MATTHEW C. LOHMAN

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EDUCATION

Ph.D.	Epidemiology Virginia Commonwealth University, Richmond, VA w/Graduate Certificate in Gerontology	2014
M.H.S.	Mental Health Johns Hopkins University, Bloomberg School of Public Health, Baltimore, MD	2010
B.A.	Psychology Johns Hopkins University, Baltimore, MD	2005

POST-DOCTORAL TRAINING

Postdoctoral Fellowship	Dartmouth College, Geisel School of Medicine Centers for Health and Aging, Lebanon, NH Geriatric Mental Health Services Research, NIMH (T32 MH073553)	2015 – 2017
Postdoctoral Fellowship	Cornell University, Weill Medical College Institute of Geriatric Psychiatry, White Plains, NY Geriatric Mental Health Services Research, NIMH (T32 MH073553)	2014 – 2015

PROFESSIONAL AND ACADEMIC APPOINTMENTS

Associate Professor (with tenure), University of South Carolina, Arnold School of Public Health, Department of Epidemiology and Biostatistics	2023 –
Assistant Professor, Tenure-track, University of South Carolina, Arnold School of Public Health, Department of Epidemiology and Biostatistics	2017 – 2023
Faculty Member, Office for the Study of Aging, University of South Carolina, Arnold School of Public Health	2018 –
Postdoctoral Fellow, Dartmouth Geisel School of Medicine, Centers for Health and Aging	2015 – 2017
Postdoctoral Fellow, Weill Cornell Medical College, Institute of Geriatric Psychiatry	2014 – 2015
Predoctoral Fellow, National Institute on Aging (F31 AG044974), Virginia Commonwealth University	2013 – 2014
Graduate Research Assistant, Virginia Commonwealth University, Department of Family Medicine and Population Health	2010 – 2013
Research Assistant, Virginia Department of Behavioral Health and Developmental Services	2012
Admissions Coordinator, Johns Hopkins Bloomberg School of Public Health	2005 – 2009

HONORS AND AWARDS

Recognition of Teaching Excellence, Arnold School of Public Health	2025, 2026
Delta Omega Honorary Society, Mu Chapter, Faculty Member	2020
Delta Omega Honorary Society, Delta Eta Chapter, Honorary Alumni Member	2019
Innovative Research on Aging Award, Mather LifeWays Institute on Aging	2017
NIH Clinical Research Loan Repayment Award, National Institute on Aging	2016 – 2021

Best Early Investigator Poster Award, American Association of Geriatric Psychiatry	2014
Ruth L. Kirchstein National Research Service Award, National Institute on Aging (F31 AG044974)	2013
Phi Kappa Phi Scholarship Nominee Award, Phi Kappa Phi Honor Society	2012
Student Travel Grant Award, Virginia Commonwealth University, School of Medicine	2012
Phi Kappa Phi Honor Society Induction, Virginia Commonwealth University Chapter	2011

ADDITIONAL TRAINING AND RESEARCH EXPERIENCE

NIMH Advanced Research Institute, Invited Scholar (R25 MH119050)	2020 – 2022
Research Consultant, University of Michigan, School of Social Work	2017
Program Evaluation Consultant, Gerontological Society of America, Hartford Change AGEnts	2016 – 2017
NIMH Summer Research Institute in Geriatric Mental Health, Weill Cornell Medical College, National Institute of Mental Health (R25 MH019946)	2015
Advanced Psychometric Methods in Cognitive Aging Retreat, University of California Davis, National Institute on Aging (R13 AG030995)	2015
Summer Program in Quantitative Methods, Inter-University Consortium for Political and Social Research	2013
Summer Institute in Mental Health Research, Johns Hopkins School of Public Health	2009

PUBLICATIONS

Publications in peer-reviewed journals (<u>Underlined</u> names indicate student author or mentee):

1. Cai, C., Nyame, M., Alluri, S., Chidrala, C., Fairchild, A., **Lohman, M**., Wier, L., Bank, R. (2026). Emergency Department Use Disparities in Schizophrenia: Mediating Role of Antipsychotic Availability and Administration. Schizophrenia Research. [Accepted for publication]
2. <u>Brown, A.</u>, Frongillo, E., Flory, K., **Lohman, M.**, Krobath, D., Julceus, E., Wei, J., Reboussin, B., Mendoza, J., Bellatorre, A., Malik, F., Liese, A. (2026). Discrimination and material-need insecurities intersect in association with poor mental health among youth and young adults with type 1 diabetes. *Canadian Journal of Diabetes*. [Accepted for publication]
3. <u>He, B.,</u> **Lohman, M.**, Aghamoosa, S., Zhang, T., Olatosi, B., Zhang, J. (2026). Aging-Related Diseases in the U.S. Population: A Data-Driven Approach Using All of Us Electronic Health Record Data. *Journals of Gerontology: Medical Sciences*. 81(11):glag231. doi: 10.1093/gerona/glag231. PMID: 42745562.
4. May, J. Smyles, H., Adams, S., **Lohman, M.** Understanding Lesbian, Gay, Bisexual Aging Through a Patient-Centered Lens in the Health and Retirement Study. (2026). *The Gerontologist*. 66(9):gnag189. doi: 10.1093/geront/gnag189. PMID: 42569962.
5. Wei, J., Kim, Y., Zhang, Y., Lee, E., Tang, V., **Lohman, M**., Merchant, A., Crump, C. (2026). Psychiatric or Psychological Treatment of Depression in Older Adults and Subsequent Risk of Dementia: Health and Retirement Study 2012-2020. *Journal of Psychiatric Research*. 201:469-474. doi: 10.1016/j.jpsychires.2026.06.045. Epub 2026 Jun 27. PMID: 42398315.
6. May, J., Smyles, H., Adams, S., & **Lohman, M.** (2026). Risk factors and prevalence of Alzheimer's disease and related dementias in Transgender adults in South Carolina, 2000 to 2022. *LGBT Health*. 13(5):333-339. doi:10.1177/23258292261457936
7. **Lohman, M.**, <u>Mishio Bawa, E</u>., Wei, J., Merchant, A. (2026). Supplemental Nutrition Assistance Program use and cognitive performance in middle-aged and older adults. *International Journal of Epidemiology*. 55(2):dyag021. doi: 10.1093/ije/dyag021. PMID: 41740063.
8. Ma, Y., **Lohman, M.**, Brown, M., Li, Y., Li, X., Olatosi, B., Zhang, J. (2025). Temporal Network Analysis of

Comorbidities among People with HIV (PWH) in South Carolina. *HIV Medicine*. 27(2):257-269. doi: 10.1111/hiv.70147. PMID: 41224098; [PMCID: PMC12861128].

