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EDUCATION

- 2013 Ph.D., Department of Sociology, The University of Georgia
- 2010 M.A., Department of Sociology, The University of Georgia
- 2001 M.A., Department of Sociology, National Taiwan University
- 1999 L.L.B., Division of Financial Law, College of Law, National Taiwan University

RESEARCH AND TEACHING INTERESTS

Social Determinants of Health and Aging; Criminology; Community Studies; Family Studies; Advanced Quantitative Research Methods (Structural Equation Modeling; Multilevel Modeling; Propensity Score Modeling; Marginal Structural Modeling; Item Response Modeling; Growth Mixture Modeling; Longitudinal Data Analysis; Dyadic Data Analysis)

PROFESSIONAL EXPERIENCE

- 2022–present *Associate Professor*, Department of Sociology, University of Georgia
- 2025–present *Co-director*, Center on Biological Embedding of Social Events and Relationships, University of Georgia
- 2018–2022 *Assistant Professor*, Department of Sociology, University of Georgia
- 2020–2022 *Chair*, Workgroup on Families, Communities, and Health, University of Georgia
- 2014–2018 *Assistant Research Scientist*, Center for Family Research, University of Georgia
- 2015–2018 *Adjunct Faculty*, Department of Sociology, University of Georgia
- 2012–2013 *Research Statistician*, Center for Family Research, University of Georgia

HONORS AND AWARDS

- 2026 *Editor's Choice Article*, The Journals of Gerontology: Series B
- 2026 *Distinguished Scholar*, Owens Institute for Behavioral Research, University of Georgia
- 2025 *Editor's Choice Article*, The Journals of Gerontology: Series A
- 2023 *Editor's Choice Article*, Journal of Family Psychology
- 2022 *Charles B. Knapp Early Career Scholar Award*, University of Georgia
- 2022 *Donal MacNamara Award*, Academy of Criminal Justice Sciences
- 2021 *Inclusive Voices Award* (awarded to team from Family and Community Health Study), American Association for Public Opinion Research
- 2014 *B. O. Williams Award for Dissertation Research*, Department of Sociology, University of Georgia
- 2013 *Joan Petersilia Outstanding Article Award*, American Society of Criminology
- 2013 *Certificate of Excellence*, Department of Sociology, University of Georgia
- 2012 *First Prize, Gene Carte Student Paper Award*, American Society of Criminology
- 2012 *The Best Graduate Student Paper Award*, Biology & Society Section, American Sociological Association
- 2011 *B. O. Williams Award for Thesis Research*, Department of Sociology, University of Georgia

GRANT SUPPORT

External Funding:

1. “Neighborhood Stress and Mental Health: The Protective Role of Couple Relationship Functioning in Rural African American Communities.” Mental Research Institute. August 2025–July 2026. Total cost: \$20,000. Role: PI
2. “Adverse Childhood Experiences and Accelerated Epigenetic Aging in Adulthood: A Longitudinal Investigation of Resilience among Black Population.” Centers for Disease Control and Prevention. R49CE003710-01. Aug 2024–July 2026. Total cost: \$40,066. Role: PI
3. “Stress, Weathering, and Blood-Based Biomarkers of Alzheimer’s Disease: A Longitudinal Study of Low Income, Aging African Americans II. National Institute on Aging. R01AG07738602. June 2025–May 2027. Total cost: \$1,694,238. Role: Co-I.
4. “Stress, Weathering, and Blood-Based Biomarkers of Alzheimer’s Disease: A Longitudinal Study of Low Income, Aging African Americans I. National Institute on Aging. RF1AG07738602. April 2022–March 2025. Total cost: \$2,788,800. Role: Co-I.
5. Visiting Scholar Fellowship, Institute of Sociology, Academia Sinica (Taiwan), 2024. Total cost: NTD 662,000 (\$22,066); declined.
6. “Contextual and Health Behavior Effects on Epigenetic Aging Among African Americans.” National Cancer Institute. R01CA220254-01A1. August 2018–July 2023. Subcontract: \$ 1,313,968. Role: Co-I.
7. “Using a Randomized Prevention Trial to Understand the Health Benefits of Supportive Couple Relationships among Rural African American Adults.” National Institute on Aging. R01AG059260-06. July 2017–March 2023. Total cost: \$3,733,837. Role: Co-I.
8. “Psychosocial Context and the Biological Clock: Changes in Weathering during Middle-Age.” National Institute on Aging. 5R01AG055393-03. April 2017–March 2022. Total cost: \$3,240,000. Role: Co-I.
9. “Childhood Stressors and Cardiovascular Disease Risk in Adulthood: A Longitudinal Investigation of Divergent Explanatory Models.” Centers for Disease Control and Prevention. R49CE003095-01. July 2019–July 2021. Total cost: \$40,663. Role: Co-I.

Internal Funding:

1. “Workgroup on Families, Communities, and Health.” The University of Georgia, Office of Research. February 2019 – June 2021. Total cost: \$3,167. Role: PI.

PUBLICATIONS

BOOKS AND SPECIAL ISSUES EDITED OR CO-EDITED:

1. **Lei, M.-K.,** *Weaver, R. D., & Ong, M.-L. *Understanding the Social Determinants of Health*. Edward Elgar Publishing. Book under contract (Dec 2027).

2. **Lei, M.-K.**, & Beach, S. R. H. (Eds.). *Mapping pathways to well-being and resilience among Black families across the life course: Lessons from longitudinal research*. Special issue of *The ANNALS of the American Academy of Political and Social Science*. Proposal accepted; publication planned for 2027 summer.
3. **Lei, M.-K.** (Volume Ed.). (2024). *Volume 3: Risk, resilience, and well-being*. In W. Troop-Gordon & E. Neblett (Eds.-in-Chief), *Encyclopedia of adolescence* (2nd ed.). Elsevier.

PEER REVIEWED PUBLICATIONS

*Indicates student co-author at the time this work was submitted:

Forthcoming

1. *Weaver, R. D., *Austin, K. N., & **Lei, M.-K.** (in press). Mastery moderates the association between cumulative socioeconomic status risk and accelerated biological aging among middle-aged Black American women. *The Journals of Gerontology: Series B*, gbag193. <https://doi.org/10.1093/geronb/gbag193>
2. *Pinder, D. S., & **Lei, M.-K.** (in press). Beyond the strong Black woman: The protective role of Black identity centrality against depression in young Black women. *Journal of Racial and Ethnic Health Disparities*. <https://doi.org/10.1007/s40615-025-02843-6>
3. *Collins, C., **Lei, M.-K.**, & Simons, R. L. (in press). Self-esteem, racial identity, and depression in the long-term impact of discrimination on health among Black Americans. *Journal of Health and Social Behavior*. <https://doi.org/10.1177/00221465261426038>
4. Hermanowicz, J., & **Lei, M.-K.** (in press). Race and measurement of publication productivity using sociology as a case. *Innovative Higher Education*. <https://doi.org/10.1007/s10755-025-09832-x>

