

**CURRICULUM VITA**  
**YANG CLAIRE YANG**  
**(Formerly YANG YANG)**

Department of Sociology  
Notre Dame Population Analytics Program  
4076 Jenkins Nanovic Halls  
Notre Dame, IN 46556  
Phone: (574) 631-5745  
Email: [Claire.Yang@nd.edu](mailto:Claire.Yang@nd.edu)  
Website: <https://sites.nd.edu/yang-c-yang/>

**EDUCATION**

|       |                                                           |
|-------|-----------------------------------------------------------|
| Ph.D. | Sociology, Duke University, 2005                          |
| M.S.  | Statistics, Duke University, 2004                         |
| M.A.  | Sociology, The Ohio State University, 2000                |
| B.A.  | Chinese Language and Literature, Beijing University, 1998 |

**PRIMARY AREAS OF PROFESSIONAL INTEREST**

*Demography* (population health and aging; cohort analysis; mathematical demography)  
*Medical Sociology* (social epidemiology; social differentials in life course trajectories of health; biosocial linkages to health and aging)  
*Social Stratification* (social disparities in health and well-being; social mobility and health)  
*Statistical Methods* (generalized linear mixed models, longitudinal analysis; integrative data analysis; Bayesian inference)

**PROFESSIONAL EXPERIENCE**

|                |                                                                                                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2026 – Present | Duda Family Professor of Sociology<br>Faculty Affiliate, ND Population Analytics Program<br>University of Notre Dame                                                                                 |
| 2022 – 2026    | Alan Shapiro Distinguished Professor, Department of Sociology<br>Lineberger Comprehensive Cancer Center<br>Faculty Fellow, Carolina Population Center<br>University of North Carolina at Chapel Hill |
| 2015 – 2022    | Professor, Department of Sociology<br>Lineberger Comprehensive Cancer Center<br>Faculty Fellow, Carolina Population Center<br>University of North Carolina at Chapel Hill                            |

|             |                                                                                                                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 – 2015 | Associate Professor, Department of Sociology<br>Lineberger Comprehensive Cancer Center<br>Faculty Fellow, Carolina Population Center<br>University of North Carolina at Chapel Hill                                    |
| 2005 – 2010 | Assistant Professor, Department of Sociology<br>Research Associate, Population Research Center and Center of Demography<br>and Economics of Aging at the National Opinion Research Center<br>The University of Chicago |
| 2001 – 2003 | Research Assistant, Department of Sociology and Center for Demographic<br>Studies, Duke University                                                                                                                     |
| 2000        | Research Assistant, Department of Sociology, The Ohio State University                                                                                                                                                 |
| 1998 – 1999 | Graduate Teaching Assistant, Department of Sociology, The Ohio State<br>University                                                                                                                                     |
| 1997        | Marketing Research Analyst, Council on International Educational Exchange,<br>Beijing, China                                                                                                                           |

## **HONORS AND AWARDS**

|             |                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------|
| 2014        | Early Achievement Award, Population Association of America                                                              |
| 2013        | Elected to the Sociological Research Association.                                                                       |
| 2012        | Ruth & Phillip Hettelman Prize for Artistic & Scientific Achievement,<br>University of North Carolina at Chapel Hill    |
| 2010        | Harrington Faculty Fellowship, University of Texas at Austin. Declined.                                                 |
| 2005        | Graduate Student Paper Award, Section on Aging and the Life Course of the<br>American Sociological Association          |
| 2004        | Student Research Dissertation Award, Behavioral and Social Sciences Section<br>of the Gerontological Society of America |
| 2004        | Student Paper Competition Award, Sponsored by a Consortium of Sections of<br>the American Statistical Association       |
| 2004 – 2005 | Program for Advanced Research in the Social Sciences Graduate Fellowship,                                               |

Social Science Research Institute, Duke University

- 2004 – 2005      Vorsanger-Smith Scholar, Department of Sociology, Duke University
- 2004              Clinical Faculty Arts and Sciences Summer Research Fellowship, Duke University
- 2004              Phillip Jackson Baugh Endowed Graduate Fellowship, Graduate School, Duke University
- 2001 – 2004      Conference Travel Awards Fellowship, Duke University
- 2000 – 2001      Graduate Award Fellowship, Graduate School, Duke University
- 1994 – 1997      Highly competitive scholarships and fellowships throughout undergraduate education, Beijing University

**CITATIONS:** 13,879; **H-INDEX:** 46; **I10-INDEX:** 82 ([Google Scholar](#) as of July, 2026)

## BIBLIOGRAPHY

### Books

- 2013    **Yang, Yang** and Kenneth C. Land. *Age-Period-Cohort Analysis: New Models, Methods, and Empirical Applications*. New York: Chapman & Hall/CRC Press. ([Publisher website](#))

**Refereed Articles** (\*indicates shared first-authorship or senior authorship with equal weight to the first author; +indicates a current or former student or post-doc/fellow mentee)

Forthcoming    Stebbins, Rebecca, Chantel Martin, Lauren Gaydos, Yang Claire Yang, Allison E. Aiello. “Educational Attainment, Secondary School Features and Midlife Cognitive Functioning: Understanding the Associations between Education and Cognitive Domains”, *Journals of Gerontology: Social Sciences* (Supplement Issue on Add Health Wave VI). <https://doi.org/10.1093/geronb/gbag159>.

Forthcoming    **Yang, Yang Claire**, Man Zhang<sup>+</sup>, Kaitlin Shartle<sup>+</sup>, Allison Aiello, and Kathleen Mullan Harris. “Social Disconnection and Cognitive Aging across the Life Course: Coordinated Longitudinal Analysis of Three National Cohort Studies”, *Journals of Gerontology: Social Sciences* (Supplement Issue on Add Health Wave VI). <https://doi.org/10.1093/geronb/gbag137>

2026    Mendoza, Carmen E<sup>+</sup>, Allison E. Aiello, Kathleen Mullan Harris, **Yang Claire Yang**, Nora Franceschini, and Wayne Rosamond. “Helicobacter pylori Seroprevalence and Its Association with Prevalent and Incident Blood Pressure and Hemoglobin A1c in