9. Carr, D., **Lohman, M**., Chauhan, S., Sonnega, A., Taylor, M. (2025). The Protective Effects of Psychological Resilience on Disability Consequences of Falling. *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*. 80(11):gbaf169. doi:10.1093/geronb/gbaf169. PMID: 40971669; [PMCID: PMC12552088].
10. Merchant, A., Zhao, L., Mishio Bawa, E., Fakhre Yaseri, A., **Lohman, M**., Zhang, J., Clay-Gilmore, A., Newman-Norland, R., Fridriksson, J. (2025). Apolipoprotein E4 allele, antibodies against periodontal microorganisms, and cognition in older adults. *Journal of Alzheimer's Disease Reports*. 5:9:25424823251370770. doi: 10.1177/25424823251370770.
11. Carr, D., S., Chauhan, **Lohman, M.**, Taylor, M., Sonnega, A. (2025). The Protective Effects of Psychological Resilience on Fall Risk. *Aging and Mental Health*. 80(11):gbaf169. doi: 10.1093/geronb/gbaf169. PMID: 40971669; [PMCID: PMC12552088].
12. Wende, M., **Lohman, M.**, Friedman, D., McLain, A., Whitsel, E., Crandall, C., Cauley, J., Allison, M., Shadyab, A., Sealy-Jefferson, S., Garcia, L., Cannell, B., Kaczynski, A. (2025). How neighborhood socioeconomic status, green space, and walkability are associated with risk for fracture among postmenopausal women. *Journal of Bone and Mineral Research Plus.* 9(5):ziaf024. Doi: 10.1093/jbmrpl/ziaf024.
13. **Lohman, M.**, Scott, V., Verma, M., Jones, P., & Fields, E. (2025). Distribution and correlates of long-acting injectable antipsychotic use among community mental health center patients. *Psychiatry Research*, 345:116378. doi: 10.1016/j.psychres.2025.116378. PMID: 39879897.
14. Tanarsuwongkul, S., Liu, J., Spaulding, M., Perea-Schmittle, K., **Lohman, M.**, Wang, Q. (2025) Associations between social determinants of health and mental health disorders among U.S. population: a cross-sectional study. *Epidemiology and Psychiatric Sciences*. 34:e4. doi: 10.1017/S2045796024000866. PMID: 39810438; PMCID: PMC11735116.
15. Fortuna, K., Divatia, S., Raue, P., Crowe-Cumella, H., Hill, J., **Lohman, M**., Heller, R., Walker, R. (2024). Certified Older Adult Peer Support Specialist-Delivered Telephonic Self-Management Intervention in a Racially and Ethnically Diverse Population with Serious Mental Illness. *American Journal of Geriatric Psychiatry: OSEP*. 5: 47-58. doi: 10.1016/j.osep.2024.11.002.
16. Merchant, A., Fallahi, A., Huda, A., **Lohman, M**. (2024). Food insecurity and oral health in older adults. *Frontiers in Oral Health*. 5:1400591. doi: 10.3389/froh.2024.1400591. PMID: 39512559. [PMCID: PMC11540812]
17. Li, K., Ghosal, R., Zhang, D., Li, Y., **Lohman, M.**, Brown, M., Merchant, A., Yang, C., Neils-Strunjas, J., Friedman, D., Wei, J. (2024). The Associations of Sensory Impairment with 10-Year Risk of Dementia and Alzheimer's Disease: The Health and Retirement Study, 2010-2020. *Journal of Geriatric Psychiatry and Neurology*. 38(2):94-105 doi: 10.1177/08919887241275042. PMID: 39185851 [PMCID: PMC11841694]
18. Wei, J., Zhang, Y., **Lohman, M**., Merchant, A. (2024). Supplemental Nutrition Assistance Program and Depressive Symptoms among Adults with Low Family Income in the U.S.: The National Health and Nutrition Examination Survey 2011-2018. *Journal of Affective Disorders*. 1(362):828-834. doi: 10.1016/j.jad.2024.07.093. PMID: 39029691.
19. Wei, J., **Lohman, M**., Brown, M., Hardin, J., Yang, C., Merchant, A., Miller, M., Friedman, D. (2024). Physical Activity Initiated from Midlife on Risk of Dementia and Cognitive Impairment: The Health and Retirement Study. *Journal of the American Geriatrics Society*. 72 (12):3668-3680. doi: 10.1111/jgs.19109. PMID: 39074909
20. Wei, J., **Lohman, M**., Brown, M., Hardin, J., Yang, C., Merchant, A., Friedman, D. (2024). Modifiable and Non-Modifiable Risk Factors for Dementia among non-Hispanic White and Black Populations Aged 50-64 in the United States, 2006-2016. *Journal of Geriatric Psychiatry and Neurology*. 38(2):106–114. doi:10.1177/08919887241267315. [PMCID: PMC11783974]
21. Brown, C., Ning, X., Money, A., Alford, M., Pan, Y., Miller, M., **Lohman, M.** (2024). Trends in Cause-specific Mortality among Persons with Alzheimer's Disease in South Carolina: 2014 to 2019. *Frontiers in Aging Neuroscience*. 17:16:1387082. doi: 10.3389/fnagi.2024.1387082. PMID:38694259 [PMCID:PMC11061437]
22. Alhasan, D., Larson, G., **Lohman, M**., Cai, B., LaPorte, F., Miller, M., Jackson, W., MacNell, N., Hirsch, J., Jackson, C. (2024). Features of the physical and social neighborhood environment and neighborhood-level Alzheimer's disease

and related dementia in South Carolina. *Environmental Health Perspectives*; 132(2):27013. doi: 10.1289/EHP13183. [PMCID: PMC10901285].

23. **Lohman, M.**, Wei, J., Mishio Bawa, E., Fallahi, A., Verma, M., Merchant, A. (2024). Longitudinal associations of diet, food insecurity, and Supplemental Nutrition Assistance Program (SNAP) use with global cognitive performance in middle-aged and older adults. *The Journal of Nutrition*; 154(2):714-721. doi: 10.1016/j.tjnut.2023.12.042. PMID: 38158186. PMID: 38158186

24. Merchant, A., Zhao, L., Mishio Bawa, E., Yi, F., Vidanapathirana, N., **Lohman, M.**, Zhang, J. (2023). Association between Clusters of Antibodies against Periodontal Microorganisms and Alzheimer's Disease Mortality: Evidence from a Nationally Representative Survey in the US. *Journal of Periodontology*; 95(1):84-90. doi: 10.1002/JPER.23-0006. [PMCID: PMC10788377]

25. Miller, M.C., Bayakly, R., Schreurs, B., Flicker, K.J., Arp Adams, S., Ingram, L.A., Hardin, J.W., **Lohman, M.**, Ford, M.E., McCollum, Q., McCrary-Quarles, A., Ariyo, O., Levkoff, S.E., & Friedman, D.B. (2023). Highlighting the value of Alzheimer's disease-focused registries: Lessons learned from cancer surveillance. *Frontiers in Aging*; 4:1179275. doi: 10.3389/fragi.2023.1179275. [PMCID: PMC10196140]

26. Gwanzura, C., Gavi, S., Mangiza, M., Vhene, F., **Lohman, M**., Nhemachena, T., Chipato, T. (2023). Effect of Anesthesia Administration Method on Apgar Scores of Infants Born to Women Undergoing Elective Cesarean Section. *BMC Anesthesiolo*gy; 23(1):142. doi: 10.1186/s12871-023-02098-w. [PMCID: PMC10134612]

27. Wei, J., Xu, H., Liese, A., Merchant, A., Wang, L., Yang, C., **Lohman, M.**, Brown, M., Wang, T., Friedman, D. (2023). The 10-Year Cardiovascular Disease Risk Score and Cognitive Function among Older Adults: The National Health and Nutrition Examination Survey 2011-2014. *Journal of the American Heart Association*; 12(11):e028527. doi: 10.1161/JAHA.122.028527. [PMCID: PMC10381993]

28. Wende, M., **Lohman, M.**, Friedman, D., McLain, A., LaMonte, M., Whitsel, E., Shadyab, A., Garcia, L., Chrisinger, B., Pan, K., Bird, C., Sarto, G., Kaczynski, A. (2023). Neighborhood socioeconomic status, green space, and walkability and risk for falls among postmenopausal women: The Women's Health Initiative. *Women's Health Issues*; 33(4):443-458. doi: 10.1016/j.whi.2023.03.009. PMID: 37149415.

29. **Lohman, M**., Fallahi, A., Mishio Bawa, E., Wei, J., Merchant, A. (2023). Social Mediators of the Association Between Depression and Falls Among Older Adults. *Journal of Aging and Health*, 35(7–8), 593–603. Doi: 10.1177/08982643231152276. PMID: 36633960.

30. Kuffel, R., Morin, R., Covinsky, K., Boscardin, W., **Lohman, M.**, Li, Y., Byers, A. (2022). Association of Frailty and Risk of Suicide Attempt in a National Cohort of Over 2 Million Adults 65 Years and Older. *JAMA Psychiatry*; 80(4):287-295. doi: 10.1001/jamapsychiatry.2022.5144. PMCID: PMC9947807.

31. Wei, J., Yang, C., **Lohman, M.,** Brown, M., Friedman, D. (2022). Patterns of Depressive Symptoms Over 16 Years with Incident Dementia: The Health and Retirement Study. *Journal of Psychiatric Research*; 156:485-490. doi: 10.1016/j.jpsychires.2022.10.064. PMID: 36347108.

32. Volley, K., Graybill, E., **Lohman, M.**, Soedje, K., Dassa, V. (2022). Gender distribution of mental health disorders among adolescents of Togo, West Africa: A hospital-based study. *International Journal of Mental Health*; 1-7. doi: 10.1080/00207411.2022.2123695.

33. Everly, J., Plummer, J., **Lohman, M**., Neils-Strunjas, J. (2022). A Tutorial for Speech-Language Pathologists: Physical Activity and Social Engagement to Prevent or Slow Cognitive Decline in Older Adults. *American Journal of Speech-Language Pathology*; 32(1): 83-95. doi: 10.1044/2022_AJSLP-22-00035. PMID:36450149.

