Journal of Gerontology: Social Sciences* 77(3): 626-635. doi: 10.1093/geronb/gbab103

Roth, Adam R., Siyun Peng, Max E. Coleman*, Liana G. Apostolova, and Brea L. Perry. 2022. "Do Subjective or Objective Cognitive Measures Better Predict Social Network Characteristics in Older Adults?" *Biodemography and Social Biology* 67(1): 84-97 doi: 10.1080/19485565.2022.2052711

- Media coverage: *On Topic With IU*

Peng, Siyun, Adam R. Roth, Liana G. Apostolova, Shannon L. Risacher, Andrew J. Saykin, and Brea L. Perry. 2022. "Cognitively Stimulating Environments and Cognitive Reserve: The Case of Personal Social Networks." *Neurobiology of Aging* 112: 197-203. doi: 10.1016/j.neurobiolaging.2022.01.004

Roth, Adam R. and Siyun Peng. 2022. "Non-spousal Support, Marital Status, and Mortality Risk." *Journal of Aging and Health* 34(1): 41-50. doi: 10.1177/08982643211025381

Roth, Adam R. 2021. "Personal Networks and Mortality in Later Life: Racial and Ethnic Differences." *Journal of Public Health* 43(4): 824-832. doi:10.1093/pubmed/fdaa135

- Editor's choice

Peng, Siyun, Adam R. Roth, and Brea L. Perry. 2021. "A Latent Variable Approach to Measuring Bridging Social Capital and Examining its Association to Older Adults' Cognitive Health." *Social Neuroscience* 16(6): 684-694. doi: 10.1080/17470919.2021.2001368

Roth, Adam R. 2021. "Social Autonomy Among Married Men and Women." *Socius:* 7: 1-14. doi: 10.1177/23780231211043630

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. "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

- 2020-21 Top-cited article in *Sociology of Health & Illness*

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 doi: 10.1371/journal.pone.0170328

BOOK CHAPTERS

Perry, Brea L. Perry, Adam R. Roth and Mario L. Small. 2024. "Personal Networks and Egocentric Analysis." Chapter in, John McLevey, Peter J. Carrington, and John Scott (Eds.) *Sage Handbook of Social Network Analysis (Second Edition)* (pp.439-454). London: Sage Publications

Perry, Brea L. and Adam R. Roth. 2021. "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

COMMENTARY

Roth, Adam R. 2022. "Social Connectedness and Cognitive Decline." *The Lancet Healthy Longevity* 3(11): e723-e724. doi:10.1016/S2666-7568(22)00217-3

GRANTS

National Institute on Aging (R01-AG078247), "Social Mechanisms of Cognitive Aging Disparities in Rural and Urban Older Populations." 2022-2027. Role: PI. Award: $2,691,347

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

HONORS AND AWARDS

2019   John Wardwell Scholarship, Department of Sociology, Washington State University

2019   Arnold and Julia Greenwell Memorial Scholarship, Graduate School, Washington State University *Declined due to early graduation*

2017-18 Social Networks & Health Fellowship, Duke Network Analysis Center, Duke University

2018   William Julius Wilson Graduate Student Summer Health Equity Fellowship, Sociology Department, Washington State University

2018   James F. Short Jr. Research Award, Sociology Department, Washington State University

2016-18 Fred Yoder Graduate Fellowship, Sociology Department, Washington State University

2016   National Science Foundation Graduate Research Fellowship (Honorable Mention)

2015   College of Arts & Sciences Recruitment Fellowship, Washington State University

2012   Collegiate Learning Assessment, Dean's Cup Champion, California State University, Chico

2012   Robert Rankin Award, Department of Sociology, California State University, Chico

PROFESSIONAL MEETINGS

Roth, Adam R. and Siyun Peng. "Streams of Interactions: Social Connectedness in Daily Life." Population Association of America Annual Meeting, Columbus, OH, April 17-20, 2024 (Scheduled)

Peng, Siyun and Adam R. Roth. "Social Disengagement? American Core Networks and Daily Social Interactions by Age." American Sociological Association Annual Meeting, Philadelphia, PA, August 17-21, 2023

Roth, Adam R. and Ashley F. Railey. "Why Do People Skip Your Big Day? A Sociological Analysis of Wedding Attendance." Sunbelt International Social Network Conference, Portland, OR, June 27-July 1, 2023

Roth, Adam R., Ashley F. Railey, and Siyun Peng. "Social Environment and Alzheimer's Disease Mortality Rates in the United States." Population Association of America Annual Meeting, New Orleans, LA, April 12-15, 2023