2026

5. **Lei, M.-K.**, *Weaver, R. D., Beach, S. R. H., & Mielke, M. M. (2026). Racial discrimination accelerates age-related increases in serum neurofilament light chain among African American women: Examination of change from midlife to older adulthood. *The Journals of Gerontology, Series B*, 81(5), gbag041. *Named Editor's Choice by the Journals of Gerontology: Series B*.
6. *Weaver, R. D., & **Lei, M.-K.** (2026). Comorbid diabetes and hypertension in early adulthood predict neurodegeneration in midlife: Insights across racial/ethnic groups using a blood-based biomarker of dementia risk. *Alzheimer's & Dementia: Behavior & Socioeconomics of Aging*, 2(1), e70069.
7. *Austin, K. N., & **Lei, M.-K.** (2026). Two separable aging domains in blood DNA methylation scores developed for cancer research: Mitotic replication and early-life systemic dysregulation. *Genes*, 17(9), 1083. <https://doi.org/10.3390/genes17091083>
8. Beach, S. R. H., **Lei, M.-K.**, Ong, M.-L., *Weaver, R. D., Carter, S. E., & Philibert, R. A. (2026). Genomic markers of heavy alcohol consumption outperform self-report and other common predictors of mortality in two middle-aged samples of Black Americans. *Genes*, 17(7), 799. <https://doi.org/10.3390/genes17070799>

9. Beach, S. R. H., Carter, S. E., Ong, M.-L., Lavner, J. A., Kogan, S. M., Ehrlich, K., **Lei, M.-K.**, Simons, R. L., Adesogan, O., Gibbons, F. X., Gerrard, M., & Philibert, R. A. (2026). Childhood exposure to danger increases Black youths' alcohol consumption, accelerated aging, and cardiac risk as young adults: A test of the incubation hypothesis. *Development and Psychopathology*, 38, 156–171.
10. Simons, R. L., Ong, M.-L., **Lei, M.-K.**, Beach, S. R. H., *Lu, Y.-W., *Weaver, R., & Mielke, M. M. (2026). Diabetes and hypertension at midlife predict increases in biomarkers of dementia among Black Americans. *Journal of Racial and Ethnic Health Disparities*. 13, 1005–1012.
11. McNulty, T. L., Bellair, P., **Lei, M.-K.**, & *Henry, A. (2026). Structural racism and the segregation of violence in ethnoracial neighborhoods. *Justice Quarterly*, 43(6), 1331–1350.

2025

12. **Lei, M.-K.**, & *Weaver, R. D. (2025). The buffering effect of social support on the link between biologically embedded childhood maltreatment and adult cardiovascular disease. *Social Science & Medicine*, 384, 118530.
13. **Lei, M.-K.**, Beach, S. R. H., Simons, R. L., & Mielke, M. M. (2025). Cumulative socioeconomic status risk is associated with greater increase in serum neurofilament light chain levels among middle-aged Black adults. *The Journals of Gerontology, Series A*, 80(1), glae253. *Named Editor's Choice by the Journals of Gerontology: Medical Sciences*.
14. **Lei, M.-K.**, Ong, M.-L., Carter, S. E., Jenkins, A., & Beach, S. R. H. (2025). Relationship enhancement protects against relationship-quality associated weathering among Black adults in romantic partner relationships. *Journal of Family Psychology*, 39, 592–602.
15. **Lei, M.-K.**, Ong, M.-L., Simons, R. L., & Beach, S. R. H. (2025). Biological aging and its association with serum neurofilament light chain levels in middle-aged African Americans: A prospective observational study. *Aging Advances*, 2(1), 1–8.
16. Berg, M. T., *Riley, K., & **Lei, M.-K.** (2025). The heart of the matter: Neighborhood violent crime and deprivation, cardiometabolic disease, and the racial invariance thesis. *Journal of Crime and Justice*, 48, 190–204.
17. McNulty, T. L., Bellair, P., & **Lei, M.-K.** (2025). The neglected role of concentration at the extremes in tests of the racial invariance thesis. *Race and Justice*, 15, 145–168.
18. Berg, M. T., *Riley, K., **Lei, M.-K.**, & Simons, R. L. (2025). Incarceration exposure, biological aging, and depression symptoms in an African American sample of older adults. *Journal of Aging and Health*. 37, 395–405.
19. Weber, D. M., Lavner, J. A., Carter, S., Ong, M.-L., **Lei, M.-K.**, Philibert, R., & Beach, S. R. H. (2025). Relationship intervention moderates the association between substance use and biological aging among Black adults. *Health Psychology*, 44(9), 844–853.
20. *Wang, L., Xu, H., Simons, R. L., Beach, S. R. H., **Lei, M.-K.**, Ong, M.-L., Philibert, R. A., Mielke, M. M., Sun, Y., Lu, Y., Chiang, C. W. K., Darst, B. F., & Ye, K. (2025). Association of blood biomarkers of dementia with African ancestry proportion in a longitudinal study of aging African Americans.

21. Beach, S. R. H., Philibert, R. A., Ong, M.-L., **Lei, M.-K.**, & Ye, K. (2025). Elevated alcohol consumption and chronic inflammation predict cardiovascular risk among Black Americans: Examination of a dual-risk model using epigenetic risk markers. *Epigenomes*, 9(4), 40. doi: 10.3390/epigenomes9040040

2024

22. **Lei, M.-K.** & Beach, S. R. H. (2024). Testing whether protective parenting is a causal mediator of intervention effects on decreased delinquency using a randomized prevention trial. *Justice Quarterly*, 41, 870-891.
23. **Lei, M.-K.**, *Hanus, S. L., Simons, L. G., Simons, R. L., & Beach, S. R. H. (2024). Racial discrimination predicts subjective cognitive decline: Perceived relationship support buffers the association. *Social Science & Medicine*, 361, 117341.
24. *Batame, M. & **Lei, M.-K.** (2024). Exploring the impact of neighborhood characteristics on crime rates in the United States: A case study of homicide using the multilevel modeling analysis. *Springer Nature Social Science*, 4, 235.
25. *Lee, C.-C., *Lu, Y.-W., & **Lei, M.-K.** (2024). Essential steps for latent growth curve modeling in Taiwanese panel study. *Contemporary Educational Research Quarterly*, 32, 73–99.
26. Philibert, R., **Lei, M.-K.**, Ong, M.-L., & Beach, S. R. H. (2024). Objective assessments of smoking and drinking outperform clinical phenotypes in predicting variance in epigenetic aging. *Genes*, 15, 869. doi: 10.3390/genes15070869
27. Simons, R. L., Ong, M.-L., **Lei, M.-K.**, Beach, S. R. H., *Zhang, Y., Philibert, R. A., Mielke, M. M. (2024). Racial discrimination during middle-age predicts higher serum phosphorylated tau and neurofilament light chain levels a decade later: A study of aging Black Americans. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, 20, 3485–3494.

2023

28. **Lei, M.-K.**, Berg, M. T., Simons, R. L., & Beach, S. R. H. (2023). Specifying the psychosocial pathways whereby child and adolescent adversity shape adult health outcomes. *Psychological Medicine*, 53, 6027–6036.
29. **Lei, M.-K.** & Beach, S. R. H. (2023). Neighborhood disadvantage is associated with biological aging: intervention-induced enhancement of couple functioning confers resilience. *Family Process*, 62, 818–834.
30. Alinor, M., Simons, R. L., & **Lei, M.-K.** (2023). Racism Over Time: Experiences from a Panel Study of Black Americans. *Social Psychology Quarterly*, 86, 379–398.
31. Beach, S. R. H., **Lei, M.-K.**, Lavner, J. A., *Adesogan, O., Carter, S. E., Barton, A. W. (2023). Strengthening couple functioning promotes resilience to COVID-19-related stressors among Black Americans. *Journal of Family Psychology*, 37, 497–506. *Named Editor's Choice by Journal of Family Psychology*.