34. AlHasan, D., **Lohman, M**., Hirsch, J., Miller, M., Cai, B., Jackson, C. (2022). Neighborhood characteristics and dementia symptomology among community-dwelling older adults with Alzheimer's Disease. *Frontiers in Aging Neuroscience*. 14:937915. doi: 10.3389/fnagi.2022.937915. PMID: 36204556; [PMCID: PMC9530440]

35. Resciniti, N., Farina, M., Merchant, A., Crimmins, E., **Lohman, M**. (2022). Depressive Symptoms Partially Mediate the Association of Frailty Phenotype Symptoms and Cognition for Females but Not Males. *Journal of Aging and Health*. 35(1-2):42-49. doi: 10.1177/08982643221100688. [PMCID: PMC9640765]

36. Yelton, B., Friedman, D., Noblet, S., **Lohman, M**., Arent, M., Macauda, M., Leith, K. (2022). Social Determinants of Health and Depression among African American Adults: A Scoping Review of Current Research. *International*

Journal of Environmental Research and Public Health; 19(3):1498. doi: 10.3390/ijerph19031498. [PMCID: PMC8834771]

37. Merchant, A., Yi, F., Vidanapathirana, N., **Lohman, M**., Zhang, J., Newman-Norlund, R., Fridriksson, J. (2021). Antibodies against periodontal microorganisms and cognition in older adults. *JDR Clinical & Translational Research*; 8(2):148-157. doi: 10.1177/23800844211072784. [PMCID: PMC10029137]
38. Resciniti, N., Fuller, M., Sellner, J., **Lohman, M.** (2021). COVID-19 Incidence and Mortality among Long-Term Care Facility Residents and Staff in South Carolina. *Journal of the American Medical Directors Association*; 22(10):2026 – 2031. doi: 10.1016/j.jamda.2021.08.006. [PMCID: PMC8364806]
39. **Lohman, M.**, Mezuk, B., Fairchild, A., Resciniti, N., Merchant, A. (2021). The Role of Frailty in the Association Between Depression and Fall Risk Among Older Adults. *Aging & Mental Health*; 26(9): 1805-1812. doi: 10.1080/13607863.2021.1950616. [PMCID: PMC9395731]
40. **Lohman, M.**, Ko, T., Rapp, A., Bennion, E., Mezuk, B. (2021). State variation in long-term care availability, regulation, and cost and suicide mortality among older adults in the US: 2010 – 2015. *Journal of the American Medical Directors Association*; 22(11):2337-2343.e3. doi: 10.1016/j.jamda.2021.02.008. [PMCID: PMC8483567]
41. AlHasan, D., Hirsch, J., Miller, M., Cai, B., Jackson, C., **Lohman, M.** (2021). Neighborhood characteristics and the mental health of caregivers cohabiting with care recipients diagnosed with Alzheimer's Disease. *International Journal of Environmental Research and Public Health*; 18(3):913. doi: 10.3390/ijerph18030913. [PMCID: PMC7908545]
42. Crow, R., Haudenschild, C., Roth, R., Roderka, M., Masterson, T., Brand, J., Gooding, T., **Lohman, M.**, Mackenzie, T., Batsis, J. (2021). Modified STEADI Fall Risk Categories Predict Incident Cognitive Impairment. *Journal of the American Geriatrics Society*; 69(5):1257-1264. doi: 10.1111/jgs.17034. [PMCID: PMC8232824]
43. Resciniti, N., Yelverton, V., Kase, B., Zhang, J., **Lohman, M.** (2021). Time-Varying Insomnia Symptoms are Associated with Incidence of Cognitive Impairment and Dementia in Older US Adults. *International Journal of Environmental Research and Public Health*; 18(1): 351. doi: 10.3390/ijerph18010351. [PMCID: PMC7796486]
44. **Lohman, M.**, Fairchild, A., Merchant., A. (2020). Antidepressant Use Partially Mediates the Association Between Depression and Risk of Falls and Fall Injuries Among Older Adults. *Journals of Gerontology, Series A: Medical Sciences*; 76(9):e171-e178. doi: 10.1093/gerona/glaa253. [PMCID: PMC8361338]
45. Batsis, J., Haudenschild, C., Roth, R., Gooding, T., Roderka, M., Masterson, T., Brand, J., **Lohman, M**., Mackenzie, T. (2020). Incident Impaired Cognitive Function in Sarcopenic Obesity: Data from the National Health and Aging Trends Survey. *Journal of the American Medical Directors Association;* 22(4):865-872.e5. doi: 10.1016/j.jamda.2020.09.008. [PMCID: PMC8269419]
46. Urena, S., Ingram, L., Leith, K., **Lohman, M.**, Resciniti, N., Rubin, L., Miller, M., Freidman, D. (2020). Mentorship and Training to Increase Diversity of Researchers and Practitioners in the Field of Aging and Alzheimer's Disease: A Scoping Review of Program Characteristics. *Journal of Aging and Health*; 33(1-2):48-62. doi: 10.1177/0898264320953345. [PMID: 32865457]
47. Resciniti, N., Tang, W., Tabassum, M., Pearson, J., Spencer, M., **Lohman, M**., Miller, M., Ehlers, D., Teixeira, A., Alhasan, D., Friedman, D. (2020). Knowledge Evaluation Instruments for Dementia Caregiver Programs: A Scoping Review. *Geriatrics & Gerontology International*; 20(5):397-41. doi: 10.1111/ggi.13901. [PMCID: PMC7748382]
48. **Lohman, M.**, Sonnega, A., Resciniti, N., Leggett, A. (2020). Frailty Phenotype and Cause-specific Mortality in the United States. *Journals of Gerontology, Series A: Medical Sciences*; 75(10):1935-1942. doi: 10.1093/gerona/glaa025. [PMCID: PMC7518553]
49. Quan, N., **Lohman, M.**, Resciniti, N., Friedman, D. (2019) A Systematic Review of Interventions for Loneliness among Older Adults Living in Long-term Care Facilities. *Aging and Mental Health*; 24(12):1945-1955. doi: 10.1080/13607863.2019.1673311. [PMID: 31602993]
50. Fortuna, K., DiMilia, P., **Lohman, M**., Cotton, B., Cummings, J., Batsis, J., Pratt, S. (2019). Systematic Review of Behavioral Health Homes Impact on Cardiometabolic Risk Factors for Adults with Serious Mental Illness. *Psychiatric Services*. 71(1):57-74. doi: 10.1176/appi.ps.201800563. [PMCID: PMC6939136]

51. Leggett, A., Sonnega, A., **Lohman, M.** (2019). Till Death Do Us Part: The Intersection of Health and Caring for a Spouse with Dementia on Caregiver Mortality. *Journal of Aging and Health;* 32(7-8):871-879. doi: 10.1177/0898264319860975. [PMCID: PMC7187632]

52. Siu, A., Allore, H., Brown, D., Charles, S., **Lohman, M**. (2019). National Institutes of Health Pathways to Prevention Workshop: Research Gaps for Long-Term Drug Therapies for Osteoporotic Fracture Prevention. *Annals of Internal Medicine*; 171(1):51-57. doi: 10.7326/M19-0961. [PMID: 31009943]

53. Chow, P., Shaffer, K., **Lohman, M.**, LeBaron, V., Fortuna, K., Ritterband, L. (2019). Examining the relationship between changes in personality and depression in older adult cancer survivors. *Journal of Aging and Mental Health*; 24(8):1237-1245. doi: 10.1080/13607863.2019.1594158. [PMID: 30939904]

54. Resciniti, N., **Lohman, M.**, Wirth, M., Shivappa, N., Hebert, J. (2019). Dietary Inflammatory Index, Pre-Frailty and Frailty among Older US Adults: Evidence from the National Health and Nutrition Examination Survey, 2007-2014. *Journal of Nutrition, Health & Aging*. 23(4):323-329. doi: 10.1007/s12603-019-1164-3. [PMID: 30932130]

55. **Lohman, M.**, Sonnega, A., Nicklett, E., Estenson, L., Leggett., A. (2018). Comparing Estimates of Fall-related Mortality Incidence among Older Adults in the United States. *Journals of Gerontology, Series A: Medical Sciences;* 74(9):1468-1474. doi: 10.1093/gerona/gly250. [PMCID: PMC6696719]

56. Crow, R., **Lohman, M.**, Titus, A., Bruce, M., Mackenzie, T., Bartels, S., Batsis, J. (2018). Association of Obesity and Frailty in Older Adults: NHANES 1999-2004. *Journal of Nutrition, Health & Aging*; 23(2): 138-144. doi: 10.1007/s12603-018-1138-x. [PMCID: PMC6371801]

57. **Lohman, M.**, Resciniti, N., Wirth, M., Shivappa, N., Hebert, J. (2018). Obesity, Dietary Inflammation, and Frailty among Older Adults: Evidence from the National Health and Nutrition Examination Survey. *Journal of Nutrition in Gerontology and Geriatrics.* 38(1): 18-32. doi: 10.1080/21551197.2018.1552226. [PMID: 30849025]