- the National Longitudinal Study of Adolescent to Adult Health.” *BMJ Public Health* 17(4): e003098. <http://doi.org/10.1136/bmjph-2025-003098>. PMCID: [PMC12927293](https://pubmed.ncbi.nlm.nih.gov/PMC12927293/).
- 2026 Momkus, Jennifer<sup>+</sup>, Kathleen Mullan Harris, **Yang Claire Yang**, Chantel Martin, Jessie Edwards, and Allison Aiello. “A Pathogen Penalty? Associations between Persistent Infections and Biological Aging in the U.S.” *Journal of Infectious Diseases*. <https://doi.org/10.1093/infdis/jiaf606>
- 2026 Momkus, Jennifer<sup>+</sup>, Kathleen Mullan Harris, **Yang Claire Yang**, Chantel Martin, Jessie Edwards, and Allison E. Aiello. “Life Course Socioeconomic Disadvantage and Persistent Infection Burden: Links to Cellular Immunosenescence in U.S. Young Adults.” *Social Science & Medicine* 383. <http://doi.org/10.1016/j.socscimed.2025.118398>. PMID: 40816217. ([LinkedIn page](#)).
- 2025 Wang, Leping<sup>+</sup> and **Yang Claire Yang**. “The Impact of Marital Trajectories on Late-life Social Isolation: A U.S.-China Comparison”, *Longitudinal and Life Course Studies* (Bristol University Press) Aug 22:138-172. <http://doi.org/10.1332/17579597Y2025D000000056>. PMID: 40846460.
- 2025 Aiello, Allison E., Jennifer Momkus<sup>+</sup>, Rebecca C. Stebbins<sup>+</sup>, Yuan Zhang, Chantel Martin, **Yang Claire Yang**, Lauren Gaydos, Taylor Hargrove, Adina Zeki Al-Hazzouri, Jennifer Manly, and Kathleen Mullan Harris. “Risk Factors for Alzheimer's Disease and Cognitive Function Before Middle Age in a U.S. Representative Population-Based Study.” *The Lancet Regional Health – Americas* Apr 5:45:101087. <http://doi.org/10.1016/j.lana.2025.101087>. PMCID: 12001091.
- 2024 **Yang, Yang Claire**, Christine E. Walsh<sup>+</sup>, Kaitlin Shartle<sup>+</sup>, Rebecca C. Stebbins<sup>+</sup>, Allison E. Aiello, Daniel W. Belsky, Kathleen Mullan Harris, Marianne Chanti-Ketterl<sup>+</sup>, and Brenda L. Plassman. “An Early and Unequal Decline: Life Course Trajectories of Cognitive Aging in the United States.” *Journal of Aging and Health* 36(3-4): 230-245. <http://doi.org/10.1177/08982643231184593>. PMID: 37335551.
- 2023 Boen, Courtney E.<sup>+</sup>, **Yang Claire Yang**, Allison E. Aiello, Alexis C. Dennis, Kathleen Mullan Harris, Dayoon Kwon, and Daniel W. Belsky. “Patterns and Life Course Determinants of Black-White Disparities in Biological Age Acceleration: A Decomposition Analysis.” *Demography* 60(6):1815-41. <http://doi.org/10.1215/0070337011057546>. PMID: 37982570.
- 2023 Musty, Allison<sup>+</sup>, Jennifer L. Lund, **Yang Claire Yang**, Joshua Niznik, Shahar Shmuel, Emilie D. Duchesneau. “The association between wealth and sleep medication use in a nationally-representative sample of older Medicare beneficiaries.” *Pharmacoepidemiology and Drug Safety*: <http://doi.org/10.1002/pds.5703>. PMID: 37743351.
- 2023 Duchesneau, Emilie D., Shahar Shmuel, Keturah R. Faurot, Allison Musty<sup>+</sup>, Jihye Park,

- Til Stürmer, Alan C Kinlaw, **Yang Claire Yang**, and Jennifer L. Lund. "Missing Data Approaches in Longitudinal Studies of Aging: A Case Example Using the National Health and Aging Trends Study." *PLOS One* 18(6): e0286984. <http://doi.org/10.1371/journal.pone.0286984>. PMID: 37289795.
- 2023 Qi, Xiang<sup>+</sup>, Daniel W. Belsky, **Yang Claire Yang**, and Bei Wu. "Association between Types of Loneliness and Risks of Functional Disability in Older Men and Women: A Prospective Analysis." *American Journal of Geriatric Psychiatry* 31(8):621-632. <http://doi.org/10.1016/j.jagp.2023.02.046>. PMID: 36935279.
- 2023 Duchesneau, Emilie D., Shahar Shmuel, Keturah R. Faurot, Jihye Park, Allison Musty<sup>+</sup>, Virginia Pate, Alan C Kinlaw, Til Stürmer, **Yang Claire Yang**, Michele Jonsson Funk, Jennifer L Lund. "Translation of a claims-based frailty index from International Classification of Diseases 9th Revision to 10th Revision." *American Journal of Epidemiology* 192(12):2085-2093. <http://doi.org/10.1093/aje/kwad151>. PMID: 37431778.
- 2022 Rebecca C. Stebbins<sup>+</sup>, Joanna Maselko, **Yang Claire Yang**, Brenda Plassman, Jessie K. Edwards, Allison E. Aiello. "Lifecourse Traumatic Events and Cognitive Aging in the Health and Retirement Study." *American Journal of Preventive Medicine* 63(5):818-826. <http://doi.org/10.1016/j.amepre.2022.05.007>. PMID: 35798618.
- 2022 Shartle, Kaitlin<sup>+</sup>, **Yang Claire Yang**, Laura S. Richman, Daniel W. Belsky, Allison E. Aiello, and Kathleen Mullan Harris. "Social Relationships, Wealth, and Cardiometabolic Risk: Evidence from a National Longitudinal Study of U.S. Older Adults." *Journal of Aging and Health* 34(6-8):1048-1061. <http://doi.org/10.1177/08982643221087807>. PMID: 35481380.
- 2022\* Walsh, Christine E.<sup>+</sup>, **Yang Claire Yang**, Katsuya Oi<sup>+</sup>, Allison E. Aiello, Daniel W. Belsky, Kathleen M. Harris, and Brenda L. Plassman. "Age Profiles of Cognitive Decline and Dementia in Late Life in the Aging, Demographics and Memory Study (ADAMS)." *Journals of Gerontology, Series B: Social Sciences* 77:1880-91. <http://doi.org/10.1093/geronb/gbac038>. PMID: 35171992.
- 2022 Stebbins, Rebecca C.<sup>+</sup>, **Yang Claire Yang**, Max Reason<sup>+</sup>, Allison E. Aiello, Daniel W. Belsky, Kathleen Mullan Harris, and Brenda L. Plassman. "Occupational Cognitive Stimulation, Socioeconomic Status, and Cognitive Functioning in Young Adulthood." *Social Science & Medicine – Population Health* 17:101024. <http://doi.org/10.1016/j.ssmph.2022.101024>. PMID: 35071726.
- 2022 Chanti-Ketterl, Marianne<sup>+</sup>, Rebecca C. Stebbins<sup>+</sup>, Hardeep K. Obhi<sup>+</sup>, Daniel W. Belsky, Brenda L. Plassman, and **Yang Claire Yang**. "Sex Differences in the Association

- between Metabolic Dysregulation and Cognitive Aging: The Health and Retirement Study.” *Journals of Gerontology: Medical Sciences* 77(9):1827-1835. <http://doi.org/10.1093/Gerona/glab285>. PMID: 34606593.
- 2021 Stebbins, Rebecca C.<sup>+</sup>, Grace A. Noppert<sup>+</sup>, **Yang Claire Yang**, Jennifer B. Dowd, Amanda Simanek, and Allison E. Aiello. “Immune Function, Cortisol, and Cognitive Decline & Dementia in an Aging Latino Population.” *Psychoneuroendocrinology* 133:105414. DOI: [10.1016/j.psyneuen.2021.105414](https://doi.org/10.1016/j.psyneuen.2021.105414) PMID: 34563836.
- 2021 **Yang, Yang Claire**, Christine E. Walsh<sup>+</sup>, Moira Johnson<sup>+</sup>, Daniel W. Belsky, Max Reason<sup>+</sup>, Patrick Curran, Allison E. Aiello, Marianne Chanti-Ketterl<sup>+</sup>, and Kathleen Mullan Harris. “Life Course Trajectories of Body Mass Index from Adolescence to Old Age: Racial and Educational Disparities.” *Proceedings of the National Academy of Science* 118(17):e2020167118. <http://doi.org/10.1073/pnas.2020167118>. PMID: 33875595.
- 2021 Stebbins, Rebecca C.<sup>+</sup>, Grace A. Noppert<sup>+</sup>, **Yang Claire Yang**, Jennifer B. Dowd, Amanda Simanek, and Allison E. Aiello. “Association Between Immune Response to Cytomegalovirus and Cognition in the Health and Retirement Study.” *American Journal of Epidemiology* 190(5):786-797. <http://doi.org/10.1093/aje/kwaa238>. PMID: 33094810.
- 2020 Martinez-Miller, Erlene E.<sup>+</sup>, Whitney R. Robinson, Christy L. Avery, **Yang Claire Yang**, Mary N. Haan, Aric A. Prather, Allison E. Aiello. “Acculturation, Cognitive Performance and Decline, and Incident Dementia/CIND: The Sacramento Area Latino Study on Aging” *American Journal of Epidemiology* 189(11):1292-1305. <http://doi.org/10.1093/aje/kwaa088> PMID: 7604518.
- 2020 Olshansky, S. Jay, Hiram Beltran-Sanchez, **Yang Claire Yang**, Yi Li<sup>+</sup>, Nir Barzilai, Paola Rode, and Bradley Willcox. “Projected lifespan and healthspan of Joe Biden and Donald Trump before the 2020 election.” *Journal of Active Aging*: Oct. online issue: <http://docslib.org/doc/2843678>
- 2020 Snyder-Mackler, Noah, Joseph Robert Burger, Lauren Gaydos, Dan Belsky, Grace A. Noppert<sup>+</sup>, Fernando A. Campos, Alessandro Bartolomucci, **Yang Claire Yang**, Allison E. Aiello, Angela O’Rand, Kathleen Mullan Harris, Carol A. Shively, Susan C. Alberts, and Jenny Tung. “Social Determinants of Health and Survival in Humans and Other Animals.” *Science* 368(6493), eaax9553. <http://doi.org/10.1126/science.aax9553>. PMID: 7398600.
- 2020 **Yang, Yang Claire**, Courtney E. Boen<sup>+</sup>, Kristen Schorpp<sup>+</sup>, Moira Johnson<sup>+</sup>, and Kathleen Mullan Harris. “Socioeconomic Status and Biological Risks for Health and Illness Across the Life Course.” *Journals of Gerontology: Social Sciences* 75(3):613-624. <http://doi.org/10.1093/geronb/gby108>. PMID: 7328029.  
- selected as Editor’s Choice feature article