32. Simons, R. L., Ong, M.-L., Beach, S. R. H., **Lei, M.-K.**, Philibert, R., & Mielke, M. M. (2023). Direct and indirect effects of socioeconomic status and discrimination on subjective cognitive decline: A longitudinal study of African American women. *The Journal of Gerontology, Series B*, 78, 799–808.
33. Hermanowicz, J., & **Lei, M.-K.** (2023). Organizational location and propensity for coauthorship in sociology. *Studies in Higher Education*, 48, 630–642.
34. Simons, R. L., Ong, M.-L., **Lei, M.-K.**, Beach, S. R. H., *Zhang, Y., Philibert, R., & Mielke, M. M. (2023). Changes in loneliness, BDNF, and biological aging predict trajectories in a blood-based epigenetic measure of cortical aging: A study of older Black Americans. *Genes*, 13, 842.

2022

35. **Lei, M.-K.**, Berg, M. T., Simons, R. L., & Beach, S. R. H. (2022). Neighborhood structural disadvantage and biological aging in a sample of black middle age and young adults. *Social Science & Medicine*, 293, 114654.
36. **Lei, M.-K.**, Lavner, J. A., Carter, S. E., *Adesogan, O., & Beach, S. R. H. (2022). Relationship intervention indirectly buffers financial strain's effect on biological aging among Black adults. *Journal of Family Psychology*, 36, 501–512.
37. **Lei, M.-K.**, Gibbons, F. X., Gerrard, M., Beach, S. R. H., *Dawes, K. J., & Philibert, R. A. (2022). Digital methylation assessments of alcohol and cigarette consumption account for common variance in accelerated epigenetic aging. *Epigenetics: Official Journal of DNA Methylation Society*, 17(13), 1991–2005.
38. **Lei, M.-K.**, Brody, G. H., & Beach, S. R. H. (2022). Intervention effects on self-control decrease speed of biological aging mediated by changes in substance use: A longitudinal study of African American youth. *Family Process*, 61, 659–673.
39. *Zhang, Y., **Lei, M.-K.**, Simons, R. L., Beach, S. R. H., Carter, S. E. (2022). Childhood adversity and adult health: A dyadic analysis of Black American couples. *Health Psychology*, 41, 923–927.
40. Beach, S. R. H., Ong, M.-L., Gibbons, F. X., Gerrard, M., **Lei, M.-K.**, *Dawes, K., & Philibert, R. (2022). Epigenetic and proteomic biomarkers of elevated alcohol use predict epigenetic aging and cell-type variation better than self-report. *Genes*, 13(10), 1888.
41. *Hanus, S. L., Simons, L. G., **Lei, M.-K.**, Cobb, R. J., & Simons, R. L. (2022). Romantic relationship status, quality, and depressive symptoms among middle-aged and older Black women. *The Journal of Gerontology, Series B*, 77, 2126–2136.
42. Beach, S. R. H., Klopach, E., Carter, S. E., Philibert, R., Simons, R. L., Gibbons, F. X., Ong, M.-L., Gerrard, M., & **Lei, M.-K.** (2022). Do loneliness and per capita income combine to increase the pace of biological aging for Black adults across late middle age? *International Journal of Environmental Research and Public Health*, 19, 13421.
43. Simons, R. L., Ong, M.-L., **Lei, M.-K.**, *Klopach, E., Berg, M. T., Philibert, R., *Zhang, Y., & Beach, S. R. H. (2022). Unstable childhood, adult adversity, and smoking accelerate biological aging among middle-age African Americans: Similar findings for GrimAge and DunedinPoAm. *Journal of Aging and*

44. Beach, S. R. H., Ong, M.-L., **Lei, M.-K.**, Carter, S. E., Simons, R. L., Gibbons, F. X., & Philibert, R. (2022). Methylation of FKBP5 is associated with accelerated DNA methylation aging and cardiometabolic risk: Replication in young-adult and middle-aged Black Americans. *Epigenetics: Official Journal of DNA Methylation Society*, 17, 982–1002.
45. Berg, M. T., Rogers, E., *Riley, K., **Lei, M.-K.**, & Simons, R. L. (2022). Incarceration exposure and epigenetic aging in neighborhood context. *Social Science & Medicine*, 310, 115273.
46. Beach, S. R. H., Gibbons, F. X., Carter, S. E., Ong, M.-L., Lavner, J. A., **Lei, M.-K.**, Simons, R. L., Gerrard, M., & Philibert, R. A. (2022). Childhood adversity predicts Black young adults' DNA methylation-based accelerated aging: A dual pathway life history model. *Development and Psychopathology*, 34, 689–703.
47. Simons, R. L., Ong, M.-L., **Lei, M.-K.**, Klopach, E., Berg, M., *Zhang, Y., Philibert, R., Gibbons, F., & Beach, S. R. H. (2022). Shifts in lifestyle and socioeconomic circumstances predict change - for better or worse - in speed of epigenetic aging: A study of middle-aged Black women. *Social Science & Medicine*, 307, 115175.

2021

48. **Lei, M.-K.**, Lavner, J. A., Carter, S. E., *Hart, A. R., & Beach, S. R. H. (2021). Protective parenting behavior buffers the impact of racial discrimination on depression among Black youth. *Journal of Family Psychology*, 35(4), 457–467.
49. **Lei, M.-K.**, & Simons, R. L. (2021). The association between neighborhood disorder and health: Exploring the moderating role of genotype and marriage. *International Journal of Environmental Research and Public Health*, 18(3), 898.
50. **Lei, M.-K.**, Beach, S. R. H., Simons, R. L., & Ye, K. (2021). The impact of harsh parenting on the development of obesity in adulthood: An examination of epigenetic/gene expression mediators among African American youth. *Frontiers in Cardiovascular Medicine*, 8, 755458.
51. Berg, M. T., Rogers, E., **Lei, M.-K.**, & Simons, R. L. (2021). Losing years doing time: Incarceration exposure and accelerated biological aging among African American adults. *Journal of Health and Social Behavior*, 62(4), 460–476.
52. Simons, R. L., **Lei, M.-K.**, *Klopach, E., Berg, M. T., Zhang, Y. *, & Beach, S. R. H. (2021). (Re)setting epigenetic clocks: An important avenue whereby social conditions become biologically embedded across the life. *Journal of Health and Social Behavior*, 62(3), 436–453.
53. Brody, G. H., Yu, T., Chen, E., Kobor, M., Beach, S. R. H., **Lei, M.-K.**, ... Miller, G. E. (2021). Risky family climates presage increased cellular aging in young adulthood. *Psychoneuroendocrinology*, 130, 105256.
54. Andersen, A. M., **Lei, M.-K.**, Beach, S. R. H., & Philibert, R. A. (2021). Inflammatory biomarker relationships with helper T cell GPR15 expression and cannabis and tobacco smoking. *Journal of Psychosomatic Research*, 141, 110326.