58. Batsis J., **Lohman M.**, Fortuna K., Liu S., Bartels, S. (2018). Association between Obesity and Patient-Centered Measures using Medical Panel Expenditure Survey: Data from 2004-2013 *Obesity Research & Clinical Practice.* 12(5): 485-489. doi: 10.1016/j.orcp.2018.07.009. [PMCID: PMC6438192]

59. Fortuna, K., Aschbrenner, K., **Lohman, M**., Brooks, J., Salzer, M., Walker, R., St. George, L., Bartels, S. (2018). Smartphone Ownership, Use, and Willingness to Use Smartphones to Provide Peer-Delivered Services: Results from a National Online Survey. 89(4): 947-956. *Psychiatric Quarterly*. doi: 10.1007/s11126-018-9592-5. [PMCID: PMC6413732]

60. Fortuna, K., Storm, M., Naslund, J., Aschbrenner, K., **Lohman, M.**, Chow, P., DiMilia, P., & Bartels, S. (2018). Certified Peer Specialists and Older Adults with Serious Mental Illness' Perspectives of the Impact of a Peer-Delivered and Technology-Supported Self-Management Intervention. *Journal of Nervous and Mental Disease*. 206(11):875-881. doi: 10.1097/NMD.0000000000000896. [PMCID:PMC6209327]

61. Cotton, B., **Lohman, M.**, Bryson, W., Brooks, J., Bruce, M. (2018). Characteristics of Medicaid Recipients in Methadone Maintenance Treatment: A Comparison Across the Lifespan. *Journal of Substance Abuse Treatment*; 92:40-45. doi: 10.1016/j.jsat.2018.06.002. [PMCID: PMC7053217]

62. Vasquez, E., Germain, C., Tang, F., **Lohman, M**., Whiteman, K., Batsis, J. (2018). The Role of Ethnic and Racial Disparities in Mobility and Physical Function in Older Adults. *Journal of Applied Gerontology*; 39(5):502-508. doi: 10.1177/0733464818780631

63. Leggett, A., Sonnega, A., **Lohman, M**. (2018). The Association of Insomnia and Depressive Symptoms with All-Cause Mortality Among Middle-Aged and Older Adults. *International Journal of Geriatric Psychiatry*. [Epub ahead of print]. doi: 10.1002/gps.4923. [PMCID: PMC6309745]

64. Fortuna, K., Naslund, J., Aschbrenner, K., **Lohman, M.**, Storm, M., Batsis, J., Bartels, S. (2018). Text Message Exchanges between Older Adults with Serious Mental Illness and Older Certified Peer Specialists in A Smartphone-Supported Self-Management Intervention. *Psychiatric Rehabilitation Journal*. 42(1):57-63. doi: 10.1037/prj0000305. [PMCID: PMC6635192]

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Editorials & non-refereed publications:

1. **Lohman, M.,** Merchant, A., Chi, C. (2026). Does using SNAP harm cognitive health? Why we should care about better analytical methods. *International Journal of Epidemiology Blog*. Available at: https://ije-blog.com/2026/03/13/does-using-snap-harm-cognitive-health-why-we-should-care-about-better-analytical-methods/#more-2387.
2. May, J. T., Smyles, H., Adams, S. A., & **Lohman, M.** (2026). Despite similar health needs, older lesbian, gay, and bisexual adults had fewer doctor visits and lower out-of-pocket healthcare spending than their non-LGB peers. CAPS Research Brief 6(01). https://doi.org/10.26153/tsw/66443
3. **Lohman, M.**, Mezuk, B. (2013). Frailty and depression: Comorbidity in the context of imperfect measurement. *Journal of the American Geriatrics Society*. Mar; 61(3):474. doi: 10.1111/jgs.12138 [PMCID: PMC3602919]
4. **Lohman, M**., Mezuk, B. (2016). Report: Suicide Prevention Across the Lifespan Plan for the Commonwealth of Virginia. Richmond, VA: Virginia Department of Behavioral Health and Developmental Services. Update to Virginia Senate Joint Resolution 312, 2003. Available at: https://www.sprc.org/sites/default/files/Virginia%20Suicide%20Prevention%20Across%20the%20Lifespan%20Plan.pdf.

Book Chapters:

1. Orchard, T., **Lohman, M**., Kopec, R. Inflammatory potential of diet and aging. In: Hebert, J. & Shivappa, N., ed. Diet, Inflammation, and Health. New York: Elsevier, 2022.

Presentations and professional meeting abstracts (<u>Underlined</u> names indicate current or former student/mentee):

1. Kaur, A., **Lohman, M**., Zhang, J., Li, X., Friedman, M., Mimiaga, M., Chandran, A., Thio C., Teplin, L., Brown, M. Adverse Childhood Experiences (ACEs) And Hepatitis C Among Men Who Have Sex with Men (MSM): The Mediating Role of Substance Use. Annual Meeting of the American Public Health Association (Nov 2026), San Antonio, TX.
2. Kaur, A., **Lohman, M**., Zhang, J., Li, X., Friedman, M., Mimiaga, M., Chandran, A., Thio C., Teplin, L., Brown, M. Adverse Childhood Experiences (ACEs) And Oral Manifestations Among Men Who Have Sex with Men (MSM): Role of Depression, Substance Use, and HIV Status. Annual Meeting of the American Public Health Association (Nov 2026), San Antonio, TX.
3. Amoatika, D., Miller, M., Love, B., **Lohman, M**., Self, S., Brown, M. Reweighting the Evidence: Polypharmacy and Mortality Risk in the South Carolina Alzheimer's Disease Registry. Discover USC (Apr 2026), Columbia, SC.
4. Smyles, H., **Lohman, M.,** Adams, S., May, J. Engaging Lived Experiences: Patient Engagement Studio Conversations on Healthcare Access Among LGBTQ Older Adults. Society for the Psychological Study of Social Issues Conference (June 2026), New Orleans, LA.
5. **Lohman, M.** The Supplemental Nutrition Assistance Program (SNAP) and Cognitive Health: A causal inference Analysis. Statewide Aging and Alzheimer's Disease Research Symposium (Oct 2025), Columbia, SC.
6. May, J., Smyles, H., Adams, S., **Lohman, M**. Lesbian, Gay, & Bisexual Health Inequities and Financial Burden: Health & Retirement Study Insights. Annual Meeting of the Gerontological Society of America (Nov 2025), Boston, MA.
7. <u>Alfalki, A.</u>, <u>Julceus, E.</u>, Brown, M., **Lohman, M**., <u>Avalos, C.</u>, <u>Rufai, T.</u>, <u>Odahowski, C</u>. Loneliness, Socioemotional Support, and their Relationship with Health-related Quality of Life among Older Populations in the United States. Annual Meeting of the American Public Health Association (Nov 2025), Washington, DC.
8. Wei, J., Kim, Y., Zhang, Y., Tang, V., **Lohman, M.**, Merchant, A., Crump, C. Timely Initiation of Psychiatric Treatment and Subsequent Incident Dementia in Older Adults with Newly Diagnosed Depression: The Health and Retirement Study 2012-2020. Alzheimer's Association International Conference (AAIC; Jul 2025), Toronto, CA.
9. <u>Fallahi, A.</u>, **Lohman, M.**, Hebert, J. Association between Energy-adjusted Dietary Inflammatory Index (E-DII) Score and Dementia Incidence in Older U.S. Adults. Arnold School of Public Health 15th Annual Nutrition Symposium (Mar 2025), Columbia, SC.

