

Heide M. Jackson

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Professional Experience

University of Maryland	2019 – Present
Southern Population Aging Research Center, Data, Statistics, and Computing Specialist	2025 – Present
Maryland Population Research Center, Associate Research Professor	2022 – Present
Maryland Population Research Center, Faculty Assistant	2019 – 2022
U.S. Census Bureau , Health and Disability Statistics Branch	2016 – 2019
Demographer (GS 13)	2018 – 2019
Survey Statistician (GS 11 to GS 12)	2016 – 2018

Education

Johns Hopkins University , Center on Aging and Health	2016
Post-Doctoral Fellowship	
University of Wisconsin at Madison , Sociology	2015
Ph.D in Sociology	
University of Wisconsin at Madison , Population Health	2015
Masters in Population Health Sciences	
University of Pennsylvania	2010
Bachelor of Arts (Majors: Sociology and Political Science)	

Peer Reviewed Publications

1. Ailshire, J., Walsemann, K., Farina, M., **Jackson, H.M.** “The role of educational attainment and quality in U.S. regional variation in prevalence of dementia and CIND.” Plos One. Accepted.
2. **Jackson, H.M.** and Rendall, M. “Combining the list-experiment and direct question to improve estimation of abortion incidence.” American Journal of Epidemiology. Accepted.
3. Walsemann, K., Abbruzzi, E., **Jackson, H.M.**, Tyagi, P., and Ailshire, J. (2025). “Historical state-level data on U.S. public school systems from 1919/20 to 1973/74.” Scientific Data. (In-Press).
4. Mueller, C., Hurtado, C., **Jackson, H.M.** (2025). “Disparities in Perceptions of Long-Acting Reversible Contraceptives among Patients in Delaware Title X Clinics”. Contraception. (In-Press).
5. Walsemann, K., **Jackson, H.M.**, Boardman, J., Herd, P. (2025). “APOE genotype and cognitive decline: Educational context as a moderator of genetic risk”. Journal of Gerontology Social Sciences. (In-Press)
6. Eekhaut, M., Rendall, M., **Jackson, H.M.** (2025). “Desire for sterilization reversal: The roles of LARC use, personal abortion acceptability, and economic disadvantage”. Perspectives on Sexual and Reproductive Health. (In-Press)
7. **Jackson, H. M.**, & Rendall, M. S. (2025). “Addressing Abortion Underreporting in Surveys with the List Experiment: Lifetime and Five-Year Abortion Incidence with Multivariate Estimation of Socio-Demographic Associations in Two US States”. Population Research and Policy Review, 44(1), 1-28.
8. **Jackson, H. M.**, & Rendall, M. S. (2024). “Lifetime abortion incidence when abortion care is covered by Medicaid: Maryland versus five comparison states”. Health Services Research, 59(5), e14358.
9. Walsemann, K. M., **Jackson, H.M.**, Abbruzzi, E., & Ailshire, J. A. (2024). “State-Level Education Quality and Trajectories of Cognitive Function by Race and Educational Attainment”. The Milbank Quarterly, 102(3), 765-821.
10. Walsemann, K. Hair, N., Farina, M., Pallavi, T., **Jackson, H.M.**, & Ailshire, J. (2023) “State-level desegregation efforts in the U.S. South and mid-life cognitive health among Black and White adults.” Social Science and Medicine. 338.
11. **Jackson, H.M.** & Starkey, K. (2023) “Out-of-Pocket Medical Expenditures in the Redesigned Current Population Survey: Evaluating Improvements to Data Processing.” Medical Care Research and Review.80(5): 548-557