55. Bellair, P. E., McNulty, T. L., Roscigno, V. J., & **Lei, M.-K.** (2021). Childhood material hardship and externalizing behavior. *Justice Quarterly*, 38, 454–478.
56. Simons, R. L., **Lei, M.-K.**, *Klopach, E., Beach, S. R. H., Gibbons, F. X., & Philibert, R. A. (2021). The effects of social adversity, discrimination, and health risk behaviors on the accelerated aging of African Americans: Further support for the weathering hypothesis. *Social Science & Medicine*, 282, 113169.
57. Simons, R. L., **Lei, M.-K.**, *Klopach, E., *Zhang, Y., Gibbons, F. X., & Beach, S. R. H. (2021). Racial discrimination, inflammation, and chronic illness among African American women at midlife: Support for the weathering perspective. *Journal of Racial and Ethnic Health Disparities*, 8(2), 339–349.
58. Beach, S. R. H., Ong, M.-L., **Lei, M.-K.**, *Klopach, E., Carter, S. E., Simons, R. L., ... Ye, K. (2021). Childhood adversity is linked to adult health among African Americans via adolescent weight gain and effects are genetically moderated. *Development and Psychopathology*, 33(3), 803–820.

2020

59. **Lei, M.-K.**, Berg, M. T., Simons, R. L., Simons, L. G., & Beach, S. R. H. (2020). Childhood adversity and cardiovascular disease risk: An appraisal of recall methods with a focus on stress-buffering processes in childhood and adulthood. *Social Science & Medicine*, 246, 112794.
60. **Lei, M.-K.**, & Beach, S. R. H. (2020). Can we uncouple neighborhood disadvantage and delinquent behaviors? An experimental test of family resilience guided by the social disorganization theory of delinquent behaviors. *Family Process*, 59(4), 1801–1817.
61. **Lei, M.-K.**, & Simons, R. L. (2020). A multilevel structural resilience model: When and for whom do neighborhoods really matter? *International Sociological Association eSymposium for Sociology*, 30, 1–12.
62. **Lei, M.-K.**, & *Klopach, E. T. (2020). Social and psychological consequences of the COVID-19 outbreak: The experiences of Taiwan and Hong Kong. *Psychological Trauma: Theory, Research, Practice, and Policy*, 12(S1), S35–S37.
63. **Lei, M.-K.**, Gibbons, F. X., Simons, R. L., Philibert, R. A., & Beach, S. R. H. (2020). The effect of tobacco smoking differs across indices of DNA methylation-based aging in an African American sample: DNA methylation-based indices of smoking capture these effects. *Genes*, 11(3), 311
64. Philibert, R., Beach, S. R. H., **Lei, M.-K.**, Gibbons, F. X., Gerrard, M., Simons, R. L., & Dogan, M. V. (2020). Array-based epigenetic aging indices may be racially biased. *Genes*, 11(6), 685.
65. Berg, M. T.†, **Lei, M.-K.**†, & Simons, R. L. (2020). Socially demoralizing environments and the development of the street code from childhood to emerging adulthood. *Journal of Quantitative Criminology*, 36(1), 207–233. †equal authorship contribution
66. Berg, M. T., **Lei, M.-K.**, Beach, S. R., Simons, R. L., & Simons, L. G. (2020). Childhood adversities as determinants of cardiovascular disease risk and perceived illness burden in adulthood: Comparing retrospective and prospective self-report measures in a longitudinal sample of African Americans. *Journal of Youth and Adolescence*, 49(6), 1292–1308.
67. Andersen, A. M., **Lei, M.-K.**, Beach, S. R. H., Philibert, R. A., Sinha, S., & Colgan, J. D. (2020).

Cigarette and cannabis smoking effects on GPR15+ helper T cell levels in peripheral blood: Relationships with epigenetic biomarkers. *Genes*, 11(2), 149.

2019

68. **Lei, M.-K.**, Simons, R. L., Beach, S. R. H., & Philibert, R. A. (2019). Neighborhood disadvantage and biological aging: Using marginal structural models to assess the link between neighborhood census variables and epigenetic aging. *The Journal of Gerontology, Series B*, 74(7), e50–e59.
69. Kogan, S. M., Bae, D., **Lei, M.-K.**, & Brody, G. H. (2019). Family-centered alcohol use prevention for African American adolescents: A randomized clinical trial. *Journal of Consulting and Clinical Psychology*, 87(12), 1085–1092.
70. Carter, S. E., Ong, M.-L., Simons, R. L., Gibbons, F. X., **Lei, M.-K.**, & Beach, S. R. H. (2019). The effect of early discrimination on accelerated aging among African Americans. *Health Psychology*, 38(11), 1010–1013.
71. Simons, R. L., **Lei, M.-K.**, Beach, S. R. H., Simons, L. G., Barr, A. B., Gibbons, F. X., & Philibert, R. A. (2019). Testing life course models whereby juvenile and adult adversity combine to influence speed of biological aging. *Journal of Health and Social Behavior*, 60, 291–308.
72. Simons, R. L., **Lei, M.-K.**, Carter, S., Beach, S. R. H., Gibbons, F. X., Gerrard, M., & Philibert, R. A. (2019). Inflammation mediates the effect of discrimination, religiosity, and friendship network on expression of the Tp53 cancer suppressor gene. *SSM - Population Health*, 7, 100389.
73. Beach, S. R. H., **Lei, M.-K.**, Simons, R. L., Barr, A. B., Simons, L. G., Cutrona, C. E., & Philibert, R. A. (2019). Perceived relationship support moderates the association of contextual stress with inflammation among African Americans. *Journal of Family Psychology*, 33, 338–348.
74. Simons, R. L., Woodring, D., Simons, L. G., *Sutton, T. E., **Lei, M.-K.**, Beach, S. R. H., ... Gibbons, F. X. (2019). Youth adversities amplify the association between adult stressors and chronic inflammation in a domain-specific manner: Nuancing the early life sensitivity model. *Journal of Youth and Adolescence*, 48, 1–16.

2018

75. **Lei, M.-K.**, Beach, S. R. H., & Simons, R. L. (2018). Biological embedding of neighborhood disadvantage and collective efficacy: Influences on chronic illness via accelerated cardiometabolic age. *Development and Psychopathology*, 30(5), 1797–1815.
76. **Lei, M.-K.**, Beach, S. R. H., & Simons, R. L. (2018). Childhood trauma, pubertal timing, and cardiovascular risk in adulthood. *Health Psychology*, 37(7), 613–617.
77. Andersen, A. M., **Lei, M.-K.**, Philibert, R. A., & Beach, S. R. H. (2018). Methylation of MTHFR moderates the effect of smoking on genomewide methylation among middle age African Americans. *Frontiers in Genetics*, 9, 622.
78. Simons, R. L., **Lei, M.-K.**, Beach, S. R. H., Barr, A. B., Simons, L. G., Gibbons, F. X., & Philibert, R. A. (2018). Discrimination, segregation, and chronic inflammation: Testing the weathering explanation for the poor health of Black Americans. *Developmental Psychology*, 54(10), 1993–2006.