- 2019 Zang, Emma, Hui Zheng, **Yang Claire Yang**, and Kenneth Land. "Recent Trends in U.S. Mortality in Early and Middle Adulthood: Race/Ethnic Disparities in Inter-Cohort Patterns." *International Journal of Epidemiology* 48(3):934-944. <http://doi.org/10.1093/ije/dyy255>. PMCID: 6934031.
- 2019 Martinez-Miller, E. E.<sup>+</sup>, Prather A. A., Robinson W. R., Avery C. L., **Yang, Yang C.**, Haan M. N., Aiello A. E. "US acculturation and poor sleep among an intergenerational cohort of adult Latinos in Sacramento, California." *Sleep* 42(3):zsy246. <http://doi.org/10.1093/sleep/zsy246>. PMCID: 6424080.
- 2018 Chawla, Devika<sup>+</sup>, **Yang Claire Yang**, Tania A. Desrosiers, Daniel J. Westreich, Andrew J. Olshan, Julie L. Daniels. "Past-month cannabis use among U.S. individuals from 2002-2015: An age-period-cohort analysis." *Drug and Alcohol Dependence* 193:177-182. <http://doi.org/10.1016/j.drugalcdep.2018.05.035>. PMCID: 6542262.
- 2018\* Murphy, Caitlin C.<sup>+</sup> and **Yang Claire Yang**. "Use of age-period-cohort analysis in cancer epidemiology research." *Current Epidemiology Reports* 5:418-31. <http://doi.org/10.1007/s40471018-0174-8>. PMCID: 6474378.
- 2018 Li, Ting<sup>+</sup>, **Yang Claire Yang**, Yanlong Zhang. "Culture, Economic Development, Social-Network Type, and Mortality." *Social Science & Medicine* 204:23-30. <http://doi.org/10.1016/j.socscimed.2018.03.021>
- 2018\* Busch, Evan L.<sup>+</sup>, Eric A. Whitsel, Candyce H. Kroenke, and **Yang Claire Yang**. "Social Relationships, Inflammation Markers, and Breast Cancer Incidence in the Women's Health Initiative." *Breast* 39:63-69. <https://doi.org/10.1016/j.breast.2018.03.013>. PMCID: 5936641.
- 2018\* Boen, Courtney<sup>+</sup>, David Barrow, Jeannette T. Bensen, Laura Farnan, Adrian Gerstel, Laura Hendrix, and **Yang Claire Yang**. "Social Relationships, Inflammation, and Cancer Survival." *Cancer Epidemiology, Biomarkers & Prevention* 27(5):541-9. (**Highlight** of the issue). <http://doi.org/10.1158/1055-9965.EPI-17-0836>. PMCID: 5932225.
- 2017 Murphy, Caitlin C.<sup>+</sup>, Hanna K. Sanoff, Karyn B. Stitzenberg, John A. Baron, **Yang Claire Yang**, Jennifer L. Lund. "RE: Colorectal cancer incidence patterns in the United States, 1974—2013." *Journal of the National Cancer Institute* 109(8). <http://doi.org/10.1093/jnci/djx104>. PMCID: 29117391.
- 2017 **Yang, Yang Claire**, Moira Johnson<sup>+</sup>, Courtney E. Boen<sup>+</sup>, Kristen Schorpp<sup>+</sup>, and Kathleen Mullan Harris. "Social Disparities in Biological Risk Factors of Cancer in Young Adulthood: Obesity, Inflammation, and Socio-behavioral Mechanisms." *American Journal of Preventive Medicine* 53(3S1):S21-S29. <https://doi.org/10.1016/j.amepre.2017.04.025>. PMCID: 5867534.

- 2017 **Yang, Yang Claire**, Courtney Boen<sup>+</sup>, Kristen Schorpp<sup>+</sup>, Karen Gerken<sup>+</sup>, and Kathleen Mullan Harris. "Early Life Socioeconomic Status and Adult Physiological Functioning: A Life Course Examination of Biosocial Mechanisms." *Biodemography and Social Biology* 63(2):87-103. <http://doi.org/10.1080/19485565.2017.1279536>. PMCID: 5439296.
- 2017 Murphy, Caitlin C.<sup>+</sup>, **Yang, Yang Claire**, Shaheen, Nicholas J., Hofstetter, Wayne L., Sandler, Robert S. "An age-period-cohort analysis of obesity and incident esophageal adenocarcinoma among white males." *Diseases of the Esophagus* 30(3):1-8. <http://doi.org/10.1111/dote.12526>.
- 2017 Masters, Ryan K., Eric N. Reither, Daniel A. Powers, **Yang Claire Yang**, and Bruce G. Link. "Masters et al. Respond" *American Journal of Epidemiology* 185(6): 412-413.
- 2017 Murphy, Caitlin C.<sup>+</sup>, Sandler, Robert S., Sanoff, Hanna K., **Yang, Yang C.**, Lund, Jennifer L., Baron, John A. "Declines in incidence of colorectal cancer among individuals 50 years or older following recommendations for population-based screening." *Clinical Gastroenterology and Hepatology* 15(6):903-9. <http://doi.org/10.1016/j.cgh.2016.08.037>. PMCID: 5337450.
- 2016 Chollet-Hinton, Lynn<sup>+</sup>, Carey K Anders, Chiu-Kit Tse, Mary Beath Bell, **Yang Claire Yang**, Lisa A Carey, Andrew F Olshan, Melissa A Troester. "Breast cancer biologic and etiologic heterogeneity by young age and menopausal status in the Carolina Breast Cancer Study: A case-control study." *Breast Cancer Research* 18(1):79. <https://doi.org/10.1186/s13058-016-0736-y>. PMCID: 27492244.
- 2016 Olshansky, S. Jay, Bruce A. Carnes, **Yang Claire Yang**, Norvell Miller, Janet Anderson, Hiram Beltran-Sanchez, and Karl Ricanek Jr. "The Future of Smart Health." *Computer (IEEE)* 11.16:14-25. <https://doi.ieeecomputersociety.org/10.1109/MC.2016.336>
- 2016 Boen, Courtney E.<sup>+</sup> and **Yang Claire Yang**. "The Physiological Impacts of Wealth Shocks in Late Life: Evidence from the Great Recession." *Social Science & Medicine* 150:221-230. <https://doi.org/10.1016/j.socscimed.2015.12.029>. PMCID: 4764349.
- 2016 **Yang, Yang Claire**, Courtney E. Boen<sup>+</sup>, Karen Gerken<sup>+</sup>, Ting Li<sup>+</sup>, Kristen Schorpp<sup>+</sup>, and Kathleen Mullan Harris. "Social Relationships and Physiological Determinants of Longevity across Human Life Span." *Proceedings of National Academy of Science* 113(3):578-83. <https://doi.org/10.1073/pnas.1511085112>. PMCID: 4725506.
- 2015 Reither, Eric, Ryan Masters, **Yang Claire Yang**, Daniel Powers, Hui Zheng, and Kenneth Land. "Should Age-period-cohort Studies Return to the Methodologies of the 1970s?" *Social Science & Medicine* 128:356-365. <https://doi.org/10.1016/j.socscimed.2015.01.011>