10. Zhong, C., **Lohman, M.**, Rucci, P., Pedraza, O., Mezuk, B. (2025). Network Analysis of Depressive Symptoms, Isolation, and Functioning Among Adults Aged 65 and Older. Annual Meeting of the American Association for Geriatric Psychiatry (Mar 2025), Phoenix, AZ.
11. Mezuk, B., Zhong, C., Pedraza, O., **Lohman, M**., Rucci, P., Depressive Symptoms, Social Connections, and Incident Falls among Adults Aged 65 and Older. Annual Meeting of the American Association for Geriatric Psychiatry (Mar 2025), Phoenix, AZ.
12. May, J., Smyles, H., **Lohman, M**., Adams, S. Prevalence of Alzheimer's Disease & Related Dementias among Transgender Adults in South Carolina. National Big Data Health Science Conference (Feb 2025), Columbia, SC.
13. Brown, C., Pan, Y., Miller, M., **Lohman, M.** (2024). Differences of Rankings in Death Certificates Among Persons With Alzheimer's Disease. Annual Meeting of the Gerontological Society of America (Nov 2024), Seattle, WA.
14. **Lohman, M**., Verma, M., Jones, P., Scott, V., Fields, E. Distribution and Determinants of Long-acting Injectable Antipsychotic Medication Use among Older Adults in South Carolina. Annual Meeting of the Gerontological Society of America (Nov 2024), Seattle, WA.
15. Fallahi, A., **Lohman, M**., Hebert, J., Price, S. Dietary Inflammation and Fall Risk in the Elderly: DII and E-DII Score Analysis from the Health and Retirement Study. Annual Meeting of the Gerontological Society of America (Nov 2024), Seattle, WA.
16. Brown, C., Ning, X., Money, A., Alford, M., Pan, Y., Miller, M., **Lohman, M.** Trends in Mortality and the Effect of Education among Persons with Alzheimer's Disease in South Carolina. Southern Gerontological Society Annual Meeting (April 2024), Greenville, SC.
17. Verma, M., **Lohman, M**., Kobayashi, L. Socioeconomic Gradients in Depressive Symptoms among Older Adults in Rural South Africa. Annual Meeting of the Gerontological Society of America (Nov 2023), Tampa, FL.
18. Brown A.D., Frongillo E.A., Flory K., **Lohman M**., Wei J., Mendoza J., Reboussin B.A., Jensen E., Dolan L., Bellatorre A., Malik F., Marcovina S., Liese A. Intersectionality Among Health-Related Social Needs Predicts Poor Mental Health Among Youth and Young Adults with Diabetes. American Diabetes Association Annual Conference (Aug 2023), San Diego, CA.
19. Yang, C., Fillo, J., Hakun, J., Friedman, D., **Lohman, M.**, Lee, J., Pellegrini, C. Ambulatory assessment of cognition is associated with within-person changes in daily sleep quality and duration in older adults. Annual Meeting of the Society of Behavioral Medicine (Apr 2023), Phoenix, AZ.
20. Resciniti, N., Merchant, A., **Lohman, M**. Depressive Symptoms Mediate the Association of Frailty Phenotype Symptoms and Cognition for Females but Not Males. Annual Meeting of the Gerontological Society of America (Nov 2022), Indianapolis, IN.
21. Resciniti, N., Kaplan, D., Sellner, J., **Lohman, M**. Vaccine access shrinks disparities between long-term care and community rates of COVID-19 mortality. Annual Meeting of the Gerontological Society of America (Nov 2021), Phoenix, AZ.
22. **Lohman, M.,** Resciniti, N., Fuller, M., Sellner, J. Timeline of COVID-19 Incidence and Mortality among Residents and Staff of South Carolina Long-term Care Facilities. Annual Meeting of the Gerontological Society of America (Nov 2021), Phoenix, AZ.
23. Resciniti, N., Kase, B., Yelverton, V., **Lohman, M**. Time-Varying Insomnia Symptoms and Incidence of Cognitive Impairment and Dementia among Older US Adults. Annual Meeting of the Gerontological Society of America (Nov 2021), Phoenix, AZ.
24. Resciniti, N., Merchant, A., McLain, A., Friedman, D., **Lohman, M.** Are Drugs that Cause Dysbiosis Longitudinally Associated with Cognitive Scores, Cognitive Impairment, & Dementia? Annual Meeting of the Gerontological Society of America (Nov 2021), Phoenix, AZ.
25. Batsis, J., Haudenschild, C., Kahkoska, A., Crow, R., Lynch, D., **Lohman, M**. Association of Obesity, Multimorbidity, and Frailty: Data from the National Health and Aging Trends Survey. Annual Meeting of the Gerontological Society of America (Nov 2021), Phoenix, AZ.

26. Alhasan, D., **Lohman, M.**, Hirsch, J., Miller, M., Cai, B., and Jackson, C. Association Between Neighborhood Characteristics and Neuropsychiatric Symptoms among Community-Dwelling Older Adults with Alzheimer's Disease. Annual Meeting of the Society for Epidemiologic Research (Dec 2020).
27. **Lohman, M**., Sonnega, A., Resciniti, N., Leggett, A. Differences in Cause-Specific Mortality between Frail Men and Women in the US. Annual Meeting of the Gerontological Society of America (Nov 2020), Philadelphia, PA.
28. **Lohman, M**., Resciniti, N., Merchant, A. Disentangling and Quantifying Mechanisms of Increased Fall Risk among Older Adults with Depression. Annual Meeting of the Gerontological Society of America (Nov 2020), Philadelphia, PA.
29. Resciniti, N., **Lohman, M.** Evidence of Mediation by Depressive Symptoms in the Association Between Frailty and Cognitive Decline in Older Adults. Annual Meeting of the Gerontological Society of America (Nov 2020), Philadelphia, PA.
30. Karim, S., Zhang, Z., Richard, C., **Lohman, M**., Liu, J. Does prenatal physical activity modify the association between prenatal stress and postpartum depression? APHA Virtual Annual Meeting and Expo (Oct. 2020).
31. Batsis, J., Dowd-Sivigny, C., Haudenschild, C., Crow, R., Gooding, T., **Lohman, M**., Vasquez, E. Self-Reported Health and Sarcopenia Phenotypes: Data from the National Health and Aging Trends Survey. Annual Meeting of the Gerontological Society of America (Nov 2020), Philadelphia, PA.
32. Resciniti, N., Kase, B., Yelverton, V., **Lohman, M**. Insomnia Symptoms and Dementia: Data from the Health and Retirement Study 2002-2014. Southern Gerontological Society of America annual meeting (April 2020), Norfolk, VA.
33. Batsis, J., Haudenschild, C., Roth, R., Roderka, M., Masterson, T., Brand, J., Gooding, T., **Lohman, M.,** Mackenzie, T. Incident Cognitive Decline in Sarcopenic Obesity: Data from the National Health and Aging Trends Survey. International Conference on Frailty & Sarcopenia Research (Mar. 2020), Toulouse, France.
34. AlHasan, D., **Lohman, M.,** Miller, M., Hirsch, J., Cai, B. Association Between Neighborhood Characteristics and Dementia: An Ecological Analysis. Annual Meeting of the Gerontological Society of America (Nov 2019), Austin, TX.
35. Quan, N., **Lohman, M**. Interventions for Loneliness Among Older Adults in Facilities: A Systematic Review. Annual Meeting of the Gerontological Society of America (Nov 2019), Austin, TX.
36. Resciniti, N., Tang, W., Tabassum, M., Pearson, J., Spencer, M., **Lohman, M**., Miller, M., Ehlers, D., Teixeira, A., Alhasan, D., Friedman, D. The Power of Reviews: Harnessing Research on Cognitive Health. Annual Meeting of the Gerontological Society of America (Nov 2019), Austin, TX.
37. Resciniti, N., McNeil, J., **Lohman, M**. Association Between Frailty and Development of Cognitive Impairment: Evidence from the Health and Retirement Study. Annual Meeting of the Gerontological Society of America (Nov 2019), Austin, TX.
38. Resciniti, N., **Lohman, M.,** Friedman, D., Marsh, A., Ingram, L. Perceived Mental Health and Caregiver Knowledge of Dementia Caregivers: A Focus Group. Discover UofSC (Apr 2019), Columbia, SC.
39. Sutherland, M., **Lohman, M.**, Reboussin, B., Flory, K., Brown, M., Corathers, S., Bellatorre, A., Lawrence, J., Yi-Frazier, J., Pihoker, C., Liese, A. Depressive Symptom Trajectories among Youth and Young Adults with Type 1 Diabetes. American Diabetes Association Scientific Sessions (Jun 2019), San Francisco, CA.
40. Sutherland, M., Lohman, M., Reboussin, B., Flory, K., Brown, M., Corathers, S., Bellatorre, A., Lawrence, J., Yi-Frazier, J., Pihoker, C., Liese, A. Depressive Symptom Trajectories among Youth and Young Adults with Type 1 Diabetes. Discover UofSC (Apr 2019), Columbia, SC
41. **Lohman, M.**, Leggett, A., Sonnega, A. Determinants and Incidence of Fall-related Mortality in the U.S.: Evidence from the Health and Retirement Study. Annual Meeting of the Gerontological Society of America (Nov 2018), Boston, MA.
42. Resciniti, N., **Lohman, M.** Dietary Inflammatory Index, Pre-Frailty and Frailty among Older US Adults: Evidence from the National Health and Nutrition Examination Survey, 2007-2014. Annual Meeting of the Gerontological Society of America (Nov 2018), Boston, MA.