79. Beach, S. R. H., **Lei, M. K.**, Simons, R. L., Dogan, M. V., Gibbons, F. X., & Philibert, R. A. (2018). MTHFR regulatory effects on methylation of CG05575921 in response to smoking: Effects are also discernible using MTHFR expression. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 177(5), 529–534.
80. Windle, M., Gray, J. C., **Lei, M.-K.**, Barton, A. W., Brody, G., Beach, S. R. H., ... Sweet, L. H. (2018). Age sensitive associations of adolescent substance use with amygdalar, ventral striatum, and frontal volumes in young adulthood. *Drug and Alcohol Dependence*, 186, 94–101.
79. Beach, S. R. H., **Lei, M.-K.**, Brody, G. H., & Philibert, R. A. (2018). Prevention of early substance use mediates, and variation at SLC6A4 moderates, SAAF intervention effects on OXTR methylation. *Prevention Science*, 19(1), 90–100.

2017

80. Beach, S. R. H., **Lei, M.-K.**, Simons, R. L., Barr, A. B., Simons, L. G., Ehrlich, K., ... Philibert, R. A. (2017). When inflammation and depression go together: The longitudinal effects of parent–child relationships. *Development and Psychopathology*, 29(5), 1969–1986.
81. **Lei, M.-K.**, Beach, S. R. H., Dogan, M. V., & Philibert, R. A. (2017). A pilot investigation of the impact of smoking cessation on biological age. *The American Journal on Addictions*, 26(2), 129–135.
82. Burt, C. H., **Lei, M.-K.**, & Simons, R. L. (2017). Racial discrimination, racial socialization, and crime over time: A social schematic theory model. *Criminology*, 55, 938–979.
83. Beach, S. R. H., **Lei, M.-K.**, Ong, M.-L., Brody, G. H., Dogan, M. V., & Philibert, R. A. (2017). MTHFR methylation moderates the impact of smoking on DNA methylation at AHRH for African American young adults. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 174(6), 608–618.
84. Beach, S. R. H., **Lei, M.-K.**, Brody, G. H., Miller, G. E., Chen, E., Mandara, J., & Philibert, R. A. (2017). Smoking in young adulthood among African Americans: Interconnected effects of supportive parenting in early adolescence, proinflammatory epitype, and young adult stress. *Development and Psychopathology*, 29(3), 957–969.
85. Simons, R. L., **Lei, M.-K.**, Beach, S. R. H., Barr, A. B., Cutrona, C. E., Gibbons, F. X., & Philibert, R. A. (2017). An index of the ratio of inflammatory to antiviral cell types mediates the effects of social adversity and age on chronic illness. *Social Science & Medicine*, 185, 158–165.
86. Simons, R. L., **Lei, M.-K.**, Beach, S. R. H., Cutrona, C. E., & Philibert, R. A. (2017). Methylation of the oxytocin receptor gene mediates the effect of adversity on negative schemas and depression. *Development and Psychopathology*, 29(3), 725–736.
87. Burt, C. H., **Lei, M.-K.**, & Simons, R. L. (2017). Racial discrimination, racial socialization, and crime: Understanding mechanisms of resilience. *Social Problems*, 64(3), 414–438.

2016

88. **Lei, M.-K.**, Beach, S. R. H., Simons, R. L., Barr, A. B., Cutrona, C. E., & Philibert, R. A. (2016). Stress, relationship satisfaction, and health among African American women: Genetic moderation of effects.

89. Berg, M. T., Burt, C. H., **Lei, M.-K.**, Simons, L. G., Stewart, E. A., & Simons, R. L. (2016). Neighborhood social processes and adolescent sexual partnering: A multilevel appraisal of Anderson's player hypothesis. *Social Forces*, 94(4), 1823–1846.
90. Beach, S. R. H., Barton, A. W., **Lei, M.-K.**, Mandara, J., Wells, A. C., Kogan, S. M., & Brody, G. H. (2016). Decreasing substance use risk among African American youth: Parent-based mechanisms of change. *Prevention Science*, 17(5), 572–583.
91. Dogan, M. V., **Lei, M.-K.**, Beach, S. R. H., Brody, G. H., & Philibert, R. A. (2016). Alcohol and tobacco consumption alter hypothalamic pituitary adrenal axis DNA methylation. *Psychoneuroendocrinology*, 66, 176–184.
92. Beach, S. R. H., **Lei, M.-K.**, Brody, G. H., Kim, S., Barton, A. W., Dogan, M. V., & Philibert, R. A. (2016). Parenting, socioeconomic status risk, and later young adult health: Exploration of opposing indirect effects via DNA methylation. *Child Development*, 87(1), 111–121.
93. Kogan, S. M., **Lei, M.-K.**, Brody, G. H., Futris, T. G., Sperr, M., & Anderson, T. (2016). Implementing family-centered prevention in rural African American communities: a randomized effectiveness trial of the Strong African American Families Program. *Prevention Science*, 17(2), 248–258.
94. Simons, R. L., **Lei, M.-K.**, Beach, S. R. H., Philibert, R. A., Cutrona, C. E., Gibbons, F. X., & Barr, A. (2016). Economic hardship and biological weathering: The epigenetics of aging in a U.S. sample of Black women. *Social Science & Medicine*, 150, 192–200.
95. Windle, M., Kogan, S. M., Lee, S., Chen, Y.-F., **Lei, M.-K.**, Brody, G. H., ... Yu, T. (2016). Neighborhood × Serotonin Transporter Linked Polymorphic Region (5-HTTLPR) interactions for substance use from ages 10 to 24 years using a harmonized data set of African American children. *Development and Psychopathology*, 28(2), 415–431.

2015

96. **Lei, M.-K.**, Beach, S. R. H., Simons, R. L., & Philibert, R. A. (2015). Neighborhood crime and depressive symptoms among African American women: Genetic moderation and epigenetic mediation of effects. *Social Science & Medicine*, 146, 120–128. *Selected as one of the Most Impactful Articles in Social Science & Medicine 2016.*
97. Lee, S., **Lei, M.-K.**, & Brody, G. H. (2015). Constructing confidence intervals for effect size measures of an indirect effect. *Multivariate Behavioral Research*, 50(6), 600–613.
98. Beach, S. R. H., Dogan, M. V., **Lei, M.-K.**, Cutrona, C. E., Gerrard, M., Gibbons, F. X., ... Philibert, R. A. (2015). Methyloomic aging as a window onto the influence of lifestyle: Tobacco and alcohol use alter the rate of biological aging. *Journal of the American Geriatrics Society*, 63(12), 2519–2525.
99. Bunch, J., Clay-Warner, J., & **Lei, M.-K.** (2015). Demographic characteristics and victimization risk. *Crime & Delinquency*, 61(9), 1181–1205.
100. Chen, E., Miller, G. E., Brody, G. H., & **Lei, M.-K.** (2015). Neighborhood poverty, college attendance, and diverging profiles of substance use and allostatic load in rural African American youth. *Clinical Psychological Science*, 3(5), 675–685.

101. Beach, S. R. H., **Lei, M.-K.**, Brody, G. H., Dogan, M. V., & Philibert, R. A. (2015). Higher levels of protective parenting are associated with better young adult health: exploration of mediation through epigenetic influences on pro-inflammatory processes. *Frontiers in Psychology*, 6, 676.
102. Lee, S., **Lei, M.-K.**, & Brody, G. H. (2015). Confidence intervals for distinguishing ordinal and disordinal interactions in multiple regression. *Psychological Methods*, 20(2), 245–258.

