

# Curriculum Vitae

## Jason R. Thomas

### Contact Information

Institute for Population Research  
1885 Neil Ave. Mall  
Columbus, OH 43210  
Website: <https://jarathomas.github.io>

Office: 69 Townshend Hall  
Email: [thomas.3912@osu.edu](mailto:thomas.3912@osu.edu)

### Employment

2018 – present    Research Scientist  
                          Institute for Population Research  
                          Ohio State University  
2017 – 2018        Data and Programming Consultant  
                          contracted with Vital Strategies (New York)  
2012 – 2016        Assistant Professor of Sociology & Demography  
                          Pennsylvania State University  
2012 – 2016        Research Associate  
                          Population Research Institute  
2009 – 2012        Postdoctoral Trainee  
                          Center for Demography of Health and Aging  
                          University of Wisconsin

### Education

Ph.D.    Sociology, 2009    University of Washington, Seattle  
M.A.    Sociology, 2006    University of Washington, Seattle  
M.S.    Statistics, 2005    University of Washington, Seattle  
B.A.    Sociology, 2000    University of Washington, Seattle

### Publications

#### *Peer-Reviewed Articles*

- Groenewald, Pam, Jason Thomas, Samuel J. Clark, Diane Morog, Janeé D. Joubert, Chodziwadziwa Kabudula, Zehang Li, and Debbie Bradshaw. 2023. "Agreement between cause of death assignment by computer-coded verbal autopsy methods and physician coding of verbal autopsy interviews in South Africa." *Global Health Action* 16(1) <https://doi.org/10.1080/16549716.2023.2285105>. (PMCID: PMC10795603; PMID: 38038664)
- Li, Zehang Richard, Jason Thomas, Eungang Choi, Tyler McCormick, and Samuel J. Clark. 2023. "The openVA Toolkit for Verbal Autopsy." *The R Journal* 2073-4859.

- 
- Moritz, Mark, Chelsea E. Humber, Daniel C. Peart, Abigail Buffington, Andrew J. Yoik, Jason R. Thomas, Rebecca Garabed, and Ian M. Hamilton. 2023. "Coupled Demographic Dynamics of Herds and Households Constrain Livestock Population Growth in Pastoral Systems." *Human Ecology* 51:641-653.
  
  - Chandramohan, Daniel, Edward Fottrell, Jordana Leitao, Erin Nichols, Samuel J. Clark, Carine Alsokhn, Daniel Cobos Munoz, Carla AbouZahr, Aurelio Di Pasquale, Robert Mswia, Eungang Choi, Frank Baiden, Jason Thomas, Isaac Lyatuu, Zehand Li, Patrick Larbi-Debrah, Yue Chu, Samuel Cheburet, Osman Sankoh, Azza Mohamed Badr, Doris Ma Fat, Philip Setel, Robert Jakob, Don de Savigny. 2021. "Estimating causes of death where there is no medical certification: evolution and state of the art of verbal autopsy." *Global Health Action*. 14(sup1):1982486. (PMCID: PMC8986278; PMID: 35377290)
  
  - Collins-Farmer, Heather, Linda Wray, and Jason R. Thomas. 2019. "Do Race and Everyday Discrimination Predict Mortality Risk? Evidence From the Health and Retirement Study." *Gerontology & Geriatric Medicine* 5:1-9. (PMCID: PMC6598315; PMID: 31276018)
  
  - Högnäs, Robin S. and Jason R. Thomas. 2016. "Birds of a Feather Have Babies Together?: Childhood Family Structure, Assortative Mating, and Union Stability." *Journal of Family Issues* 37(1):29-52. (PMCID: PMC4666318; PMID: 26640313)
  
  - Thomas, Jason R. and Robin S. Högnäs. 2015. "The Effects of Parental Divorce on the Health of Adult Children." *Longitudinal and Life Course Studies* 6(3):279-302. (PMCID: PMC4651447; PMID: 26594245)
  
  - Palloni, Alberto and Jason R. Thomas. 2013. "Estimation of Covariate Effects with Current Status Data and Differential Mortality." *Demography* 50(2):521-540. (PMCID: PMC3928800; PMID: 23161453)
  
  - Clark, Samuel J., Jason R. Thomas, and Le Bao. 2012. "Estimates of Age-Specific Reductions in HIV Prevalence in Uganda: Bayesian Melding Estimation and Probabilistic Population Forecast with an HIV-enabled Cohort Component Projection Model." *Demographic Research* 27:743-774. (PMCID: PMC3819033; PMID: 24223495)
  
  - Thomas, Jason R. and Samuel J. Clark. 2011. "More on the Cohort-Component Model of Population Projection in the Context of HIV/AIDS: New Estimates and Projections." *Demographic Research* 25:39-102. (PMCID: PMC3295599; PMID: 22403516)

