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RESEARCH INTERESTS

Social demography, Health disparities, Life course, Contextual effects

EDUCATION

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|------|---|-----------------------------------|
| 2025 | (Expected) Ph.D. — Sociology & Demography | The Pennsylvania State University |
| | Dissertation: <i>Spatial configurations of inequality and populations: Life course contextual exposures and adult health</i> | |
| | Committee: Drs. Scott T. Yabiku, Michelle Frisco, Louisa M. Holmes, & Ashton M. Verdery | |
| 2022 | M.A. — Sociology & Demography | The Pennsylvania State University |
| | Master's Thesis: <i>Allostatic load and internal migration: Health impacts of residential and social transitions in early adulthood</i> | |
| | Committee: Drs. Scott T. Yabiku, Michelle Frisco, & Steven A. Haas | |
| 2018 | B.A. — Interdisciplinary Studies: Biology, Chemistry, & Psychology | Goshen College |
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PUBLICATIONS

Peer-Reviewed

Shetler, A.E. & Yabiku, S.T. (2023). Egalitarian Attitudes and Activity Spaces in Chitwan, Nepal. *Spatial Demography*. doi:10.1007/s40980-023-00115-7.

Under Review

Shetler, A.E., & Anderson, C. *Fertility in the fold: Spatial proximity predicts household reproductivity in an Amish enclave*. Revise and resubmit.

Other

Hodges, L., Guthrie, J. **Shetler, A.E.**, & Thoma, M. (2023). *Rates of Breastfeeding Initiation Increased Among Low-Income Women, 2009–17; Racial and Ethnic Disparities Persist*. Economic Research Service. [Amber Waves, Finding: WIC Program](#).

Jackson, J. & **Shetler, A.E.** (2023). *Beyond COVID and Opioids: Contextualizing Life Expectancy Decline in the United States*. The Medical Care Blog - the official blog of the peer-reviewed journal *Medical Care*, sponsored by the Medical Care Section of the American Public Health Association. [Blog post](#). [First Place in 2023 Medical Care Blog Student Contest.]

Hodges, L. & **Shetler, A.E.** (2023). *Total participation in WIC increased in fiscal year 2022, first rise in more than a decade*. Economic Research Service. [ERS Chart of Note](#).

Shetler, A.E., Krencisz, C., & Chandler, R.F. (2021). *2020 Census and The Commonwealth: Pennsylvania Population Estimates*. Pennsylvania Population Network. [Online StoryMaps](#).

Krencisz, C., **Shetler, A.E.**, Taseen, S., & Chandler, R.F. (2021). *COVID-19 and The Commonwealth: County-Level Differences in Vaccination and Death Rates*. Pennsylvania Population Network. [Online Policy Brief](#).

RESEARCH EXPERIENCE

- 2022-24 T32 National Institute of Child Health and Human Development Predoctoral Trainee
Population Research Institute, The Pennsylvania State University
Supervisor: Dr. Scott T. Yabiku
Receive training in social environments and population health
Conduct independent research projects focusing on contextual effects and wellbeing
Use R, MGWR, and GeoDa to gather and analyze data

- 2023 Summer Intern
Economic Research Service, United States Department of Agriculture
Supervisor: Drs. Leslie Hodges & Joanne F. Guthrie
Received training in food and nutrition assistance programs
Assessed tract-level access to WIC vendors and broadband across the United States
Contributed to visualizations and writing of ERS publications

- 2020-22 Research Assistant
Department of Sociology & Criminology, The Pennsylvania State University
Supervisor: Dr. Scott T. Yabiku
Analyzed demographic and geospatial data from the Chitwan Valley Family Study
Gained experience in R, OpenStreetMaps, and high performance computing
Pursued other research projects under the guidance of Dr. Yabiku

- 2021 Summer Intern
Pennsylvania Population Network, The Pennsylvania State University
Supervisor: Dr. Raeven Faye Chandler
Prepared maps and other visualizations about Pennsylvanian (PA) demographics
Interpreted PA demographic data for public consumption through policy briefs
Collaborated with the PA State Data Center to analyze the accuracy of the 2020 Census

- 2018-20 Post-Baccalaureate Intramural Research Trainee
Social Network Methods Section, Social & Behavioral Research Branch, National Human Genome Research Institute, National Institutes of Health
Supervisor: Dr. Laura M. Koehly
Interviewed caregivers of medically-fragile children for social network and health data
Managed and cleaned quantitative and qualitative data
Analyzed lab data using mixed-methods via R and NVivo

AWARDS

- 2024 Faculty-Alumni Enrichment Award (\$1200) Department of Sociology & Criminology
The Pennsylvania State University
- RGSO Dissertation Support (\$750) Office of Research and Graduate Studies
The Pennsylvania State University

