

**Lei, Man-Kit (Karlo)**  
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## EDUCATION

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- 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

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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

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- 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

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- 2026     *Distinguished Scholar*, Owens Institute for Behavioral Research, University of Georgia
- 2025     *Editor's Choice Article*, The Journals of Gerontology: Series A
- 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*, Evolution, Biology & Society Section, American Sociological Association
- 2011     *B. O. Williams Award for Thesis Research*, Department of Sociology, University of Georgia

## **GRANT SUPPORT**

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### 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-PI.
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-PI.
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-PI.
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-PI.
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-PI.
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-PI.

### 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**

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### **BOOKS EDITED AND CO-EDITED:**

1. **Lei, M.-K.** (2024). Encyclopedia of Adolescence (2nd edition), Volume Editor for “Volume 3: Risk, Resilience, and Well-being.” Editors-in-Chief: Wendy Troop-Gordon and Enrique Neblett. Elsevier. (<https://www.sciencedirect.com/referencework/9780323958202/encyclopedia-of-adolescence>)

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

## **PEER REVIEWED PUBLICATIONS**

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

### **Forthcoming**

1. \*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*. doi: 10.1007/s40615-025-02843-6
2. \*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*. doi: 10.1177/00221465261426038
3. Hermanowicz, J., & **Lei, M.-K.** (in press). Race and measurement of publication productivity using sociology as a case. *Innovative Higher Education*. doi: 10.1007/s10755-025-09832-x
4. McNulty, T. L., Bellair, P., **Lei, M.-K.**, & \*Henry, A. (in press). Structural racism and the segregation of violence in ethnoracial neighborhoods. *Justice Quarterly*. doi: 10.1080/07418825.2026.2638370

### **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.
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. 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.
8. 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.

### **2025**

9. **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.
10. **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*.

11. **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.
12. **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.
13. 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.
14. 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.
15. 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 Health*. 37, 395–405.
16. 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.
17. \*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. *Neurology*, 105(5), e213976
18. 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**

19. **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.
20. **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.
21. \*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.

22. \*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.
23. 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
24. 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**

25. **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.
26. **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.
27. 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.
28. 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.
29. 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.
30. Hermanowicz, J., & **Lei, M.-K.** (2023). Organizational location and propensity for coauthorship in sociology. *Studies in Higher Education*, 48, 630–642.
31. 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**

32. **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.
33. **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.

34. **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.
35. **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.
36. \*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.
37. 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.
38. \*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.
39. 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.
40. 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 Health*, 34, 487–498.
41. 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.
42. 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.
43. 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.
44. 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**

45. **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.
46. **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.
47. **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.
48. 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.
49. 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.
50. 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.
51. 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.
52. Bellair, P. E., McNulty, T. L., Roscigno, V. J., & **Lei, M.-K.** (2021). Childhood material hardship and externalizing behavior. *Justice Quarterly*, 38, 454–478.
53. 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.
54. 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.
55. 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**

56. **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.
57. **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.

58. **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.
59. **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.
60. **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
61. 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.
62. 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
63. 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.
64. 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**

65. **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.
66. 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.
67. 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.
68. 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.
69. 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.

70. 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.
71. 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**

72. **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.
73. 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.
74. 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.
75. 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.
76. 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.
77. 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.
78. 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.

## **2017**

79. 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.
80. **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.

81. 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.
82. 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.
83. 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.
84. 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.
85. 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.
86. 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**

87. **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. *Journal of Family Psychology*, 30(2), 221–232.
88. Berg, M. T., Burt, C. H., **Lei, M.-K.**, Gordon Simons, L., Stewart, E. A., & Simons, R. (2016). Neighborhood social processes and adolescent sexual partnering: A multilevel appraisal of Anderson's player hypothesis. *Social Forces*, 94(4), 1823–1846.
89. 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.
90. 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.
91. 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.
92. 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.

93. 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.
94. 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**

95. **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.
96. 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.
97. 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.
98. Bunch, J., Clay-Warner, J., & **Lei, M.-K.** (2015). Demographic characteristics and victimization risk. *Crime & Delinquency*, 61(9), 1181–1205.
99. 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.
100. 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.
101. 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**

102. **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.
103. **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.
104. 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.