2014

103. **Lei, M.-K.**, Simons, R. L., Edmond, M. B., Simons, L. G., & Cutrona, C. E. (2014). The effect of neighborhood disadvantage, social ties, and genetic variation on the antisocial behavior of African American women: A multilevel analysis. *Development and Psychopathology*, 26(4pt1), 1113–1128.
104. **Lei, M.-K.**, Simons, R. L., Simons, L. G., & Edmond, M. B. (2014). Gender equality and violent behavior: How neighborhood gender equality influences the gender gap in violence. *Violence and Victims*, 29(1), 89–108.
105. Brody, G. H., **Lei, M.-K.**, Chen, E., & Miller, G. E. (2014). Neighborhood poverty and allostatic load in African American youth. *Pediatrics*, 134, e1362–e1368.
106. Beach, S. R. H., Barton, A. W., **Lei, M.-K.**, Brody, G. H., Kogan, S. M., Hurt, T. R., ... Stanley, S. M. (2014). The Effect of communication change on long-term reductions in child exposure to conflict: Impact of the Promoting Strong African American Families (ProSAAF) Program. *Family Process*, 53, 580-595.
107. Beach, S. R. H., **Lei, M.-K.**, Brody, G. H., Yu, T., & Philibert, R. A. (2014). Nonsupportive parenting affects telomere length in young adulthood among African Americans: Mediation through substance use. *Journal of Family Psychology*, 28(6), 967–972.
108. Simons, R. L., Burt, C. H., Barr, A. B., **Lei, M.-K.**, & Stewart, E. A. (2014). Incorporating routine activities, activity spaces, and situational definitions into the social schematic theory of crime. *Criminology*, 52, 655-687.
109. Brody, G. H., **Lei, M.-K.**, Chae, D. H., Yu, T., Kogan, S. M., & Beach, S. R. H. (2014). Perceived discrimination among African American adolescents and allostatic load: A longitudinal analysis with buffering effects. *Child Development*, 85(3), 989–1002.
110. Kogan, S. M., **Lei, M.-K.**, Beach, S. R. H., Brody, G. H., Windle, M., Lee, S., ... Chen, Y. (2014). Dopamine receptor gene D4 polymorphisms and early sexual onset: Gender and environmental moderation in a sample of African-American youth. *Journal of Adolescent Health*, 55(2), 235–240.
111. Beach, S. R. H., Brody, G. H., **Lei, M.-K.**, Kim, S., Cui, J., & Philibert, R. A. (2014). Is serotonin transporter genotype associated with epigenetic susceptibility or vulnerability? Examination of the impact of socioeconomic status risk on African American youth. *Development and Psychopathology*, 26(2), 289–304.
112. Edmond, M. B., Granberg, E., Simons, R., & **Lei, M.-K.** (2014). Distressing relationships, anger, and stress amplification in a sample of young adult African Americans. *Journal of Adult Development*, 21(1), 13–29.

2013

113. Philibert, R. A., Beach, S. R. H., **Lei, M.-K.**, & Brody, G. H. (2013). Changes in DNA methylation at the aryl hydrocarbon receptor repressor may be a new biomarker for smoking. *Clinical Epigenetics*, 5(1), 19.
114. Kogan, S. M., Cho, J., Allen, K., **Lei, M.-K.**, Beach, S. R. H., Gibbons, F. X., ... Brody, G. H. (2013). Avoiding adolescent pregnancy: A longitudinal analysis of African-American youth. *Journal of Adolescent Health*, 53(1), 14–20.
115. Simons, R. L., Simons, L. G., **Lei, M.-K.**, Beach, S. R. H., Brody, G. H., Gibbons, F. X., & Philibert, R. A. (2013). Genetic moderation of the impact of parenting on hostility toward romantic partners. *Journal of Marriage and Family*, 75(2), 325–341.
116. Kogan, S. M., **Lei, M.-K.**, Grange, C. R., Simons, R. L., Brody, G. H., Gibbons, F. X., & Chen, Y. (2013). The contribution of community and family contexts to African American young adults' romantic relationship health: A prospective analysis. *Journal of Youth and Adolescence*, 42(6), 878–890.
117. Beach, S. R. H., Brody, G. H., **Lei, M.-K.**, Gibbons, F. X., Gerrard, M., Simons, R. L., ... Philibert, R. A. (2013). Impact of child sex abuse on adult psychopathology: A genetically and epigenetically informed investigation. *Journal of Family Psychology*, 27(1), 3–11.

2012

118. **Lei, M.-K.** (2012). Friends and delinquency: Is deviant peers influence real? *Survey Research — Method and Application*, 28, 119–160.
119. Granberg, E. M., Edmond, M. B., Simons, R. L., Gibbons, F. X., & **Lei, M.-K.** (2012). The Association between racial socialization and depression. *Society and Mental Health*, 2(3), 207–225.
120. Simons, L. G., Simons, R. L., **Lei, M.-K.**, & Sutton, T. E. (2012). Exposure to harsh parenting and pornography as explanations for males' sexual coercion and females' sexual victimization. *Violence and Victims*, 27(3), 378–395.
121. Simons, L. G., Simons, R. L., **Lei, M.-K.**, Hancock, D. L., & Fincham, F. D. (2012). Parental warmth amplifies the negative effect of parental hostility on dating violence. *Journal of Interpersonal Violence*, 27(13), 2603–2626.
122. Beach, S. R. H., **Lei, M.-K.**, Brody, G. H., Simons, R. L., Cutrona, C., & Philibert, R. A. (2012). Genetic moderation of contextual effects on negative arousal and parenting in African-American parents. *Journal of Family Psychology*, 26(1), 46–55.
123. Simons, R. L., Simons, L. G., **Lei, M.-K.**, & Landor, A. M. (2012). Relational schemas, hostile romantic relationships, and beliefs about marriage among young African American adults. *Journal of Social and Personal Relationships*, 29(1), 77–101.
124. Simons, R. L., **Lei, M.-K.**, Stewart, E. A., Beach, S. R. H., Brody, G. H., Philibert, R. A., & Gibbons, F. X. (2012). Social adversity, genetic variation, street code, and aggression. *Youth Violence and Juvenile Justice*, 10(1), 3–24.

2011

125. Simons, R. L., **Lei, M.-K.**, Beach, S. R. H., Brody, G. H., Philibert, R. A., & Gibbons, F. X. (2011). Social environment, genes, and aggression: Evidence supporting the differential susceptibility perspective. *American Sociological Review*, 76(6), 883–912.