CONFERENCE POSTERS AND PRESENTATIONS

- 2024 **Shetler, A.E.** *How far and how great: Residential transitions in young to mid-adulthood.* Poster presented at IAPHS Annual Meeting; St. Louis.
- Park, J. & **Shetler, A.E.** *The Life Course of Queer Migration in the United States.* Paper presented at ASA Annual Meeting; Montreal.
- Shetler, A.E.** & Anderson, C. *Spatial and social diffusion of fertility decline: A case study of the Greater Holmes County Amish.* Poster presented at PAA Annual Meeting; Columbus.
- 2023 **Shetler, A.E.** *Internal Migration & County-Level Life Expectancy.* Poster presented at IAPHS Annual Meeting; Baltimore.
- Shetler, A.E.** *Life Expectancy and Third Places: The Sociality of Mortality.* Paper presented at PAA Annual Meeting; New Orleans.
- 2022 **Shetler, A.E.** *The Affordable Care Act and Allostatic Load: Improved Health of Those Living in States with 2014 ACA Medicaid Expansion.* Paper presented at IAPHS Annual Meeting; Minneapolis.
- Shetler, A.E.** *Allostatic Load and Internal Migration: Health Impacts of Residential and Social Transitions in Early Adulthood.* Paper presented at ASA Annual Meeting; Los Angeles.
- Shetler, A.E.,** Bodenhamer, A., & Chandler, R.F. *Coal country despair: A contextual comparison of mining counties across the US.* Poster presented at PAA Annual Meeting; Atlanta.
- 2021 **Shetler, A.E.** & Yabiku, S.T. *Place and perception: Connections between activity space and beliefs in Chitwan, Nepal.* Poster presented at PAA Annual Meeting; Online.
- 2020 **Shetler, A.E.,** Gurayah, A., Marcum, C.S., & Koehly, L.M. *Resource accessibility for families affected by rare disease: A mixed-methods approach exploring how relocation impacts health.* Poster presented at NIH Postbac Poster Day; Online.
- 2019 **Shetler, A.E.,** Marcum, C.S., & Koehly, L.M. *The influence of ecological factors and social networks on self-rated health.* Poster presented at NHGRI Symposium; Bethesda.
- Shah, N., **Shetler, A.E.,** & Koehly, L.M. *Caregiving for fragile children: Benefits and barriers to utilizing state services.* Poster presented at NIH Summer Poster Day; Bethesda.
- Manalel, J., **Shetler, A.E.,** Gurayah, A., & Koehly, L.M. *Stress & coping among parent-caregivers: Links to mental health.* Poster presented at Social & Behavioral Research Branch Quadrennial Review; Bethesda.
- Shetler, A.E.,** Gurayah, A., Manalel, J., & Koehly, L.M. *Social relations in the context of rare disease: Caregiver's personal support networks.* Poster presented at NIH Postbac Poster Day; Bethesda.

INVITED TALKS

- 2022 [Egalitarian Beliefs and Activity Spaces in Nepal](#)
Chitwan Valley Family Study Webinar Series
Institute for Social Research, University of Michigan
- Figures and Graphics in R, co-led with Dr. Megan Evans
Coding & Data Committee Summer R Workshops
Department of Sociology & Criminology, The Pennsylvania State University

Exploratory Data Analysis in R
 Coding & Data Committee Summer R Workshops
 Department of Sociology & Criminology, The Pennsylvania State University

TEACHING EXPERIENCE

- 2024 Guest Lecturer on Queer Internal Migration — Introduction to Sociology
 Department of Sociology & Criminology, The Pennsylvania State University
 Professor: Jason Park
- 2023 Guest Lecturer on Internal Migration — Population & Policy Issues
 Department of Sociology & Criminology, The Pennsylvania State University
 Professor: Dr. Steven A. Haas
- 2019 Instructor — Summer Student R Workshop
 Social and Behavioral Research Branch, National Human Genome Research Institute
 Supervisor: Dr. Christopher S. Marcum
- 2015-18 Teaching Assistant — Chem 101: Introductory Chemistry
 Department of Chemistry, Goshen College
 Supervisor: Dr. Doug Schirch

TECHNICAL SKILLS

Statistical Software: R, Stata
 Geospatial Systems: ArcGIS, Carto, GeoDa, Google APIs, Mapbox, MGWR, QGIS

SERVICE TO THE DISCIPLINE

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| 2023-25 | Member | IAPHS Blog Editorial Board |
| 2023-25 | Secretary & Social Media Chair | IAPHS Student Committee |
| 2021-25 | Reviewer | Penn State Sociology Student Paper Competition |
| 2020-25 | Member | Penn State Demography Graduate Student Methods Workshop Committee |
| 2022-23 | Student Representative | ASA Community & Urban Sociology Section |
| 2023 | Presider | ASA Community & Urban Sociology Section Roundtable on Gentrification |
| 2022 | Member | Penn State Sociology Search Committee for Professor of Race/Ethnicity |

PROFESSIONAL MEMBERSHIPS

Interdisciplinary Association for Population Health Science (IAPHS)
 Population Association of America (PAA)
 American Sociological Association (ASA)

OTHER NOTABLE ACTIVITIES

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| 2024 | Panel Study of Income Dynamics (PSID) Data User Workshop | University of Michigan |
| 2023-24 | Organizing Volunteer | Mennonite Action |
| 2019 | Cartography MOOC | Esri Online |
| 2018 | Health Science Communication and Policy Workshop | National Institutes of Health |