- 2015 Reither, Eric, Kenneth Land, et al., **Yang Claire Yang**. "Clarifying Hierarchical Age-period-cohort Models: A Rejoinder to Bell and Jones." *Social Science & Medicine* 145:125-128. <https://doi.org/10.1016/j.socscimed.2015.07.013>. PMID: 4673395.
- 2015 Chen, Feinian, Christine A. Mair, Luoman Bao, and **Yang Claire Yang**. "Race/Ethnic Differentials in the Health Consequences of Caring for Grandchildren for Grandparents." *Journals of Gerontology: Social Sciences* 70: 793-803. <https://doi.org/10.1093/geronb/gbu160>. PMID: 4635642.
- 2015 **Yang, Yang Claire**, Courtney E. Boen<sup>+</sup>, and Kathleen Mullan Harris. "Social Relationships and Hypertension in Late Life: Evidence from a Nationally Representative Longitudinal Study of Older Adults." *Journal of Aging and Health* 27(3): 403-31. <https://doi.org/10.1177/0898264314551172>. PMID: 4368483.
- 2014 Wang, Haidong, **Yang Claire Yang**, et al. (229 co-authors) "Global, Regional, and National Levels of Neonatal, Infant, and under-5 Mortality during 1990-2013: A Systematic Analysis for the Global Burden of Disease Study 2013." *Lancet*: [http://dx.doi.org/10.1016/s0140-6736\(14\)60497-9](http://dx.doi.org/10.1016/s0140-6736(14)60497-9).
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- 2014 **Yang, Yang Claire**, Ting Li<sup>+</sup>, and Steven M. Frenk<sup>+</sup>. "Social Network Ties and Inflammation in U.S. Adults with Cancer." *Biodemography and Social Biology* 60:21-37. <https://doi.org/10.1080/19485565.2014.899452>. PMID: 4064303.
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- 2014 **Yang, Yang Claire** and Kenneth C. Land. "Cohort Analysis." *Oxford Bibliographies in Sociology*. New York: Oxford University Press. <http://doi.org/10.1093/obo/97801997563840104>.

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- 2013 **Yang, Yang Claire**, and Kenneth C. Land. "Misunderstandings, Mischaracterizations, and the Problematic Choice of a Specific Instance in Which the IE Should Never Be Applied." *Demography* (Invited Commentary) 50: 1969-1971. <https://doi.org/10.1007/s13524-013-0254-9>. PMID: 3919028.
- 2013 Frenk, Steven M.<sup>+</sup>, **Yang Claire Yang**, and Kenneth C. Land. "Assessing the Significance of Cohort and Period Effects in Hierarchical Age-Period-Cohort Models: Applications to Verbal Test Scores and Voter Turnout in U.S. Presidential Elections." *Social Forces* 92(1): 221-248. <https://doi.org/10.1093/sf/sot066>. PMID: 4226416.
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- 2013 Short, Susan, **Yang Claire Yang**, Tania Jenkins. "Sex, Gender, Genetics, and Health." *American Journal of Public Health* 103:S93-S101. <https://doi.org/10.2105/AJPH.2013.301229>. PMID: 3786754.
- 2013 **Yang, Yang Claire**, Martha McClintock, Michael Kozloski<sup>+</sup>, and Ting Li<sup>+</sup>. "Social Isolation and Adult Mortality: The Role of Chronic Inflammation and Sex Differences." *Journal of Health and Social Behavior* 54(2):182-202. <https://doi.org/10.1177/0022146513485244>. PMID: 3998519.
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- 2011 Fu, Wenjiang, Kenneth Land, and **Yang Yang**. "On the Intrinsic Estimator and Constrained Estimators in Age-Period-Cohort Models." *Sociological Methods & Research* 40(3):453-466. <https://doi.org/10.1177/0049124111415355>.
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- 2010 **Yang, Yang** and Linda C. Lee<sup>+</sup>. "Dynamics and Heterogeneity in the Process of Human Frailty and Aging: Evidence from the U.S. Older Adult Population." *Journals of Gerontology: Social Sciences* 65(B):246-255. <https://doi.org/10.1093/geronb/gbp102>. PMID: 2981448.
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- 2009 **Yang, Yang** and Linda C. Lee<sup>+</sup>. "Sex and Race Disparities in Health: Cohort Variations in Life Course Patterns." *Social Forces* 87(4):2093-2124. <https://doi.org/10.1353/sof.0.0183>
- 2008 **Yang, Yang**. "Long and Happy Living: Trends and Patterns of Happy Life Expectancy in the U.S., 1970-2000." *Social Science Research* 37:1235-1252. <https://doi.org/10.1016/j.ssresearch.2007.07.004>. PMID: PMC3609702.
- 2008 **Yang, Yang**, Sam Schulhofer-Wohl, Wenjiang J. Fu, and Kenneth C. Land. "The Intrinsic Estimator for Age-Period-Cohort Analysis: What It Is and How to Use It." *American Journal of Sociology* 113(6):1697-1736. <https://doi.org/10.1086/587154>.
- 2008 **Yang, Yang**. "Trends in U.S. Adult Chronic Disease Mortality: Age, Period, and Cohort Variations." *Demography* 45:387-416. <https://doi.org/10.1353/dem.0.0000>. PMID: PMC2831365.
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- 2008 **Yang, Yang**, and Kenneth C. Land. "Age-Period-Cohort Analysis of Repeated Cross-section Surveys: Fixed or Random Effects?" *Sociological Methods and Research* 36(3) (special issue):297-326. <https://doi.org/10.1177/0049124106292360>.
- 2007 **Yang, Yang**. "Is Old Age Depressing? Growth Trajectories and Cohort Variations in Late Life Depression." *Journal of Health and Social Behavior* 48(1):16-32. <https://doi.org/10.1177/002214650704800102>.
- 2006 **Yang, Yang**. "How Does Functional Disability Affect Depressive Symptoms in Late Life? The Role of Perceived Social Support and Psychological Resources." *Journal of Health and Social Behavior* 47(4):355-372. <https://doi.org/10.1177/002214650604700404>.

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- 2006 **Yang, Yang** and Kenneth C. Land. “A Mixed Models Approach to Age-Period-Cohort Analysis of Repeated Cross-Section Surveys: Trends in Verbal Test Scores.” *Sociological Methodology* 36(1):75-97. <https://doi.org/10.1111/j.1467-9531.2006.00175.x>.
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- 2004 **Yang, Yang**, Wenjiang J. Fu, and Kenneth C. Land. “A Methodological Comparison of Age-Period-Cohort Models: Intrinsic Estimator and Conventional Generalized Linear Models.” *Sociological Methodology* 34:75-110. <https://doi.org/10.1111/j.0081-1750.2004.00148.x>.
- 2003 **Yang, Yang** and S. Philip Morgan. “How Big Are Educational and Racial Fertility Differentials in the U.S.?” *Biodemography and Social Biology* 50(3-4):167-187. PMCID: 2849154. <https://doi.org/10.1080/19485565.2003.9989070>.