43. **Lohman, M.**, Leggett, A. Sonnega, A. Comparing population-based measures of fall-related mortality incidence: Evidence from the Health and Retirement Study and CDC WISQARS. Annual meeting of the American Public Health Association, (Nov 2018), San Diego, CA.
44. Fortuna, K., Storm, M., Naslund, J., Aschbrenner, K., **Lohman, M**., Chow, P., DiMilia, P., Bartels, S. How Peers Promote Health Behavioral Change in Older People with Serious Mental Illness in a Technology-based Self-Management Trial. UConn Center for mHealth and Social Media Conference (May 2018), Storrs, CT.
45. Leggett, A., **Lohman, M**., Sonnega, A. Till death do us part: The impact of caring for a spouse with dementia on caregiver mortality. Annual Meeting of the American Association of Geriatric Psychiatry (Mar 2018), Honolulu, HI
46. **Lohman, M.**, Cotton, B., Zagaria, A., Bao, Y., Greenberg, R., Fortuna, K., Bruce, M. Hospitalization Risk associated with Potentially Inappropriate Medication and Controlled Medication in Medicare Home Health. Collaborations from the Geriatric Mental Health Services Research T32 Postdoctoral Fellowship. Annual Meeting of the American Association of Geriatric Psychiatry (Mar 2018), Honolulu, HI
47. Fortuna, K., **Lohman, M.,** Bruce, M., Zubritsky, C., Walker, R., & Bartels, S. Incorporating Mobile and Wireless Technology into Clinical Care: The State of the Science." Annual Meeting of the American Association of Geriatric Psychiatry (Mar 2018), Honolulu, HI
48. Fortuna, K., **Lohman, M**., Bruce, M., Zubritsky, C., Walker, R., & Bartels, S. Improving Mental Health Care Access, Engagement, and Delivery among Diverse, Underserved Populations: Collaborations from the Geriatric Mental Health Services Research T32 Postdoctoral Fellowship. Annual Meeting of the American Association of Geriatric Psychiatry (Mar 2018), Honolulu, HI
49. Cotton, B., **Lohman, M.**, Brooks, J., Whiteman, K., Bao, Y., Greenberg, R., Bruce, M. Prevalence and Factors Related to Controlled Prescription Drugs among Medicare Home Health Recipients. Annual Meeting of the American Geriatrics Society (May 2017), San Antonio, TX.
50. Cotton, B., **Lohman, M.**, Brooks, J., Whiteman, K., Bao, Y., Greenberg, R., Bruce, M. Prevalence of Controlled Prescription Drugs among Home Health Recipients. Eastern Nursing Research Society Annual Scientific Sessions (Apr 2017), Pittsburgh, PA.
51. Whiteman, K., Gill, L., **Lohman, M.**, Bruce, M., Bartels, S. Technology-Assisted Peer Delivered Intervention for Medical and Psychiatric Self-management. Annual Meeting of the American Association for Geriatric Psychiatry (Mar 2017), Dallas, TX.
52. Nicklett, E., **Lohman, M.** Neighborhood environment and falls among community-dwelling older adults. Michigan University-wide Sustainability and Environment (MUSE) conference (Feb 2017), Ann Arbor, MI.
53. Vasquez, E., Germain, C., **Lohman, M.**, Whiteman, K., Batsis, J. The Role of Ethnic/Racial Disparities in Functional Limitations in Older Adults. Annual Meeting of the Gerontological Society of America (Nov 2016), New Orleans, LA.
54. Batsis, J., **Lohman, M.**, Whiteman, K., Bartels, S. Impact of Obesity in Rural America on Health: Data from the Medicare Panel Expenditure Survey. Annual Meeting of the Gerontological Society of America (Nov 2016), New Orleans, LA.
55. Whiteman, K., **Lohman, M.**, Batsis, J., Di Napoli, B, Bruce, M., Bartels, S. Disparities in Patient Healthcare Experience Among Older Adults with Serious Mental Illness. Annual Meeting of the Gerontological Society of America (Nov 2016), New Orleans, LA.
56. Whiteman, K., **Lohman, M.**, Bruce, M., Bartels, S. Technology-assisted Peer Delivered Intervention for Medical and Psychiatric Self-management. NIMH Conference on Mental Health Services Research (Aug 2016), Bethesda, MD.
57. **Lohman, M.**, Raue, P., Greenberg, R., Bruce, M. Course of Suicidal Ideation among Home Health Patients in the CAREPATH Depression Care Management Trial. Annual Meeting of the American Association for Geriatric Psychiatry (Mar 2016), Washington, DC.
58. Bruce, M., **Lohman, M.**, Greenberg, R., Bao, Y., Raue, P. Impact of Integrating Depression Care Management into Medicare Home Health on Risk of Hospital Admission within 30 Days: The Depression CAREPATH Cluster-randomized Trial. Annual Conference on the Science of Dissemination and Implementation, National Institutes of Health (Dec 2015), Washington, DC.

59. **Lohman, M.**, Mezuk, B., Dumenci, L. Depression and Frailty Development as Concurrent Risks for Adverse Health Outcomes. Annual Meeting of the Gerontological Society of America (Nov 2015), Orlando, FL.
60. Rock, A., **Lohman, M.**, Payne, M., Mezuk, B. Body Mass Index Trajectory as a Predictor of Frailty. Annual Scientific Meeting of the American Geriatrics Society (May 2015), Orlando, FL.
61. Paggi, M., **Lohman, M.**, Jopp, D. Functional Impairment and Its Relationship to Job Stress in Older Workers. Annual Meeting of the American Association for Geriatric Psychiatry (March 2015), New Orleans, LA.
62. **Lohman, M.**, Greenberg, R., Raue, P., Bruce, M. Effect of Depression Care Management on Acute Hospitalization Risk among Medicare Home Health Patients: The CAREPATH trial. Annual Meeting of the American Association for Geriatric Psychiatry (March 2015), New Orleans, LA.
63. Paggi, M., **Lohman, M.**, Jopp, D. Reasons for Older Workers' Anticipated Job Performance Changes. Annual Meeting of the Gerontological Society of America (Nov 2014), Washington, DC.
64. **Lohman, M.** Suicide risk in senior living facilities: Evidence from the Virginia Violent Death Reporting System. Virginia Commonwealth University Department of Epidemiology Seminar Series (March 2014), Richmond, VA.
65. Mezuk, B., **Lohman, M.** Suicide in Long-term Care and Assisted-living Facilities from 2003–2011. Annual Meeting of the American Association for Geriatric Psychiatry (March 2014), Orlando, FL.
66. **Lohman, M.**, Mezuk, B. Depression and Frailty in Late Life: Evidence for a Common Vulnerability. Annual Meeting of the American Association for Geriatric Psychiatry (March 2014), Orlando, FL.
67. Mezuk, B., **Lohman, M.**, Leslie, M., Powell, V. Suicide Risk Among Older Adults: Identifying Points of Engagement. Annual Meeting of the Gerontological Society of America (Nov 2013), New Orleans, LA.
68. **Lohman, M.**, Mezuk, B., Leslie, M., Powell, V. Suicide in Long-term Care: A Qualitative Review of Narratives from the Virginia Violent Death Reporting System. Annual Meeting of the Gerontological Society of America (Nov 2013), New Orleans, LA
69. **Lohman, M.**, Mezuk, B., Dumenci, L. Construct overlap between depression and frailty in later life: Evidence from the Health and Retirement Study. Annual Meeting of the American Psychopathological Association (March 2012), New York, NY.
70. Choi, M., **Lohman, M.**, Mezuk, B. Trajectories of Cognitive Decline by Driving Mobility: Evidence from the Health and Retirement Study. Markesbery Symposium on Aging and Dementia (Nov 2012), Lexington, KY.
71. Choi, M., Mezuk, B., **Lohman, M.**, Edwards, J., Rebok, G. Gender and racial disparities in driving cessation among older adults. Annual Meeting of the Gerontological Society of America (Nov 2011), Boston, MA.
72. Mezuk, B., **Lohman, M.**, Dumenci, L., Lapane, K. Are depression and frailty overlapping syndromes in mid- and late-life? Annual Meeting of the Gerontological Society of America (Nov 2011), Boston, MA.
73. **Lohman, M.**, Rebok, G., Spira, A., Parisi, J., Gross, A., & Kueider, A. The Effect of Depression on Memory and Memory Training Intervention in Older Adults. Annual Meeting of the Gerontological Society of America (Nov 2011), Boston, MA.