12. Goyal, S., Handcock, M., **Jackson, H.M.**, Rendall, M., & Yeung, F. (2023) "A Practical Revealed Preference Model for Separating Preferences and Availability Effects in Marriage Formation." *Journal of the Royal Statistical Society: Series A*.
<https://academic.oup.com/jrssa/advance-article/doi/10.1093/jrssa/qnad031/7083937>
13. Kissling, A. & **Jackson, H.M.** (2022) "Estimating Prevalence of Abortion using List Experiments: Findings from a Survey of Women in Delaware and Maryland." *Women's Health Issues*. 33(1):33-40.
14. **Jackson, H.M.** & Engelman, M. (2021) "Deaths, Disparities, and Cumulative (Dis)Advantage: How Social Inequities Produce an Impairment Paradox in Later Life." *Journal of Gerontology: Series A*.
15. Stoebenau, K., Madhavan, S., Smith-Greenaway, E., & **Jackson, H.M.** (2021) "Economic Inequality and Divergence in Family Formation in sub-Saharan Africa". *Population and Development Review*. 47(4):881-886.
Awards: 2021 IPUMS Research Awards: best contribution in the category of published research using IPUMS DHS data
16. **Jackson, H.M.**, Young, N., & Taylor, D. (2021) "Beyond Question Wording: How Survey Design and Administration Shape Estimates of Disability." *Disability and Health Journal*, 101115.
17. Berchick, E. & **Jackson, H.M.** (2021) "Data Processing Improvements for Estimates of Health Insurance Coverage in the Current Population Survey Annual Social and Economic Supplement". *Medical Care Research and Review*, 10775587211000812.
18. **Jackson, H.M.** & Berchick, E. (2020) "Improvements in Uninsurance Estimates for Fully Imputed Cases in the Current Population Survey Annual Social and Economic Supplement". *Inquiry: The Journal of Health Care Organization, Provision, and Financing*, 57, 1-8.
19. Engelman, M. & **Jackson, H.M.** (2019) "Gradual Change or Punctuated Equilibrium? Reconsidering Patterns of Health in Later Life." *Demography*, 56(6), 2323-2347.
20. **Jackson, H.M.**, Engelman, M., & Bandeen-Roche, K. (2017). "Robust Respondents and Lost Limitations: The Implications of Nonrandom Missingness for the Estimation of Health Trajectories." *Journal of Aging and Health*, 31(4), 685-708.
21. Owens, J. & **Jackson, H.M.** (2017). "Attention-Deficit/Hyperactivity Disorder Severity, Diagnosis, & Later Academic Achievement in a National Sample." *Social Science Research*, 61, 251-265.
22. **Jackson, H.M.**, Mandell, K., Johnson, K., Chatterjee, D., & Vanness, D. J. (2015). "Cost-Effectiveness of Injectable Extended-Release Naltrexone Compared with Methadone Maintenance and Buprenorphine Maintenance Treatment for Opioid Dependence." *Substance Abuse*, 36(2), 226-231.

Other Publications and Products

1. Walsemann, K., Abbruzzi, E., Tyagi, P., **Jackson, H.M.**, and Ailshire, J. State Education Contextual Data Resource (S-ECDR). Download at: <https://www.openicpsr.org/openicpsr/project/233063/version/V1/view>
2. Handcock, M., Admiraal, R., Yeung, F., **Jackson, H.M.**, Rendall, M.S. & Goyal, S. (2023). rpm: Modeling of Revealed Preferences Matching, Version 0.7-1. Project home page at: <https://github.com/handcock/rpm>.
Download at: <https://CRAN.R-project.org/package=rpm>.
3. (2019). "America's Children: Key National Indicators of Well-Being, 2019." Federal Interagency Forum on Child and Family Statistics. https://www.childstats.gov/pdf/ac2019/ac_19.pdf
4. **Jackson, H.M.** (2018). "Health Status and Medical Services Utilization: 2013." *Current Population Reports*. <https://www.census.gov/content/dam/Census/library/publications/2018/demo/P70-153.pdf>
5. **Jackson, H.M.** (2017). "What are Paradata?—An Example." *Research Matters Census Blog*. <https://www.census.gov/newsroom/blogs/research-matters/2017/04/paradata.html>