**Book Chapters** (\*indicates senior authorship with equal weight to the first author; +indicates a current or former student or post-doc/fellow mentee)

- Forthcoming **Yang, Yang Claire** and Man Zhang<sup>+</sup>. “Advances in Quantitative Aging Research: Data Linkage and Methodological Approaches to Modeling Life Course Processes”, forthcoming in *The Handbook of Sociology of Aging*, edited by M. Shafer, D. Carr, J. Angel, and R. Settersten. Springer Science.
- 2018 Lynch, Scott, Kenneth Land, **Yang Claire Yang**, and Yi Zeng. “Mathematical Demography”, forthcoming in *Handbook of Population*, 2<sup>nd</sup> edition, Chapter 28, edited by D.L. Poston. New York: Kluwer Academic/Plenum Publishers.
- 2017\* Boen, Courtney<sup>+</sup> and **Yang Claire Yang**. “Social Relationships and Cardiovascular Health: Underlying Mechanisms, Life Course Processes, and Future Directions.” *Lifestyle in Heart Health and Disease*, edited by S. Zibadi and R. Watson: Elsevier. <https://doi.org/10.1016/B978-0-12-811279-3.00025-2>.
- 2016 Schulhofer-Wohl, Sam and **Yang Claire Yang**. “Modeling the Evolution of Age and Cohort Effects.” Pp. 313 – 336 in *Dynamic Demographic Analysis*, edited by Robert Schoen. Springer.

- 2015 **Yang, Yang Claire** and Ryan Masters. "Period and Cohort Analysis in Demography." Pp. 727–734 in *International Encyclopedia of Social and Behavioral Sciences*, 2<sup>nd</sup> edition, Chapter 23, edited by James Wright. Oxford: Elsevier.
- 2013 Zheng, Hui, **Yang Yang**, and Kenneth C. Land. "Heteroscedastic Regression Models for the Systematic Analysis of Residual Variances. Pp. 133-152 in *Handbook of Causal Analysis for Social Research*, edited by S.L. Morgan. New York: Springer.
- 2010 **Yang, Yang**. "Aging, Cohorts, and Methods." Pp. 17-30 in *The Handbook of Aging and the Social Sciences*, 7<sup>th</sup> edition, edited by B. Binstock and L.K. George. Amsterdam: Elsevier/Academic Press.
- 2009 **Yang, Yang**. "Age, Period, Cohort Effects." Pp. 6-10 in *Encyclopedia of the Life Course and Human Development*, edited by D. Carr. New York: Gale Publishing.
- 2009 Canudas-Romo, Vladimir, **Yang Yang**, Kenneth Land, and Yi Zeng. "Mathematical Demography" Pp. 164 – 209 in *Sociology: Demography: the Past, Present and Future in Encyclopedia of Life Support Systems*. Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford, UK, [<http://www.eolss.net>].
- 2007 **Yang, Yang**. "Age/Period/Cohort Distinctions." Pp. 20-22 in *Encyclopedia of Health and Aging*, edited by K.S. Markides. Los Angeles, CA: Sage Publications.
- 2006 Land, Kenneth C., and **Yang Yang**. "Morbidity, Disability, and Mortality." Pp. 41-58 in *The Handbook of Aging and the Social Sciences*, 6<sup>th</sup> edition, edited by B. Binstock and L.K. George. Amsterdam: Elsevier/Academic Press.
- 2005 Land, Kenneth C., **Yang Yang**, and Yi Zeng. "Mathematical Demography." Pp. 659-717 in *The Handbook of Population: Part III, Chapter 22*, edited by D.L. Poston, Jr. and M. Micklin. New York: Kluwer Academic/Plenum Publishers.

### Refereed Unpublished Presentations and Abstracts

- 2020 Reason, M.<sup>+</sup>, **Yang, Y. C.**, Aiello, A. E., Belsky, D. W., Curran, P., Stebbins, R.<sup>+</sup>, Plassman, B. L., & Harris, K. M. "Measuring Global Cognition in a Pooled Sample Using Modified Non-linear Factor Analysis." Presented at the Annual Meetings of the American Sociological Association, San Francisco, CA., August 2020. SocArXiv 2020/6.
- 2019 Reason, M.<sup>+</sup>, **Yang, Y. C.**, A. E. Aiello, D. W. Belsky, K. M. Harris, B. L. Plassman, & R. Stebbins<sup>+</sup>. "Cognitive Functioning and Socioeconomic Status across the Early Life Course." Presented at the Annual Meetings of the Population Association of America, Austin, TX, April 2019. SocArXiv 2020/6.

- 2018 Reason, M.<sup>+</sup>, Johnson, M.<sup>+</sup>, Harris, K. M., Aiello, A. E., and **Yang, Y. C.** “Bridging Life Course SES and Memory: the Role of C-Reactive Protein.” Presented at the Annual Meetings of the Alzheimer’s Association International Conference (AAIC), Chicago, IL. July 2018.  
- *Best Poster Award.*
- 2013 **Yang, Yang C.** “Hierarchical Age-Period-Cohort Models: Overcoming the Limitations of Conventional Linear Models.” The Annual Meetings of the Society for Epidemiologic Research, Boston, MA.
- 2010 **Yang, Yang.** “Continuously Accumulating Cohort Effects Model.” (with Sam Schulhofer-Wohl) The American Sociological Association Methodology Conference, Urbana, IL.
- 2009 **Yang, Yang.** “Dynamics and Heterogeneity of Human Frailty and Aging.” The XIX IAGG World Congress of Gerontology and Geriatrics, Paris, France.
- 2009 **Yang, Yang.** “Modeling the Evolution of Age and Cohort Effects in Social Research.” (with Sam Schulhofer-Wohl) The Annual Meetings of the Population Association of America, Detroit, MI.
- 2008 **Yang, Yang.** “A Simulation Study of the Intrinsic Estimator for Age-Period-Cohort Analysis.” (with Sam Schulhofer-Wohl and Kenneth Land) The Annual Meetings of the Population Association of America, New Orleans.
- 2004 **Yang, Yang.** “A Bayesian Hierarchical Models Approach to Age-Period-Cohort Analysis of Repeated Cross-Section Survey Data.” Pp. 2375-2382 in *2004 Proceedings of the American Statistical Association*, Social Statistics Section [CD-ROM]. Alexandria, VA: American Statistical Association.

### Work In Progress

Atherton, O.E., **Yang, Yang C.**, Andre, T.J., and Mroczek, D.K. “It’s Time to Integrate Age-Period-Cohort Analysis into Psychological Research”, under review.

Zhang, Man<sup>+</sup> and **Yang, Yang Claire.** “Occupational (In)flexibility, Gender, and Depression Trajectories in Early Life”, Presented at the Annual Meetings of the Population Association of America, Columbus, Ohio, April 2024; manuscript in preparation.

Zhang, Man<sup>+</sup>, Alexandra Ro<sup>+</sup>, and **Yang Claire Yang.** “Revisiting the Weathering Hypothesis: Asian-White Disparities in Physiological Functioning in the United States”, Presented at the Annual Meetings of the Interdisciplinary Association of Population Health Science, St. Louis, Missouri, September 2024; manuscript in preparation.

Gaydosh, Lauren, Taylor Hargrove, Iliya Gutin, Kathleen Mullan Harris, Allison Aiello, **Yang Claire Yang**, Thomas McDade. “Biomarkers of Immune Function and Inflammation in Young Adulthood: Results from Archival Blood Spots Assays”, manuscript in preparation.

Zhang, Man<sup>+</sup>, **Yang Claire Yang**, and Yuan Zhang. “Life Course Pathways from Socioeconomic Status Early in Life to Cognitive Function in Midlife: The Role of Occupational Characteristics”, Presented at the Annual Meetings of the Population Association of America, Washington, D.C., April 2025; manuscript in preparation.