105. 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.
106. 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.
107. 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.
108. 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.
109. 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.
110. 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.
111. 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**

112. 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.
113. 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.
114. 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.
115. 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.
116. 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**

117. **Lei, M.-K.** (2012). Friends and delinquency: Is deviant peers influence real? *Survey Research — Method and Application*, 28, 119–160.
118. 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.
119. 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.
120. 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.
121. 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.
122. 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.
123. 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**

124. 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**

125. 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.
126. 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.
127. 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.
128. 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.

129. 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.
130. 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.
131. 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.
132. **Lei, M.-K.**, & Wu, C-I. (2004). Bad parents, bad kids? The linkages of adolescent violent behaviors. *Taiwanese Sociology*, 7, 1–46.
133. 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. Munafò (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 @UGA Research 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.** What sample size is sufficient for testing 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: <i>Research Methods in Sociology</i>                                              |
| 2022 Spring                                                                                            | SOCI 4950: <i>Internship Experience</i>                                                      |
| 2022 Fall, 2023 Fall                                                                                   | SOCI 4960R: <i>Undergraduate Research</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>Seminar in Sociological Theory and Research (Research Design and Analysis)</i> |
| 2022 Fall, 2024 Fall                                                                                   | SOCI 8620: <i>Categorical Data Analysis</i>                                                  |
| 2019 Fall, 2023 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
  - Rachael Dean Weaver, in progress



- b. Master's Thesis/Second-Year Paper Chaired
  - Katelyn Austin, Sociology, UGA, in progress
  - Rachael Dean Weaver, Sociology, UGA, 2026
  - Chih-Cheng Lee, Sociology, UGA, 2025
  - Chelsey Adams, UGA, 2021

#### Graduate Student Advisory Committee Membership:

- a. Ph.D. Committee Member
  - Dereika Pinder, Sociology, UGA, in progress
  - Brittany Belser, Sociology, UGA, in progress
  - Alexander Smith, Sociology, UGA, 2026
  - Chelsey Adams, Sociology, UGA, 2026
  - Stephanie Hanus, Sociology, UGA, 2026
  - Manuja Pabasara, Warnell School of Forestry and Natural Resources, UGA, 2026
  - Yue Zhang, Sociology, UGA, 2024
  - Alyssa Brown, Sociology, UGA, 2023
  - Megan Steele, Sociology, UGA, 2022
  - David Woodring, Sociology, UGA, 2019
- b. Comprehensive Exam Committee Member
  - Dereika Pinder, UGA 2025
  - Natalia Pires De Vasconcelos, UGA 2025
  - Manuja Pabasara, UGA 2024;
  - Ciara Peebles, Sociology, UGA, 2024
  - Keely Fox, Sociology, UGA, 2022
  - Shelby Clark, Sociology, UGA, 2022
  - Yue Zhang, UGA, 2023
  - Alyssa Brown, UGA 2021
- c. Master's Thesis Committee Member
  - Esther Lin, Geography, UGA, 2025
  - Yu Wen Lu, Sociology, UGA, 2025
  - Dereika Pinder, Sociology, UGA, 2024
  - Natalia Pires De Vasconcelos, Sociology, UGA, 2024
  - Olivia Francis, Sociology, UGA, 2024
  - Stephanie Hanus, Sociology, UGA, 2021
  - Alyssa Brown, Sociology, UGA, 2019
  - Rena Pulfer, Sociology, UGA, 2017

#### Undergraduate Advising and Mentorship:

- 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]).

- Isabella Hurley (2022), author of “Guest Column: Exclusivity of UGA Greek Life Stems from Class Divisions,” published in *The Red & Black*.

#### Mentor, Georgia CTSA TEAMS Program

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

### **PROFESSIONAL SERVICE**

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1. Service to Professional Societies, Governmental Organizations or Nongovernmental Agencies:
  - 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. Peng), 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**

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Academy of Criminal Justice Science  
 American Association for the Advancement of Science  
 American Sociological Association  
 American Society of Criminology  
 Association of Chinese American Professors