TEACHING EXPERIENCE

Courses taught at The University of South Carolina

Practical Methods for Secondary Data Analysis (EPID J788; 3 credits)	2026
Advanced Epidemiologic Methods (EPID 800; 3 credits)	2021
Psychiatric Epidemiology (EPID 768; 3 Credits)	2019 –
Intermediate Epidemiologic Methods (EPID 741; 3-4 Credits)	2018 –
Epidemiology Doctoral Seminar (EPID 845A; 1 Credit)	2018

Short courses and workshops:

Social Science Research Using Stata, Korean Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea 2017

Latent Growth Models for Psychiatric Epidemiology, University of Massachusetts-Worcester, Department of Quantitative Health Sciences 2014

Guest lectures:

Social Determinants of Mental Health Disorders. Course: Social Epidemiology (EPID 770) 2020 –

Grant Writing in Mental Health. Course: Grant Writing for Epidemiologists (EPID 802) 2021

Writing a Master's Thesis. Course: Seminar in Epidemiology (EPID 745) 2019, 2020

Hospitalizations, Medications, and Depression among Older Adults Receiving Home Health Care. Course: Seminar in Epidemiology (EPID 745) 2018

Ecological and Cross-sectional Study Designs. Course: Advanced Epidemiologic Methods (EPID 800) 2018

Epidemiology of Mental Health Disorders, University of South Carolina, Introduction to Epidemiology Course (EPID 410) 2017 – 2020

Epidemiology of Neurocognitive Disorders and Dementia, Virginia Commonwealth University, Epidemiology of Mental Health and Substance Abuse Disorders 2013

Invited presentations/Lectures:

Food and Cognitive Health: State of the Science and Research Gaps. NIH-hosted workshop and panel on food security and cognitive health research. 2026

Working With Big Data for Health & Aging Research. Scholars in Health and Alzheimer's Research Engagement (SHARE) Workshop 2026

Biostatistics for the Infection Prevention Practitioner, Annual Association for Professionals in Infection Control and Epidemiology (APIC) Palmetto Educational Conference 2018

Hospitalizations, Medications, and Depression among Older Adults Receiving Home Health Care. Epidemiology Brown Bag Seminar, University of South Carolina 2018

Depression Care for Older Adults Receiving Home Health Services. Seoul National University, Social Science Korea (SSK) Aging Society Research Center 2017

Introduction to Epidemiology, Medical College of Virginia, Summer Program in Microbiology, Infectious Disease, and Public Health (MIDPH) 2014

Epidemiological Research Methods, Medical College of Virginia, Pediatric Residency Program, Non-procedural Tract Research Curriculum 2013

Other teaching experience:

Teaching Assistant – Epidemiology of Psychiatric and Substance Use Disorders 2012 – 2013
Virginia Commonwealth University, Department of Family Medicine and Population Health

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MENTORSHIP AND ADVISING

Doctoral Dissertation Committee Chair

Dana Al-Hasan, PhD (awarded), Epidemiology	08/2017 – 05/2020
Nicholas Resciniti, PhD (awarded), BBIP Trainee, Epidemiology	08/2017 – 08/2021
Kokou Volley, PhD candidate, Epidemiology	08/2018 –
Afsaneh Fallahi, PhD (awarded), Epidemiology	08/2021 – 08/2025
Mansi Verma, PhD candidate, Epidemiology	08/2022 –
Robert Aidoo, PhD candidate, Epidemiology	09/2025 –
Weinuo Mi, PhD candidate, Epidemiology	09/2026 –

Master's Thesis Committee Chair

Haley Davis-Martin, MSPH (awarded), Epidemiology	05/2019 – 05/2020
Paige Jones, MS (awarded), Epidemiology	09/2022 – 05/2024

Honor's College Undergraduate Thesis Committee Chair

Nicholas Quan, BS (awarded), Biological Sciences, UofSC Honors College	05/2018 – 05/2019
Katherine Kerwin, BS (awarded), Biological Sciences, UofSC Honors College	05/2021 – 05/2022
Abigail White, BS, Nursing, UofSC Honors College	10/2025 –
Nathaniel Humphrey, BS, Statistics, UofSC Honors College	01/2026 –

Practicum Director

Emily Fiano, MPH (awarded), Epidemiology	05/2019 – 12/2019
Aja Willis, MPH (awarded), Epidemiology	06/2021 – 05/2022
Slone Taylor, MPH (awarded), Epidemiology	06/2021 – 05/2022

Doctoral Dissertation Committee

Melanie Sutherland, PhD (awarded), Epidemiology	08/2017 – 12/2019
Tushar Trivedi, PhD (awarded), Epidemiology	05/2018 – 07/2020
Jameson Sofge, PhD candidate, Epidemiology	12/2018 –
Marilyn Wende, PhD (awarded), Health Promotion, Education, & Behavior	07/2019 – 06/2021
Andrea Brown, PhD (awarded), Epidemiology	02/2020 – 05/2023
Amandeep Kaur, PhD (awarded), Epidemiology	05/2022 – 12/2024
Carlos Avalos, PhD (awarded), Epidemiology	05/2022 – 05/2026
Eric Mishio Bawa, PhD candidate, Epidemiology	08/2024 –
Samuel Gavi, PhD (awarded), Epidemiology	05/2021 – 05/2025
Tanko Rufai, PhD (awarded), Epidemiology	01/2025 – 12/2026

Daniel Amoatika, PhD candidate, Epidemiology	01/2025 – 05/2026
Ali Alfalki, PhD candidate, Epidemiology	05/2025 –
Xuzhuo Zhao, PhD candidate, Epidemiology	09/2025 –
Jongwon Lee, PhD (awarded), Exercise Science	09/2025 – 12/2026
Ali Alshayhan, PhD (awarded), Epidemiology	09/2025 – 05/2026
Nikki Tyson, PhD (awarded), Education	02/2026 – 05/2026

Master's Thesis Committee

Amanda Collins, MPH (awarded), Epidemiology	08/2017 – 07/2018
Marie Knoll, MSPH (awarded), Epidemiology	08/2019 – 06/2020

Honors College Undergraduate Thesis Committee

Melanie Cashell, BS (awarded), Public Health, UofSC Honors College	05/2019 – 12/2019
Abby Kiesow, BS (awarded), Psychology, UofSC Honors College	09/2022 – 05/2023

Undergraduate Magellan Grant Advisor

Kendall Mahmood, BA, Public Health, UofSC	2023

Other Mentorship Activities

Faculty mentor – Scholars in Health and Alzheimer's Research Engagement (SHARE), UofSC	2025 –
Faculty affiliate/mentor – Behavioral Biomedical Interface Program (BBIP), UofSC	2019 –

PEER REVIEW AND EDITORIAL EXPERIENCE

National Institutes of Health Grant Review

NIH, Fellowships: Clinical Care and Health Interventions (ZRG1 F16-D (20) L)	2025
NIH, Transition to Aging Research Award for Predoctoral Students - ZAG1 ZIJ-J (M1)	2024
NIH, Fellowships: Population Sciences and Epidemiology (ZRG1 F18-E (20) L)	2023
NIH, Scientific Review Group: Career Development Facilitating the Transition to Independence (AGCD-1)	2022, 2023
NIH, Special Emphasis Panel for RFA-AG-22-018	2022
NIH, Scientific Review Group: Aging Systems and Geriatrics (ASG)	2021

Other Review

Center for Clinical and Translational Research University of South Carolina (ClinTrUSC), Pilot and Developmental (P&D) Project Awards	2025
Grant review – Advanced Support Program for Innovative Research Excellence (ASPIRE-I), UofSC Vice President for Research Grant Program, UofSC	2020
Abstract review – Gerontological Society of America, Annual Scientific Meeting	2020
Panel Member – NIH Pathways to Prevention (P2P): Appropriate Use of Drug Therapies for Osteoporotic Fracture Prevention, NIH Office of Disease Prevention, NIAMSD, NIA	2018

Grant review – Claude D. Pepper Older Americans Independence Center Pilot Grant Awards, University of Michigan, Institute for Clinical & Health Research 2017

Journal editor:

Editorial board member, *Annals of Epidemiology*	2022 –
Editorial board member, *Frontiers in Public Health*	2022 – 2024
Editorial board member, *BMC Geriatrics*	2020 – 2023
Editorial board member, *Journal of Ageing and Longevity*	2020 – 2024
Editorial board member, *Nutrients*	2020 – 2024
Guest Editor, *Frontiers in Public Health*	2023
Guest Editor, *International Journal of Environmental Research and Public Health*	2020 – 2022

Ad hoc manuscript review:

Age and Ageing
American Journal of Preventive Medicine
American Journal of Geriatric Psychiatry
Annals of Epidemiology
Archives of Gerontology and Geriatrics
Archives of Osteoporosis
BMC Geriatrics
BMC Psychiatry
BMJ Open
Canadian Journal on Aging
Drugs and Aging
Experimental Gerontology
Injury Prevention
International Journal of Geriatric Psychiatry
International Journal of Nursing Studies
International Psychogeriatrics
JAMA Network Open
JAMA Psychiatry
Journal of Affective Disorders
Journal of Aging and Health
Journal of Epidemiology and Community Health
Journal of Geriatric Psychiatry and Neurology
Journal of Gerontology: Medical Sciences
Journal of Gerontology: Psychological Sciences
Journal of Nutrition in Gerontology and Geriatrics
Journal of Pain Research
Journal of Psychosomatic Research
Journal of the American Geriatrics Society
Journal of Transport and Health
Osteoporosis International
Pain Medicine
PLoS ONE
Progress in Neuro-Psychopharm and Biological Psych
Pharmacoepidemiology and Drug Safety
Psycho-Oncology
Rejuvenation Research