Under Review

Selected Recent Presentations

1. Xiong, Y., Rendall, M., and **Jackson, H.M.** “Another Hispanic Paradox? Longer Survival in the Household Population Among Older Hispanic Adults with Dementia.” Population Association of America. Planned April 2025.
2. Walsemann, K., **Jackson, H.M.**, Boardman, J., and Herd, P. “APOE genotype and cognitive decline: Education context as a moderator of genetic risk.” Population Association of America. Planned April 2025.
3. Cha, H., Farina, M., Ailshire, J., Walsemann, K. and **Jackson, H.M.** “State-level Education Quality and Risk of Cognitive Impairment and Dementia in the U.S.” Interdisciplinary Association for Population Health Science. September 2024.
4. Eeckhout, M., Rendall M., and **Jackson, H.M.** “Desire for sterilization reversal: The roles of LARC use, personal abortion acceptability, and economic disadvantage” Population Association of America. April 2024.
5. “The Role of Education in Regional Variation in Prevalence of Dementia and CIND: An Examination of both Educational Attainment and Education Context.” Ailshire, J., Farina, M., **Jackson, H.M.**, and Walsemann, K. Population Association of America. April 2024.
6. “Lifetime abortion incidence when covered by Medicaid: Maryland versus five comparison states.” **Jackson, H.M.*** and Rendall, M. Population Association of America. April 2024.
7. “Social Inequities and the Impairment Paradox in Later Life.” Engelman, M. and **Jackson, H.M.** Gerontological Society of America. November 2023.
8. “Addressing Abortion Underreporting in Surveys with the List Experiment: Lifetime and Five-Year Abortion Incidence.” **Jackson, H.M.*** and Rendall, M. Population Association of America. April 2023.
9. “Quality of state-level educational contexts and trajectories of cognitive function among Black and White older adults.” Walsemann, K., **Jackson, H.M.**, Abbruzzi, E., and Ailshire, J. Population Association of America. April 2023.
10. “Urbanicity and demographic divergence in economically unequal sub-Saharan African countries.” Stoebenau, K., **Jackson, H.M.**, Smith-Greenway, E., St-Onge Ahmad, S.. Population Association of America. April 2023.
11. “Revealed Preference Models for Separating Preferences and Availability Effects in Marriage Formation.” Handcock, M., Goyal, M., Rendall, M., **Jackson, H.M.**, and Zhang, X. Joint Statistical Meetings. August 2022.
12. “Stock-Flow Sampling and Marriage Preference Parameter Estimation in a Two-sided Logit.” Rendall, M., Goyal, S., Handcock, M., and **Jackson, H.M.** Population Association of America. May 2022.
13. “Examining Women’s Retrospective Pregnancy Intendedness Using Cohort Data.” Eeckhout, M., Rendall, M., and **Jackson, H.M.** Population Association of America. May 2022.

* Indicates presenting author

Funding

Submitted

- Sponsor: NIH R01. \$2,744,773. "Early Childhood Education and Cognitive Aging: Variation in Policy, Timing, and Risk." Role: Co-I; PI: Katrina Walsemann.
- Sponsor: NIH R01. \$3,843,838. "Where We Begin or Where We Go? Understanding How Context over the Life Course Shapes Midlife Mortality through Risk and Resilience." Role: Co-I; PI: Kerry Green.
- Sponsor: Bill and Melinda Gates Foundation. \$150,000.00. "Measuring and modeling volatility to advance a holistic approach to women’s health." Role: Co-I; PI: Sangeetha Madhavan.
- Sponsor: NIH R03. \$250,000.00. "Preparing Data from the Kinship Support Project in Nairobi, Kenya for Public Use." Role: Co-I; PI: Sangeetha Madhavan.