Coleman, Max E.*, Meghann E.H. Roessler*, Siyun Peng, Adam R. Roth, Shannon L. Risacher, Andrew J. Saykin, Liana G. Apostolova, and Brea L. Perry. "Social Enrichment on the Job: How Complex Work Preserves Cognitive Function, Promotes Brain Reserve, and Reduces the Risk of Dementia." Population Association of America Annual Meeting, New Orleans, LA, April 12-15, 2023

McConnell, William R., Katherine Haggar, Mohit Manchella, Adam R. Roth, and Brea L. Perry. "Social Networks and Cognitive Function: Policy Implications of Recent Research." Gerontological Society of America Annual Meeting, Indianapolis, IN, November 2-6, 2022

Roth, Adam. R., Siyun Peng, and Brea L. Perry. "Cognitive Health Across Geographic Contexts: A Social Network Approach." American Sociological Association Meeting, Los Angeles, CA, August 5-9, 2022

Roth, Adam R. and Siyun Peng. "Non-spousal Support, Marital Status, and Mortality Risk Among Older Adults." American Sociological Association Meeting (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 (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 (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 Environment and Cognitive Health in Urban and Rural Areas." Interdisciplinary Network on Rural Population Health Annual Meeting, August 10, 2023

Roth, Adam R. "Social Environment and Cognitive Health in Urban and Rural Areas." Rural Health and the Built Environment Working Group, November 30, 2022

Roth, Adam R. "Social Network Typology and Cognitive Function Among Rural and Urban Older Populations." Interdisciplinary Network on Rural Population Health Annual Meeting, August 5, 2021

Roth, Adam R. "Social Networks and Rural-Urban Cognitive Health Disparities." Interdisciplinary Network on Rural Population Health Annual 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

MEDIA OUTLETS

"Cognitive Function in Later Life with Dr. Adam Roth." April 25, 2022. *On Topic with IU* (podcast). Indiana University Media School

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

Review Committee, NIA R24 Behavioral and Social Research Networks, National Institutes of Health (2024)

Editorial Board, *Journal of Gerontology: Social Science*s (2024 - present)

Section liaison, Aging and the Life Course, American Sociological Association (2022 - present)

Journal referee: *Advances in Life Course Research; Advances in Medical Sociology; Aging and Mental Health; Ageing & Society; Alzheimer's & Dementia; BMC Psychiatry; BMC Public Health; BMJ Open; Cognitive Behaviour Therapy; European Journal of Ageing; Journal of Demographic Economics; Journal of Aging and Health; Journal of Geriatric Psychiatry and Neurology; Journals of Gerontology: Psychological Sciences and Social Sciences;*

Journal of Health and Social Behavior; Journal of Public Health; Journal of Theoretical Social Psychology; Network Science; PLoS One; Schizophrenia Bulletin; Social Inclusion; Social Networks; Social Problems; Social Sciences; Social Science & Medicine; Social Science Research; Society and Mental Health; Sociological Research Online; Socius; SSM-Mental Health; Stress & Health; The Gerontologist; The Lancet Health Longevity; The Sociological Quarterly; Wellcome Open Research; Women's Health

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

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

UNIVERSITY SERVICE

Advisory Group, Physical Activity & Social Connectedness Study, University of Glasgow (2022-2025)

Graduate Studies Committee, Sociology Department, Oklahoma State University (2023-2024)

Undergraduate Studies Committee, Sociology Department, Oklahoma State University (2022-2023)

Symposium & Lectureship committee, Sociology Department, Oklahoma State University (2022-24)

Faculty Search Committee, Sociology Department, Washington State University (2016-2018)

Graduate Student Travel Grant Review Committee, Washington State University (2016-2017)

Graduate & Professional Student Association Senator, Washington State University (2015-2017)

TEACHING EXPERIENCE

Oklahoma State University

    SOC 3993—Sociology of Aging: Fall 2022, Spring 2023, Fall 2023

    SOC 4153—Sociology of Health and Illness: Fall 2023

    SOC 5263—Quantitative Analysis of Social Research: Spring 2024

Indiana University

    SOC-S110—Understanding Social Data: Fall 2021

Washington State University

    SOC 320—Introduction to Social Research Methods: Fall 2017, Summer 2017

    SOC 321—Quantitative Techniques in Sociology: Spring 2019, Spring 2017 (Lab Instructor)

    SOC 245—Sociology of Sport: Fall 2016 (Teaching Assistant)

REFRENCES

Available upon request