Prior to 2010

126. Beach, S. R. H., Brody, G. H., **Lei, M.-K.**, & Philibert, R. A. (2010). Differential susceptibility to parenting among African American youths: Testing the DRD4 hypothesis. *Journal of Family Psychology*, 24(5), 513–521.
127. Kogan, S. M., Beach, S. R. H., Philibert, R. A., Brody, G. H., Chen, Y., & **Lei, M.-K.** (2010). 5-HTTLPR status moderates the effect of early adolescent substance use on risky sexual behavior. *Health Psychology*, 29(5), 471–476.
128. Yang, H-H., Wu, C-I., **Lei, M.-K.**, & Yang, H-J. (2009). How many are good enough for the adolescent social network nomination? *WSEAS Transactions on Mathematics*, 7, 299–308.
129. Beach, S. R. H., Brody, G. H., Kogan, S. M., Philibert, R. A., Chen, Y., & **Lei, M.-K.** (2009). Change in caregiver depression in response to parent training: Genetic moderation of intervention effects. *Journal of Family Psychology*, 23(1), 112–117.
130. Brody, G. H., Beach, S. R. H., Philibert, R. A., Chen, Y-F., **Lei, M.-K.**, Murry, V. M., & Brown, A. C. (2009). Parenting moderates a genetic vulnerability factor in longitudinal increases in youths' substance use. *Journal of Consulting and Clinical Psychology*, 77, 1–11.
131. Beach, S. R. H., Kogan, S. M., Brody, G. H., Chen, Y.-F., **Lei, M.-K.**, & Murry, V. M. (2008). Change in caregiver depression as a function of the Strong African American Families Program. *Journal of Family Psychology*, 22(2), 241–252.
132. Hsieh, Y-S., Wu, C-I., & **Lei, M.-K.** (2006). Friendship network characteristics, interaction context structure, and friendship dynamics among adolescents. *Taiwanese Sociology*, 11, 175–236.
133. **Lei, M.-K.**, & Wu, C-I. (2004). Bad parents, bad kids? The linkages of adolescent violent behaviors. *Taiwanese Sociology*, 7, 1–46.
134. Wu, C-I., & **Lei, M.-K.** (2003). The co-occurrence mechanism of depressive symptoms and delinquency in adolescents. *Taiwanese Sociology*, 6, 116–172.

BOOK CHAPTERS AND BOOK REVIEW (* indicates student)

1. **Lei, M.-K.** (2024). Review of the book *Hereditary: The Persistence of Biological Theories of Crime*, by Julien Larregue. *Social Forces*, 103, e10.
2. Simons, R. L., & **Lei, M.-K.** (2013). Enhanced susceptibility to context: A promising perspective on the interplay of genes and the social environment. In C. L. Gibson & M. Krohn (Eds.), *Handbook of Life-Course Criminology* (pp. 57-67). New York, NY: Springer.
3. Simons, R. L., **Lei, M.-K.**, Beach, S. R. H., Brody, G. H., Philibert, R. A., ... Gerrard, M. (2013).

Differential sensitivity to context: GABRG1 enhances the acquisition of prototypes that serve as intermediate phenotypes for substance use. In J. MacKillop & M. R. Munafo (Eds.), *Genetic Influences in Addiction: An Intermediate Phenotype* (pp. 303-326). Cambridge, MA: MIT Press.

4. Wu, C-I., & **Lei, M-K.** (2013). Deviant peers and delinquency: The influence of classroom context. In C-C Yi (Eds.), *The Psychological Well-Being of East Asian Youth: From Early Adolescence to Young Adulthood* (pp. 91-107). New York, NY: Springer.

OTHER PUBLICATIONS

1. *Ankeny, S. E., Ong, M.-L., Beach, S. R. H., **Lei, M.-K.**, Simons, R. L., & Mielke, M. M. (2025). Associations of mid-life peripheral blood-based markers of inflammation and Alzheimer's disease and related dementias in the Family and Community Health Study. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, 21, e108222.
2. **Lei, M-K.**, Beach, S. R. H., Simons, R. L., & Philibert, R. A. (2015). *Neighborhood Crime Scale*. APA PsycTests. <https://doi.org/10.1037/t49125-000>
3. **Lei, M-K.** (2014). Biosociology: Challenge and opportunity for sociologists. *Newsletter of the Taiwanese Sociological Association* 80: 4-9. (Editor Invited)

OTHER CREATIVE CONTRIBUTIONS

1. *Weaver, R. D., **Lei, M.-K.**, & Ong, M.-L. Poor heart health contributes to dementia among Black Americans. (2025). Interview by Savannah Peat. *UGAToday, WSB Atlanta (Top @UGAResearch Stories of 2025)* <https://research.uga.edu/news/top-ugaresearch-stories-of-2025/>
2. Berg, M., **Lei, M-K.**, Simons, R. L. (2022) Stressors from time in prison speed up aging process for incarcerated individuals. Interview by Cleo Krejci. *USA Today*. Retrieved January 23, 2022 (<https://www.usatoday.com/story/news/nation/2022/01/23/prison-time-speeds-up-aging-according-iowa-study-incarceration/6629187001/>)
3. **Lei, M-K.**, Lavner, J. A., Carter, S. E., Adesogan, O., & Beach, S. R. H. (2021). Improving Black couples' relationships can protect against the harmful effects of financial stress. *American Psychological Association Research Briefs*. Retrieved November 1, 2021. (<https://www.apa.org/news/press/research-briefs/2021/october>)
4. Berg, M. T., Rogers, E., **Lei, M-K.**, & Simons, R. L. (2021). Policy brief: Losing years doing time: Incarceration exposure and accelerated biological aging among African American adults. *Journal of Health and Social Behavior*, 62(4), 459-459. (<https://doi.org/10.1177/00221465211055925>)
5. **Lei, M-K.** (2021). Under the skin: How social and environmental factors affect health. Interview by Allyson Mann. *UGA Research*. Retrieved April 6, 2021 (<https://research.uga.edu/news/under-the-skin-how-social-and-environmental-factors-affect-health/>)
6. **Lei, M-K.** (2020). The complications of moving back home as a person of color. Interview by Joshua Bote. *USA Today*. Retrieved October 15, 2020 (<https://www.usatoday.com/story/nletter/this-is-america/2020/10/15/america-moving-back-home-complicated-people-color/5979026002/>)
7. **Lei, M-K.** (2020). Pre-seed program encourages interdisciplinary research. Interview by Linda

Kosen. *UGA Research*. Retrieved September 21, 2020 (<https://research.uga.edu/news/pre-seed-program-encourages-interdisciplinary-research/>)

8. **Lei, M-K.** (2020). Comparing SARS and COVID-19 in Taiwan and Hong Kong: An Interview with Dr. Man-Kit Lei on COVID-19 in Taiwan and Hong Kong. Interview by Jamie D. Aten. *Psychology Today*. Retrieved August 28, 2020 (<https://www.psychologytoday.com/us/blog/hope-resilience/202008/comparing-sars-and-covid-19-in-taiwan-and-hong-kong>).

INVITED LECTURE/WORKSHOPS

1. **Lei, M.-K.** (2026, November). *Cumulative socioeconomic status risk is associated with greater increase in neurological disorders among middle-aged Black adults*. Invited presentation at the *Journal of Gerontology, Series A: Medical Sciences* Editor's Choice Symposium, "From Pages to Paradigms," at the Gerontological Society of America (GSA) Annual Scientific Meeting, National Harbor, MD.
2. **Lei, M.-K.** (2025, August). *Cyberbullying victimization and depression: The buffering effect of parental involvement*. Invited presentation at the 2025 International Conference on Survey Methodology, Application, and New Developments, Academia Sinica, Taipei, Taiwan.
3. **Lei, M.-K.** (2022, April). Invited presentation: "How and for whom neighborhoods become biologically embedded and influence biological aging", Biosocial Health Inequities Working Group, University of Texas at Austin.
4. **Lei, M.-K.** (2021, November). *How neighborhoods become biologically embedded and influence aging and health*. Invited lecture for Medicine, Education, and Development for Low-Income Families Everywhere (MEDLIFE), University of Georgia.
5. **Lei, M-K.** (2016, July 20-26). Invited lecture, Workshop on Quantitative Methods and Sociological Research: Multilevel Modeling. Academia Sinica, Taipei.