### **Non-refereed Works ,White Papers, Technical Reports, Software**

2019 Olshansky, S.J., H. Beltran-Sanchez, B.A., Carnes, **Yang C. Yang**, Y. Li, and B. Willcox. “Longevity and Health of U.S. Presidential Candidates for the 2020 Election.” A white paper presented by the *American Federation for Aging Research*.

2011 Schulhofer-Wohl, Sam, and **Yang Yang**. “Modeling the Evolution of Age and Cohort Effects in Social Research.” Federal Reserve Bank of Minneapolis, Research Department Staff Report 461.

2006 Schulhofer-Wohl, Sam, and **Yang Yang**. APC: Stata Module for Estimating Age-PeriodCohort Effects. (apc\_ie.ado and apc\_cglim.ado).  
<http://econpapers.repec.org/software/bocbocode/S456754.htm>

### **Book Reviews**

2006 **Yang, Yang**. “Cohort Analysis.” *Sociological Methods and Research* 35:154-156.

2002 **Yang, Yang**. “A Myriad of Wonders: A Review of Cells and Surveys – Should Biological Measures Be Included in Social Science Research?” *Social Biology* 49:116119.

### **INVITED PRESENTATIONS (Selected)**

University of Pennsylvania Population Studies Center Colloquium. “Life course inequalities in cognitive aging and dementia risk: New data and methodological approaches for population research”, Philadelphia, PA, September 2024.

National Institute on Aging, and the National Academies of Sciences, Engineering, and Medicine Workshop on “[Identifying Midlife Social Exposures that Might Modify Risk for Cognitive Impairment Associated with Early Life Disadvantage](#)”, the Committee on Population. Washington DC. August 2024.

Duke University Aging Center RTP Seminar for Postdoctoral Training Program. “Social Disparities in Health and Aging.” Durham, NC, April 7<sup>th</sup>, 2021.

University of North Carolina, Chapel Hill, School of Nursing, “Biological, Physiological, Psychological, and Behavioral Determinants of Health.” March 17th, 2021.

National Institute on Aging Workshop: “Deeply Phenotyped Longitudinal Studies of Aging”. February 25-26, 2021.

National Institute on Aging Research Center Collaborative Network 4th Workshop: Life Course Perspectives on Aging: “Socioeconomic Status and Health across the Life Course”, Bethesda, MD, Nov 3-4, 2020.

NIH Behavioral and Social Sciences Research Festival, “Social Stress and Chronic Disease of Aging: An Integrative Life Course Approach to Biosocial Linkages.” NIH Bethesda Campus, Natcher Conference Center, December 2017.

UNC-Chapel Hill, Lineberger Cancer Center, Cancer Outcomes Breakfast seminar, “Social Disparities in Biological Risk Factors for Cancer in Young Adulthood: Obesity, Inflammation, and Socio-behavioral Mechanisms”, November 2016.

National Institute on Aging and the National Academies of Sciences, Engineering, and Medicine, the Committee on Population expert meeting on “Health Disparities across the Life Course”. Washington DC. June 2016.

Center for Disease Control and Prevention/ National Association for Chronic Disease Directors, Expert meeting on opportunities for cancer prevention in early adulthood, Atlanta, GA, April 2016.

University of Michigan, the Institute for Social Research, “Early-life Social Conditions and Later Life Health: the Biodemography of Aging and the Life Course.” Ann Arbor, MI, November 2015.

Shanghai University, China, School of Sociology and Political Sciences seminar, “Disparities in Health and Longevity: Demographic, Social, and Biological Processes.” July 2015

Columbia University, Sociology Colloquium, “Why Do Women Live Longer than Men? An Integrative Social and Biodemographic Approach to Explaining Sex Differences in Aging and Longevity.” New York, NY, March 2013.

International Institute for Applied Systems Analysis, The World Population Program, & Max Planck Institute for Demographic Research, Süßmilch Lecture, “Cohort Analysis in Demographic Research: What’s New?” Laxenberg, Austria; Rostock, Germany, May 2011.

## TEACHING ACTIVITIES

### Courses Taught

#### University of North Carolina at Chapel Hill

SOCI 469: *Health and Society*: an undergraduate course on introduction to sociology of health and illness and required for Health and Society Minor. It surveys theoretical reviews as well as empirical research on the role of social factors in affecting health and well-being, the social stratification of illness across the life course, and the interplay of social and biological mechanisms underlying health disparities.

SOCI 825 / EPID 799c: *The Life Course and Aging: Theories and Methods in Social and Epidemiologic Research*: a graduate seminar cross-listed in Sociology and Epidemiology of major theoretical paradigms and methodological tools in recent life course and aging research and introduction of useful guidelines on how to conduct cohort analysis.

SOCI 825: *Aging and Cohort Analysis in Social and Epidemiologic Research: Models, Methods, and Innovations*: a graduate course introducing recent developments of methodological tools and major empirical studies of aging and the life course.

SOCI 422: *Sociology of Mental Health and Illness*: an undergraduate course required for the Health and Society Minor on core areas of medical sociology that includes social epidemiology of mental health; social stress and mental illness; health, aging, and the life course; and contemporary debates.

SOCI 620: *Aging and Cohort Analysis in Social and Epidemiologic Research*: an undergraduate and graduate (mixed level) course on major methodological tools and empirical studies of aging and time related change.

#### University of Chicago

*Social Science Inquiry II* (SS 13200): an undergraduate core course focusing on the process of making scientific arguments and introduction of quantitative methods in social and behavioral sciences in the College of the Social Science Division.

*Social Science Inquiry III* (SS 13300): an undergraduate core course focusing on using quantitative analysis to address research questions that can inform the democratic processes and policy in the College of the Social Science Division.

*Social Behavior and Health* (SOCI 20160/30160/BIOS 29312): an undergraduate and graduate introduction course on medical sociology and social epidemiology in the Colleges of the Social Sciences Division and Biological Sciences Division and the Department of Sociology.

*Basic Demographic Analysis* (SOCI 40101/PPS 43900): a graduate introduction course on basic concepts, methods, and materials of demographic analysis with a focus on life tables in the Department of Sociology and School of Public Policy.

*Cohort Analysis and Social Change* (SOCI 50058): a graduate seminar course on theories and methods of cohort analysis and new developments in age-period-cohort models in the Department of Sociology.

### **Short Training Courses**

- 1) *Age-Period-Cohort Analysis in Population and Health Research*. Population Dynamics and Health Program Workshop, Institute of Social Research, University of Michigan, Ann Arbor. August, 2025. (Recording on [Youtube](#))
- 2) *Period and Cohort Effects in Aging Research: Methods, Challenges, and Innovations*. National Institute on Aging Workshop: “Deeply Phenotyped Longitudinal Studies of Aging: Opportunities for Coordination and Collaboration”. February, 2021
- 3) *New Models and Methods of Cohort Analysis in Demographic and Epidemiologic Research*. Summer Short Course, Hong Kong Science and Technology University and Shanghai University, Shanghai, China, August 2016.
- 4) *Models and Methods of Age-Period-Cohort Analysis in Demographic and Epidemiologic Research*. The Environmental Health Tracking Branch, Division of Environmental Hazards and Health Effects, National Center for Environmental Health, CDC, Sept. 2013.
- 5) *Hierarchical Age-Period-Cohort Models for Aging Research*. Interdisciplinary Center for Aging Research, Lunch and Learn seminar, University of North Carolina, Chapel Hill, May 2013.
- 6) *Intrinsic Estimator for Age-Period-Cohort Analysis: Algebra, Computations, and Applications*. Max Planck Institute for Demographic Research, Rostock, Germany, May 2011.
- 7) *Cohort Analysis in Social Research: What’s New?* Upper Midwest Conference and Workshop in Population Studies, University of Minnesota, January 2010.