*Book Chapters*

- Alwin, Duane, Jason R. Thomas, and Kyler Sherman-Wilkins. 2018. "Race, Social Relations, and the Life Course." Pp. 285-313 in D.F. Alwin, D.H. Femlee, and D.A. Kreager(eds) *Social Networks and the Life Course*. New York: Springer.
- Alwin, Duane F., Jason R. Thomas, and Linda A. Wray. 2016. "Cognitive Development and the Life Course: Growth, Stability and Decline." Pp. 451-488 in M.J. Shanahan, J.T. Mortimer, and M.K. Johnson (eds) *Handbook for the Life Course*, Vol. 2. New York: Springer
- Thomas, Jason R. and Le Bao. 2016. "Modeling the Dynamics of an HIV Epidemic." Pp. 91-114 in Robert Schoen (ed) *Dynamic Demographic Analysis*. New York: Springer.

**Software**

<i>CrossVA</i>	R package on CRAN <a href="https://cran.r-project.org/package=CrossVA">https://cran.r-project.org/package=CrossVA</a> Git Hub Repository <a href="https://github.com/verbal-autopsy-software/InterVA5">https://github.com/verbal-autopsy-software/InterVA5</a>
<i>interva</i>	Python package on PyPI <a href="https://pypi.org/project/interva/">https://pypi.org/project/interva/</a> Git Hub Repository <a href="https://github.com/verbal-autopsy-software/interva">https://github.com/verbal-autopsy-software/interva</a>
<i>InterVA5</i>	R package on CRAN <a href="https://cran.r-project.org/package=InterVA5">https://cran.r-project.org/package=InterVA5</a> Git Hub Repository <a href="https://github.com/verbal-autopsy-software/InterVA5">https://github.com/verbal-autopsy-software/InterVA5</a>
<i>openVA Pipeline</i>	Python package on PyPI <a href="https://pypi.org/project/openva_pipeline">https://pypi.org/project/openva_pipeline</a> Git Hub Repository <a href="https://github.com/verbal-autopsy-software/openva_pipeline">https://github.com/verbal-autopsy-software/openva_pipeline</a>
<i>pyinsilicova</i>	Python package on PyPI <a href="https://pypi.org/project/insilicova">https://pypi.org/project/insilicova</a> Git Hub Repository <a href="https://github.com/verbal-autopsy-software/pyinsilicova">https://github.com/verbal-autopsy-software/pyinsilicova</a>
<i>openVA GUI</i>	Git Hub Repository <a href="https://github.com/verbal-autopsy-software/pyopenva_GUI">https://github.com/verbal-autopsy-software/pyopenva_GUI</a>
<i>vacheck</i>	Python package on PyPI <a href="https://pypi.org/project/vacheck/">https://pypi.org/project/vacheck/</a> Git Hub Repository <a href="https://github.com/verbal-autopsy-software/vacheck">https://github.com/verbal-autopsy-software/vacheck</a>
<i>vaItemResponse</i>	R package for item response patterns for verbal autopsy data Git Hub Repository <a href="https://github.com/verbal-autopsy-software/vaItemResponse">https://github.com/verbal-autopsy-software/vaItemResponse</a>

## Teaching & Training Experience

### *Ohio State*

Python openVA GUI (Dar es Salaam, TZ)	(8/2023)
WHO Item Response Analysis	(7/2020; 11/2020)
Transition to R	(10/2019)
openVA	(New Delhi - 11/2018; Jakarta - 3/2019)
Introduction to R	(5/2018; 9/2018)
Introduction to the Unity Cluster	(6/2018)
Training of Trainers: Verbal Autopsy	(10/2018)

### *Penn State*

#### *Undergraduate*

Soc 005: Social Problems	(S13,F13,S14,F14, F15,F16)
Soc 470: Intermediate Social Statistics	(F13,F15,F16)

#### *Graduate*

Soc 576: Applied Mathematical Demography	(S13)
Soc 577: Event History Analysis	(S14,S16)

## Disciplinary Service

<i>Organizer</i>	Institute for Population Research Methods Workshop
<i>Deputy Editor</i>	Sociological Methodology (2017)
<i>Ad-Hoc Reviewer</i>	Demography; Demographic Research; The Sociological Quarterly; Population Research and Policy Review; Gerontology & Geriatric Medicine; Eastern Economic Journal; Archaeological and Anthropological Sciences
<i>Discussant</i>	Session 61: Geographic Patterns of Morbidity and Mortality, 2019 Annual Meeting of the Population Association of America Session 533: Population Processes, 2013 Annual Meeting of the American Sociological Association
<i>Co-Organizer</i>	Sessions 405 & 455: Mortality Trends and Differentials (I & II), 2014 Annual Meeting of the Population Association of America

## Awards

- NICHD Fellowship, from the CSDE, 2002–2003
- President's Graduate Scholar Award from the Graduate Opportunities & Minority Achievement Program (GO-MAP), University of Washington, 2001–2003
- Hubert M. Blalock Fellowship from the CSSS, 2001