SELECTED RESEARCH PRESENTATIONS (* indicates student):

1. **Lei, M.-K.** How much sample size for internal moderators? International Meeting of the Psychometric Society 2026, July 2026, Seoul, Republic of Korea.
2. **Lei, M-K.,** McNulty T. L., Bellair, P. E., & Henry, A. K. "Concentration at the extremes and race/ethnic disparities in neighborhood violence: Evidence from the National Neighborhood Crime Study." Annual meeting of the American Society of Criminology, November 2023, Philadelphia, PA.
3. Clay-Warner, J., & **Lei, M-K.** "State dependence effects in the continuity of health problems across the life course: The role of negative affect." Annual meeting of the American Sociological Association, August 2023, Philadelphia, PA.
4. **Lei, M-K.** "Leaving home and binge drinking in early adulthood." Annual meeting of the American Society of Criminology, November 2022, Atlanta, GA.

TEACHING EXPERIENCE

INSTRUCTOR

2020 Fall, 2022 Spring SOCI 3580: *Research Methods in Sociology*

2026 Fall	SOCI 3610: <i>Quantitative Methods of Social Research</i>
2022 Spring	SOCI 4950: <i>Internship Experience</i>
2022 Fall, 2023 Fall, 2026 Fall	SOCI 4960R: <i>Undergraduate Research I</i>
2026 Fall	SOCI 4970R: <i>Undergraduate Research II</i>
2018 Fall; 2025 Fall	SOCI 6620: <i>Analysis and Interpretation of Sociological Data I</i>
2019 Spring, 2020 Spring, 2021 Spring, 2022 Spring, 2023 Spring, 2024 Spring, 2025 Spring, 2026 Spring	SOCI 6630: <i>Analysis and Interpretation of Sociological Data II</i>
2025 Spring	SOCI 8040: <i>Sociology of the Life Course</i>
2025 Fall	SOCI 8200: <i>Research Design and Analysis</i>
2022 Fall, 2024 Fall	SOCI 8620: <i>Categorical Data Analysis</i>
2019 Fall, 2023 Fall, 2026 Fall	SOCI 8630: <i>Empirical Model-Building in Social Research</i>
2021 Fall, 2024 Spring	SOCI 8640: <i>Introduction to Multilevel Modeling</i>

ADVISING AND MENTORSHIP

Supervision of Graduate Student Research:

- a. Ph.D. Committee Chaired
 - Katelyn Austin, Sociology, UGA, in progress
 - Rachael Dean Weaver, Sociology, UGA, in progress
- b. Master's Thesis/Second-Year Paper Chaired
 - Katelyn Austin, Sociology, UGA, 2026
 - Rachael Dean Weaver, Sociology, UGA, 2026

Undergraduate Advising and Mentorship:

- Aquinas Voss (2026-2027), CURO student; CURO research fellowship.
- Bonnie Liu (2026-2027), CURO student; CURO research fellowship.
- Kelly Luo (2023–2024), CURO student, author of “The Effects of Relationship Status on Epigenetic Aging,” published in the *Journal for Undergraduate Research Opportunities* (2024, pp. 32–36); recipient of the 2023 CURO Symposium Best Paper Award; CURO research fellowship.
- Korn Ethan (2023), CURO student and internship student, author of “It’s a Social Thing That Brings Us Together: A Qualitative Study of Peer Influence and Substance Use in College,” published in *The Classic Journal* (2023, 8[2]).

Mentor, Georgia CTSA TEAMS Program

Mentor, *Translational Education and Mentoring in Science*, 2023–2024

PROFESSIONAL SERVICE

1. Service to Professional Societies, Governmental Organizations or Nongovernmental Agencies:
 - *Session Chair*, Novel Applications. International Meeting of the Psychometric Society, 2026
 - IPL expert, Inclusive Policy Lab, United Nations Educational, Scientific and Cultural Organization (UNESCO), 2023–present
 - *Committee*, Donal MacNamara Award, Academy of Criminal Justice Sciences, 2023–2024
 - *Member*, Center for Translational and Prevention Science, NIDA Center of Excellence (P30)

DA027827), 2014–present

- *Session Chair*, Race, Ethnicity, and Criminal Justice Processes. The Annual Meeting of the Western Society of Criminology, 2015
- *Committee*, Outstanding Article Award Committee, American Society of Criminology, 2014–2015
- *Session Chair*, Structural and Cultural Context and Crime. The Annual Meeting of the Western Society of Criminology, 2013

2. Editorships or Editorial Board Memberships for Journals or Other Learned Publications:

- Editorial Board, *Journal of Health and Social Behavior*, 2023–2025
- Volume Editor, *Encyclopedia of Adolescence*, 2022–2024
- Associate Editor, *Frontiers in Cardiovascular Medicine*, 2021–present

3. Ad Hoc Manuscript Reviewer:

- *Book Manuscripts: SAGE Publishing – Quantitative Applications in the Social Sciences (QASS): The little green books*
- Selected journal articles: *American Sociological Review*; *Journal of Health and Social Behavior*; *Criminology*; *Social Science & Medicine*; *Society and Mental Health*; *The Journals of Gerontology, Series A*; *The Journals of Gerontology, Series B*; *JAMA (Journal of the American Medical Association)*

4. Grant Review Panel Member:

- Social Sciences and Population Studies Section B, Center for Scientific Review, National Institutes of Health, 2017

5. Ad Hoc Grant Reviewer:

- Injury Prevention Research Center, University of Iowa, 2018, 2022, 2023

6. External Evaluator of Promotion/Tenure Dossier: Evaluated a dossier for an assistant professor's promotion and tenure at the University of Kentucky in 2023.

7. Service on Departmental, College, or University Committees:

- *Co-Director*, Center on Biological Embedding of Social Events and Relationships, Owens Institute for Behavioral Research, 2025–present
- *Executive Committee*, Center on Biological Embedding of Social Events and Relationships, Owens Institute for Behavioral Research, 2018–2025
- *Member*, Franklin College Awards Committee, Franklin College, 2023–present
- *Member*, Robert C. Anderson Graduate Student Research Awards, Office of Research, 2022–2024
- *Member*, Postdoctoral Research Award, Office of Research, 2022–2024
- *Team Lead*, Workgroup on Families, Communities, and Health, 2020–2022
- *Member*, Executive Committee, Department of Sociology, 2023–2024, 2025–2026
- *Member*, Graduate Admissions Committee, Department of Sociology, 2024–2026
- *Convener*, UGA Accelerate mentoring program (Dr. Baum), Faculty Affairs, 2026–2027
- *Convener*, UGA Accelerate mentoring program (Dr. Huang), Faculty Affairs, 2024–2025
- *Member*, Diversity, Equity, and Inclusion Committee, Department of Sociology, 2021–2023
- *Member*, Faculty Recruitment Committee, Department of Sociology, 2012, 2022, and 2024
- *Member*, Colloquium Committee, Department of Sociology, 2018, 2020, and 2022
- *Chair*, Colloquium Committee, Department of Sociology, 2019–2021

PROFESSIONAL AFFILIATIONS

American Association for the Advancement of Science
American Sociological Association
American Society of Criminology
Association of Chinese American Professors
Gerontological Society of America