### **Guest Lectures (recent five years)**

Population Science Training Program (T32) Interdisciplinary Seminar: “Recent Developments in Life Course and Aging Research”, Spring 2024

Biosocial Training Program (T32) Interdisciplinary Seminar: “Temporal Dimensions of Health”, Fall 2018

Biosocial Training Program (T32) Interdisciplinary Seminar: “SES and Health: An Integrative Life-course Approach to Biosocial Linkages”, Fall 2021

### **Mentoring and Advising**

#### **Early Career Mentoring and Training**

Mentor: Best Practices in Comparative Life Course Research, National Institute on Aging (R13 AG071246; PI: Jessica Kelley), July, 2024 – July, 2025

Advisor: Xiang Qi, Research Scientist, NYU Rory Meyers College of Nursing (NIA Predoc to Postdoc Transition F99/K00 Award; Early Independence DP5 Award), 2023 – 2028.  
Sarah Mills, Assistant Professor, Gillings School of Public Health, Department of Health Behavior, Lineberger Cancer Center (NIH Early Career K01 Award), 2022 – 2027.

### Postdoctoral Advising

Primary: Christine Walsh (2023); currently Health Researcher, American Institute of Research, Arlington, VA

Rebecca Stebbins (2021); currently Research Associate, Columbia University Mailman School of Public Health.

Hardeep Obhi (2020); currently Research Development Specialist, School of Medicine, University of California, Davis.

Miao Jia (2016); Visiting Scholar, Hong Kong University of Science and Technology; currently Assistant Professor, New York University Shanghai

Steven Frenk (2013); Research Fellow, Center for Disease Control

Ting Li (2013); currently Associate Professor, Center for Population and Development Studies, Renmin University, Beijing, China

Secondary: Marianne Chanti-Ketterl (2023); currently Assistant Professor of Department of Psychiatry and Behavioral Science, Duke University

Jennifer B. Kane (2014); Associate professor at the University of California, Irvine

Katsuya Oi (2018); currently Assistant Professor of Sociology at Northern Arizona University

Grace Noppert (2020); currently Assistant Professor, Social Environment and Health, Survey Research Center, Institute for Social Research, University of Michigan

### Doctoral Dissertations:

Chair:

- Man Zhang. (expected 2027). “Social stratification of aging and mental health: A life course examination.”
- Christine Walsh. 2023. “The lifetime toll of chronic stress: Biobehavioral pathways and disparities in allostatic load across adulthood.” (in Health Behavior in the school of public health) (currently Health Researcher, American Institutes for Research, Arlington, VA)
- Courtney Boen. 2017. “Inequality “under the skin”: Stress and the biodemography of racial health disparities across the life course.” – Best Dissertation Award of the American Sociological Association, Mental Health section (currently Assistant Professor, Department of Sociology, Brown University).
- Kristen Schorpp. 2017. “Socioeconomic disadvantage and cognitive function across the life span: trends and underlying mechanisms.” (currently Associate Professor, Department of Sociology, Roanoke College.)
- Michael Kozloski. 2012. “Demography of Homosexuality in the U.S.” (University of Chicago, co-Chaired after the move to UNC, currently Senior Quantitative Analyst, Touchstone Research)

**Committees:****Last 5 years:**

- Bethany Stoutamire. 2027. “Are Older Adults Vulnerable During Natural Disasters? Age Differences in Disaster Preparedness and Post-Disaster Well-being.”
- Jennifer Momkus. 2025. “Biosocial Mechanisms of Accelerated Aging.” Persistent Infections and the Immune System”. (in Epidemiology)
- Carmen Mendoza. 2025. “Helicobacter Pylori seroprevalence and its association with the epigenome, hypertension, and type 2 diabetes mellitus.” (in Epidemiology)
- Xiang Qi. 2023. “Social isolation, loneliness, and accelerated aging: a multidimensional approach towards aging.” (Ph.D. and Research Scientist, Rory Meyers College of Nursing, New York University).
- Kaitlin Shartle. 2023. “Social isolation across the adult life span: variations by gender”. (currently Research Associate, Public Policy Department, DUPRI and the Center for Family and Child Policy at Duke University)
- Rebecca Stebbins. 2020. “Lifecourse psychosocial stressors, immune function, infection, and cognitive decline & dementia”. (in Epidemiology) (Research Associate at Columbia University Mailman School of Public Health)

Total: 22 dissertations (including 8 in UNC Gillings School of Public Health, 2 at University of Chicago, 1 at NYU Rory Meyers College of Nursing, 1 at Hong Kong University of Science and Technology)

**Master's Theses:**

Chair: Katrina Branecky (2018), Minne Chen (2018), Zhenhua Xu (2015), Kristen Schorpp (2013), Courtney Boen (2013), Michael Kozloski (2008, University of Chicago), Allison Dickin (2007, University of Chicago), Tina Dharmapanij (2007, University of Chicago)

**Undergraduate Honor's Theses:**

Advisor: Allison Musty (2024), Ava Freeman (2023), Madhulika Eluri (2012), Melaney Parker (2008, University of Chicago), Darius Banani (2008, University of Chicago)

**GRANTS Awarded**

- 06/2025 – “Consortium for Longitudinal Behavioral and Social Science Data Integration  
05/2027 and Coordination (CLASSIC)”  
Role: Co-Investigator and UNC Subcontract PI (PI: Shevaun Neupert)  
National Institute on Aging U24AG081810  
Direct cost: \$60,000
- 09/2024 – “Engaging aging minds: Labor force participation, stimulating activities, and  
08/2027 cognitive aging cross diverse international settings” (PI: Yuan Zhang)  
Role: Co-Investigator and UNC Subcontract PI  
National Institute on Aging R01AG088005

Total costs: \$2,451,044

03/2021 – “National Longitudinal Study of Adolescent to Adult Health (Add Health): Wave  
12/2025 VI Core Project” (PI: Robert Hummer)

Role: Co-Investigator

National Institute on Aging U01AG071448

Total costs: \$28,359,198

01/2021 – “National Longitudinal Study of Adolescent to Adult Health (Add Health): Wave  
12/2025 VI Cognition and Early Risk Factors for Dementia Project” (PIs: Allison Aiello  
& Robert Hummer)

Role: Co-Investigator

National Institute on Aging U01AG071450

Total costs: \$18,618,485

04/2021 – “Potentially Inappropriate Medication Trajectories, Social Determinants, and  
03/2024 Adverse Health Outcomes in Older Adults.”

Role: Co-Principal Investigator (Co-PI: Jennifer L. Lund)

Carolina Center for Population Aging and Health (CCPAH) Pilot Award/

National Institutes on Aging

Direct cost: \$25,000

09/2017 – “Life Course Process of Alzheimer’s Disease: Sex Differences and Biosocial  
05/2023 Mechanisms.”

Role: Principal Investigator

National Institute on Aging R01AG057800

Total costs: \$3,717,590 (\$2,602,516 Direct cost)

09/2015 – “Social Relationships and Cancer Mortality: The Role of Inflammation”

08/2016 Role: Principal Investigator

Lineberger Cancer Center: Development Award – Cancer Disparities

Direct cost: \$50,000

07/16/2014 – “The National Longitudinal Study of Adolescent Health: Wave V P01 Program  
04/30/2020 Project” (PI: Kathleen Mullan Harris)

Subproject III: Developmental Origins of Health and Disease paradigm

Role: Co-Investigator

National Institute of Child Health and Human Development 2 P01

HD03192116A1

Direct cost: \$28,932,277 (Subproject III: \$682,338)

07/01/2010 - “Sex Differences in Health and Longevity: An Integrative Social and  
07/31/2016 Biodemographic Approach”

Role: Principal Investigator

National Institute on Aging: K01AG036745

Total costs: \$601,695 (\$500,000 Direct cost)

06/01/2007 – “Trends and Sociodemographic Differentials in Happy Life Expectancies in the  
05/31/2009 U.S.”