INSTITUTIONAL PROFESSIONAL SERVICE

Chair – Epidemiology Faculty Search Committee	2026
Co-Chair – Epidemiology Faculty Search Committee	2022
Consultant – High-Impact Alzheimer's Disease Registry Research Workshop for Scholars of Color	2022
Member – Epidemiology Division Admissions Committee	2020 –
Fulbright application review, UofSC National Fellowships and Scholar Programs	2020
Member – Epidemiology Faculty Search Committee	2019 – 2020
Faculty Affiliate – Office for the Study of Aging, UofSC	2018 –
Chair, Member – Exam Committee, UofSC Department of Epidemiology and Biostatistics	2018 –
Co-Chair – UofSC Department of Epidemiology and Biostatistics Seminar	2018 – 2020

Member – Academic Programs Committee, UofSC Arnold School of Public Health	2018 – 2020
Seminar Coordinator – Weill Cornell Institute of Geriatric Psychiatry	2015
Vice President – Public Health Student Association, VCU	2010 – 2011

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

American Geriatrics Society	2017 – 2018
American Association of Geriatric Psychiatry	2014 – 2018
American Psychopathological Association	2012 – 2013
Gerontological Society of America	2011 –
American Public Health Association	2011 –

RESEARCH FUNDING

Current:

Title: Certified Older Adult Peer Support Specialists Telephonic Intervention to Support Independent Living Skills in Older Adults with Serious Mental Illness
Date: 9/16/2026 –
Funder: National Institute of Mental Health
Award Number: R56MH138734
Total Costs: $1,133,543
Role: Co-Investigator (PI: Fortuna)

Title: Digital biomarker discovery with multimodal and longitudinal wearable data using novel functional and distributional data analysis methods
Date: 9/5/2026 – 5/31/2031
Funder: National Heart Lung and Blood Institute
Award Number: R01HL187193
Total Costs: $649,041 (Y1)
Role: Co-Investigator (PI: Ghosal)

Title: For the Purchase and Provision of Alzheimer's Disease Registry Management and Training and Development Related to Alzheimer's Disease Registry
Date: 9/1/2018 –
Funder: South Carolina Department of Health and Human Services
Award Number: A20190088A
Total Costs: $967,350
Role: Co-Investigator

Completed:

Title: Variability and Volume of Day-to-Day Lifestyle Activity in Sustaining Cognitive Function among Insufficiently Active Older Adults at Risk for Alzheimer's Disease and Related Dementias
Date: 5/23 – 05/2025
Funder: National Institute on Aging
Award Number: R21AG077515-01A1
Total Costs: $396,422
Role: Co-Investigator (PI: Yang)
Objectives: The goal of the project is to conduct an observational study to determine if day-to-day variability and volume of light-intensity physical activity (LPA) can sustain cognitive function in inactive older adults at risk for developing Alzheimer's disease and related dementias (ADRD).

Title: Long-Acting Injectable Antipsychotic Medication in the Patient Population of the South Carolina Department of Mental Health
Date: 5/01/23 – 4/30/24
Funder: South Carolina Department of Mental Health Ensor Trust
Total Costs: $24,629
Role: Principal Investigator
Objectives: The goal of this project is to analyze data from South Carolina Mental Health Centers to understand the distribution and determinants of long-acting injectable antipsychotic medication in South Carolina.

Title: Periodontal Antibodies to Predict Alzheimer's Disease Mortality
Date: 9/15/20 - 5/30/24
Funder: National Institute on Aging
Award Number: R21AG070449
Total Costs: $401,420
Role: Co-Investigator (PI: Merchant)
Objectives: The goal of the proposed research project is to investigate the prospective associations between IgG antibody clusters and Alzheimer's disease and cognitive decline.

Title: Mechanisms of Increased Fall Risk among Older Adults with Depression: A Causal Mediation Analysis
Date: 08/01/19 - 07/31/22
Funder: National Institute on Aging
Award Number: R21AG064310
Total Costs: $289,474
Role: Principal Investigator
Objectives: The goal of this research is to investigate key pathways mediating associations between depression and falls, comparing the effects of established mechanisms with the potential pathway of frailty.

Title: Frailty, Depression and Adverse Health Events
Date: 8/1/2016 – 8/1/2021
Funder: NIH Extramural Clinical Research Loan Repayment Program (NIA)
Award Number: L30AG053873
Total costs: $54,203
Role: Principal Investigator
Objectives: Repayment of educational debt; research focuses on parallel investigations of the epidemiologic links between depressive disorder, frailty, and adverse outcomes in later life.

Title: Pilot Evaluation of an Early Memory Loss Lifestyle Intervention for Participants
and Their Care Partners in South Carolina
Date: 7/1/2019 – 12/31/2021
Funder: University of South Carolina, Advanced Support for Innovative Research Excellence (ASPIRE I)
Award Number: 11520-19-50710
Total Costs: $14,806
Role: Principal Investigator
Objectives: This project seeks to conduct pilot data collection and evaluation of a South Carolina-based memory care program for individuals with early memory loss and their care partners – Memory Matters.

Title: A Public Health Approach to Understanding Suicide in Long-Term Care
Date: 8/25/2017 – 8/01/2019
Funder: National Institute of Mental Health
Award Number: R21 MH108989
Total costs: $188,017
Role: Consultant
Objectives: The goal of this research is to investigate the relationship between long-term care, housing transitions in later life, and completed suicide among older adults using a large, population-based registry of suicide deaths (2003 – 2012).

Title: Homecare Agency-Randomized Trial of Web Implementation Strategy for Depression
Date: 8/1/2014 – 8/1/2017
Funder: National Institute of Mental Health
Award Number: R01 MH096441
Role: Research Investigator (PI: Bruce)
Objectives: This study tests the effectiveness of a web-based implementation strategy (MHTraining-Net) on the Depression CAREPATH, a home health intervention based on the Collaborative Depression Care model. CAREPATH integrates the model's depression care management functions into routine practice of HH nurses.

Title: Training Geriatric Mental Health Services Researchers
Date: 6/15/2014 – 6/14/2017
Funder: National Institute of Mental Health
Award Number: T32 MH073553-11 (PI: Bartels & Bruce)
Role: Postdoctoral Research Fellow
Objectives: This award provides salary support and research training in geriatric mental health services for postdoctoral fellows. The fellowship includes supervision from senior researchers at four sites: Dartmouth Geisel School of Medicine, Weill Cornell Medical College, the University of Michigan and the University of Washington. My research support comes from a subcontract granted to Dr. Martha Bruce.

Title: Understanding Associations between Persistent Pain and Frailty in Later-life
Date: 7/31/2015 – 7/31/2016
Funder: National Institute on Aging/Translational Research Institute on Pain in Later Life
Award Number: Pilot award from P30 AG022845
Role: Principal Investigator
Objectives: This project provides funding for pilot research on factors related to development of persistent pain and frailty among older adults in the community and those receiving home health care services. This funding is awarded by the Translational Institute on Pain in Later Life through the Center's Pilot Study Core grant from the National Institute on Aging (P30 AG022845).

Title: Frailty and depression: A latent trait analysis
Date: 7/1/2013 – 5/15/2014
Funder: National Institute on Aging
Award Number: F31-AG044974-01A1
Role**:** Principal Investigator
Objectives: The overall goal of this study was to describe the combined role of frailty and depression in the aging process and in influencing poor health outcomes. To accomplish this goal, I applied latent variable and structural equation modeling analytic techniques to understand the structural and temporal associations between these two constructs and health among older adults.

Title: Depression, inflammation, and diabetes: Exploring shared etiopathology
Date: 8/1/2012 – 7/1/2013
Funder: National Institute of Mental Health
Award Number: K01-MH093642-A1 (PI: Mezuk)
Role: Research Assistant
Objectives: The goal of this study was to evaluate environmental and genetic contributions, and their interaction, in the relationship between major depression and type 2 diabetes in later adulthood; to investigate the physiologic pathways, particularly immune function, linking depression and diabetes; and examine the influence of depressive symptoms on expression of immune-related genes and glucose metabolism.

Title: Suicide prevention across the lifespan for the Commonwealth of Virginia
Date: 3/1/12 – 7/31/12
Funder: Virginia Department of Behavioral Health and Disability Services
Role: Research Assistant (PI: Mezuk)
Objectives: To update the Virginia state plan for preventing suicide.