Current Funding

- Sponsor: NIA P30AG097132. 9/1/2025-9/1/2027. FY25 \$456,064. "Southern Population Aging Research Center." Role: CO-I; PI: Katrina Walsemann.
- Sponsor: NICHD R21HD111912. \$451,358. 9/26/2023 – 8/31/2025. “Evaluating indirect survey question methods on reproductive health behavior.” Role: MPI (with Michael Rendall).

Sponsor: NIH/NIA R01AG067536. FY23 \$419,156. 06/01/2020–04/30/2025. "State and Local Educational Contexts of Older U.S. Adults and Their Association with Cognitive Impairment and Dementia" Role: Investigator; PI: Katrina Walsemann.

Completed Funding

- Sponsor: NICHD R03HD112882. \$156,000. 9/19/2023 – 8/31/2025. "Development of methods to assess geographic variation in reproductive health behaviors and outcomes over the life course." Role: MPI (with Michael Rendall).
- Sponsor: Maryland Population Research Center Seed Grant. \$12,565.38. 12/1/2023 - 12/1/2024. "Premature Mortality and its Correlates: A Study of Individual and Contextual Factors Associated with Early Mortality among Black Adults in the United States." Role: PI.
- Sponsor: Maryland Population Research Center Seed Grant. \$12,565.38. 08/01/2022 - 07/01/2023. "Evaluating the list experiment method for reproductive health behavior in six U.S. states." Role: PI.
- Sponsor: NIH/NICHD P2C-HD041041. \$428,781. 08/01/2019-08/31/2023. "Maryland Population Research Center." Roles: Statistical Coordinator (2019-2021), Faculty Associate (2022-2024), Faculty Director of the Scientific and Technical Core (2022-2024); PI: Michael Rendall.
- Sponsor: Anonymous Private Foundation Award 16113212. 06/01/2016–05/31/2023. "Evaluation of the Delaware Plan to reduce unintended pregnancy." Role: Investigator; PI: Michael Rendall.
- Sponsor: NIH/NICHD R03HD099449. \$154,500. 07/01/2019–05/30/2022. "Trends in the stratification of premarital childbirth." Role: Investigator; PI: Kirsten Stoenbau.

Awards

Department of Commerce, Bronze Medal with Health Insurance Evaluation Team	2019
Robert Wood Johnson Foundation, Dissertation Grant	2015
University of Wisconsin at Madison, Phi Beta Kappa	2011
University of Pennsylvania, Magna Cum Laude	2010
University of Pennsylvania, Digby Baltzell Best Undergraduate Sociology Thesis	2010
University of Pennsylvania, University Scholar	2009
University of Pennsylvania, Benjamin Franklin Scholar	2006

Technical Skills

R - Advanced. Function development, literate programming, statistical analysis, and data visualization.
Qualtrics - Intermediate. Used for survey development.
SQL - Intermediate. Proficient in database management using SQL and manipulating and joining data.
Stata - Advanced. Data cleaning and statistical analysis.
SAS - Intermediate. Data cleaning and statistical analysis.
Linux - Intermediate.

Professional Activities

Referee

American Journal of Epidemiology, Preventative Medicine Reports, BMC Public Health, Paediatric and Perinatal Epidemiology, Gender & Society, European Journal of Ageing, Journal of Aging and Health, Journal of Gerontology: Social Sciences, Neuroscience and Biobehavioral Reviews

Service

National Institutes of Health, Study Section Reviewer	2025
University of Maryland, Mentor Professional Track Faculty Program	2024-Present
University of Michigan, NICHD DSDR Steering Committee Member	2023-Present
University of Maryland, Research Computing Working Group Member	2023-Present
University of Maryland, Federal Statistics Restricted Data Center Board Member	2023-Present

University of Maryland, IRB Liaison for Maryland Population Research Center
U.S. Census Bureau, Coordinator for America's Children Forum
U.S. Census Bureau, Federal Interagency Health Equities Task Force Member

2021-Present
2018-2019
2017-2019