Role: Principal Investigator

National Institute on Aging: R03AG030000

Total costs: \$118,080 (\$100,000 Direct cost)

12/01/2007 – “The Evolution of Age and Cohort Effects”

11/30/2009 Role: Co-Principal Investigator (PI: Sam Schulhofer-Wohl)

Princeton Center for Demography of Aging Pilot Award /

National Institutes of Health

Direct cost: \$41,710

07/01/2007 – “Socioeconomic Disparities in Health Over the Life Course: The Role of Cohort  
06/30/2008 Change Process”

Role: Principal Investigator

Center on Aging at NORC Pilot Research Program

Direct cost: \$15,000

12/19/2006 – “Long and Happy Living: Happy Life Expectancy in the U.S.”

12/31/2007 Role: Principal Investigator

Population Research Center Pilot Award /

National Institutes of Child Health and Human Development

NORC at the University of Chicago

Direct cost: \$15,000

## PROFESSIONAL SERVICE

### Offices Held

|             |                                                                                 |
|-------------|---------------------------------------------------------------------------------|
| 2026 – 2029 | Chair-elect, Medical Sociology Section, American Sociological Association       |
| 2013 – 2016 | Council of Population Section, American Sociological Association                |
| 2012 – 2015 | Council of Aging and the Life Course Section, American Sociological Association |
| 2012 – 2015 | Council of the Methodology Section, American Sociological Association           |
| 2012 – 2014 | Board of Directors, Population Association of America                           |

### Committee Service

|             |                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------|
| 2026 – 2027 | Member, Program Committee, Population Association of America                                               |
| 2025 – 2026 | Chair, Mindel Sheps Award Committee, Population Association of America                                     |
| 2023 – 2024 | Member, Mindel Sheps Award Committee, Population Association of America.                                   |
| 2018 – 2020 | Elected member, Nominations Committee, Population Association of America.                                  |
| 2016 – 2018 | Member, Early Achievement Award Committee, Population Association of America                               |
| 2016 – 2017 | Member, Program Committee, Population Association of America                                               |
| 2013 – 2016 | Chair & Member, Otis Dudley Duncan Book Award Committee, American Sociological Association                 |
| 2013 – 2014 | Chair, Aging and the Life Course Section Student Paper Award Committee, American Sociological Association  |
| 2007 – 2008 | Member, Aging and the Life Course Section Student Paper Award Committee, American Sociological Association |
| 2007 – 2008 | Member, Student Award (Pre-Dissertation and Dissertation) Committee, Gerontological Society of America     |
| 2006 – 2007 | Member, Aging and the Life Course Section Planning Committee, American Sociological Association            |
| 2005 – 2007 | Member, Task Force on Minority Issues on Aging, Gerontological Society of America                          |
| 2005 – 2007 | Member, Behavioral and Social Science Section Executive Committee, Gerontological Society of America       |

### Meetings of Professional Associations

|      |                                                                                                                                                                                       |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2024 | Session Organizer and Chair, “Aging: Interplay of Biological and Social Processes”, Annual Meetings of the Interdisciplinary Association for Population Health Science, St. Louis, MO |
| 2021 | Session Organizer and Chair, “Biodemography of Aging and the Life Course”, Annual Meetings of the Population Association of America, Zoom.                                            |
| 2018 | Session Discussant, “Biodemography, Health, and Mortality”, Annual Meetings of the Population Association of America, Austin, TX                                                      |
| 2013 | Research Groups and Roundtables Organizer, Annual Meetings of the American Sociological Association, New York, NY                                                                     |

|      |                                                                                                                                                                             |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2013 | Session Organizer, Annual Meetings of the Population Association of America, New Orleans, LA                                                                                |
| 2011 | Session Discussant, “Getting the Social Under the Skin,” Section on Evolution, Biology, and Society, Annual Meeting of the American Sociological Association, Las Vegas, NV |
| 2010 | Session Chair, Annual Meeting of the Population Association of America, New Orleans, TX                                                                                     |
| 2008 | Session Organizer, Annual Meeting of the Population Association of America, New Orleans, LA                                                                                 |
| 2007 | Session Organizer, Annual Meeting of the American Sociological Association, New York, NY                                                                                    |

### **Departmental and University Services (Selected)**

|                |                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------|
| 2022 – 2024    | Chair, Committee for Teaching Review, Department of Sociology, UNC                                                           |
| 2020, 2022     | Chair, Committee for the Third-year Review of Assistant Professors, Department of Sociology, UNC                             |
| 2022 – 2023    | Member, Faculty Search Committee, Department of Sociology, UNC                                                               |
| 2019 – 2026    | Member, Graduate Studies Committee, Department of Sociology, UNC                                                             |
| 2017 – present | Member, Biosocial Interdisciplinary Training in Life Course Research T32 Program Committee, Carolina Population Center, UNC  |
| 2015 – 2018    | Member, Hettelman Award Committee, UNC                                                                                       |
| 2016 – 2017    | Member, Planning Committee for the 50 <sup>th</sup> Anniversary of the Carolina Population Center, UNC                       |
| 2016           | Member, Review Committee for Promotion to Full Professor, Department of Sociology, UNC                                       |
| 2012           | Member, Search Committee for Director of Office of Undergraduate Research, UNC                                               |
| 2011 - 2013    | Member, Graduate Admission Committee, Department of Sociology, UNC                                                           |
| 2010 – 2012    | Chair, Social Committee, Department of Sociology, UNC                                                                        |
| 2007 – 2010    | Member, Faculty Search Committee, Department of Sociology, Chicago                                                           |
| 2007 – 2010    | Member, Faculty Advisory Committee on Social Science Computing, Chicago                                                      |
| 2007 – 2008    | Organizer, Demography Workshop, Population Research Center at NORC, Chicago                                                  |
| 2007           | Panelist for “Research Practice and Reflections by Sociology Professors”, Spring Institute, Department of Sociology, Chicago |
| 2006 – 2010    | Chair, Department Website Committee, Department of Sociology, Chicago                                                        |

### **Editorial Activities**

#### ***Deputy Editor***

*American Sociological Review*, 2014 – 2015

#### ***Editorial Boards***

*Social Forces*, 2010 – 2026

*Journal of Health and Social Behavior*, 2017 – 2022

*Social Science Research*, 2020 – 2023

*Sociological Methodology*, 2011 – 2013

*Demography*, 2007 – 2010

*American Journal of Sociology*, 2005 – 2010

## **Other Selected Reviewer Services**

### ***Research Funding Agencies***

National Institutes of Health, Reviewer, Community, Workplace, Cultural Assets and Healthy Aging Program (AHAP) (P01), Zoom meetings, 2024.

National Institutes of Health, Reviewer, Special Emphasis Panel/Scientific Review Group, PAR on Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery (R01), Zoom meetings, 2021.

National Institutes of Health, National Institute on Aging, Reviewer, PAR on Socioeconomic Disparities in Health and Mortality at Older Ages (R01), Bethesda, MD, 2018.

National Institutes of Health, Special Emphasis Panel, Reviewer, PAR on Biodemography of Aging (R01), Bethesda, MD, 2012

National Institutes of Health, Center for Scientific Review, Reviewer, Social Sciences and Population Studies (SSPS) Study Section, Bethesda, MD, 2010

### ***Selected Journals***

*Proceedings of National Academy of Science*

*Social Science & Medicine*

*Sociological Quarterly*

*Sociological Methods & Research*

*JAMA*

*American Journal of Epidemiology*

*Epidemiology*

*Milbank Quarterly*

*Journals of Gerontology Series B: Social Sciences*

*Psychological Methods*

*Journal of Aging and Health*

## **PROFESSIONAL AFFILIATIONS**

American Sociological Association

Population Association of America

Sociological Research Association

Interdisciplinary Association for Population Health Science  
Gerontological Society of America  
American Association for the Advancement of Science