

January, 2019

ASHTON M. VERDERY

The Pennsylvania State University
Department of Sociology and Criminology
712 Oswald Tower
University Park, PA 16801
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814-863-5385

APPOINTMENTS

2015- Assistant Professor of Sociology, Demography, and Social Data Analytics

Department of Sociology and Criminology

The Pennsylvania State University

Associate, Population Research Institute

Associate, Institute for Cyber-Science

Associate, Criminal Justice Research Center

Affiliate, Center for Social Data Analytics

Program Faculty, Graduate Certificate in Applied Demography

Program Faculty, Big Data Social Science / Social Data Analytics

Program Faculty, Consortium Combating Substance Abuse

2018- Deputy Editor, *Sociological Methodology*, American Sociological Association

EDUCATION

2015 Ph.D., Sociology, University of North Carolina at Chapel Hill.

2010 M.A., Sociology, University of North Carolina at Chapel Hill.

2007 B.A., Sociology, McGill University, First Class Honours.

2006 Russian Language Study, St. Petersburg State University, St. Petersburg, Russia.

RESEARCH AND TEACHING INTERESTS

Social Networks, Computational Sociology, Quantitative Methodology, Social Demography

PEER REVIEWED PUBLICATIONS

Verdery*, **Ashton M.** and Colin Campbell*. "Social Support in America: Stability in Access over Two Decades." (*Authors contributed equally). Conditionally accepted at *Social Forces*.

Margolis, Rachel and **Ashton M. Verdery**. "Cohort Changes in the Demography of Grandparenthood: Past, Present and Future." Conditionally accepted at *Demography*.

Daw, Jonathan, **Ashton M. Verdery**, and Sarah Patterson. "Beyond Household Walls: The Spatial Structure of American Kinship Networks." Conditionally accepted at *Mathematical Population Studies*.

McLean, Katherine, Shannon Monnat, Khary Rigg, Glenn Sterner, and **Ashton M. Verdery**. "'You never know what you're getting': Opioid users' perceptions of fentanyl in southwest Pennsylvania." Forthcoming at *Substance Use and Misuse*.

Verdery, Ashton M., Rachel Margolis, Xiangnan Chai, Zhangjun Zhou, and Jongjit Rittirong. "Kinlessness around the World." Forthcoming at *Journals of Gerontology: Social Sciences*. DOI: <https://doi.org/10.1093/geronb/gby138>

Lubbers, Miranda, **Ashton M. Verdery**, and Jose Luis Molina. "Transnational Social Fields: A Review of Network-Based Operationalizations." Forthcoming at *International Migration Review*. DOI: <https://doi.org/10.1177/0197918318812343>

Zhou, Zhangjun, **Ashton M. Verdery**, and Rachel Margolis. 2018. "No Spouse, No Son, No Daughter, No Kin in Contemporary China: Prevalence, Correlates, and Differences in Economic Support." Forthcoming at *Journal of Gerontology: Social Sciences*. <https://doi.org/10.1093/geronb/gby051>

Verdery, Ashton M. and Rachel Margolis. 2017. "Projections of black and white older adults without living kin in the United States, 2015-2060." *The Proceedings of the National Academy of Sciences*, 114(2):11109-11114. DOI: <https://dx.doi.org/10.1073/pnas.1710341114>

Verdery, Ashton M., Nalyn Siripong, and Brian W. Pence. 2017. "Social network clustering and the spread of HIV/AIDS among persons who inject drugs in two cities in the Philippines." Forthcoming at *JAIDS-Journal of Acquired Immune Deficiency Syndrome*. DOI: <https://dx.doi.org/10.1097/QAI.0000000000001485>

Reprinted in: UNAIDS Science Now, *HIV This Month*, Peter Godfrey-Faussett and Celeste Sandoval (Eds.). Issue 7, July 2017.

https://scienzenow.unaids.org/sites/default/files/HIV%20This%20Month%20-%20July%202017_0.pdf (Approximately 2% of 1,000 HIV related articles are reprinted in this UNAIDS publication each month).

Margolis, Rachel and **Ashton M. Verdery**. 2017. "Older Adults without Close Kin in the United States." *Journals of Gerontology: Social Sciences*. 72(4):688-693. DOI: <https://doi.org/10.1093/geronb/gbx068>

Verdery, Ashton M., Ted Mouw, Heather Edelblute, and Sergio Chavez. 2017. "Communication Flows and the Durability of a Transnational Social Field." Forthcoming at *Social Networks*. DOI: <http://dx.doi.org/10.1016/j.socnet.2017.03.002>

Verdery, Ashton M., Jacob C. Fisher, Nalyn Siripong, Kahina Abdesselam, and Shawn Bauldry. 2017. "New Survey Questions and Estimators for Network Clustering with Respondent-Driven Sampling Data." *Sociological Methodology*. 47(1):274-306. Preprint and replication code available at <https://osf.io/w3d86/> and preprint available at <https://arxiv.org/abs/1610.06683>. DOI: <http://dx.doi.org/10.1177/0081175017716489>

- Merli, M. Giovanna, **Ashton M. Verdery**, Jing Li, Jennifer Shen, and Ted Mouw. 2016. "Sampling Migrants from their Social Networks: The Demography and Social Organization of Chinese Migrants in Dar es Salaam, Tanzania." *Migration Studies*, 4(2):182-214. DOI: <http://dx.doi.org/10.1093/migration/mnw004>
- Entwisle, Barbara, Nathalie E. Williams, **Ashton M. Verdery**, Ronald R. Rindfuss, Stephen J. Walsh, George P. Malanson, Peter J. Mucha, Brian G. Frizzelle, Philip M. McDaniel, Xiaozheng Yao, Benjamin W. Heumann, Pramote Prasartkul, Yothin Sawangdee, and Aree Jampaklay. 2016. "Climate Shocks and Migration: An Agent-Based Modeling Approach." *Population and Environment*, 38:47-71. DOI: <http://dx.doi.org/10.1007/s11111-016-0254-y>
- Daw, Jonathan K., **Ashton M. Verdery**, and Rachel Margolis. 2016. "Kin Count(s): Educational and Racial Differences in Extended Kinship in the United States." *Population and Development Review*, 42(3):491-517. DOI: <http://dx.doi.org/10.1111/j.1728-4457.2016.00150.x>
- Verdery, Ashton M.**, Ted Mouw, Shawn Bauldry, and Peter J. Mucha. 2015. "Network Structure and Biased Variance Estimation in Respondent Driven Sampling." *PLoS-ONE*, 10(12):e0145296. DOI: <http://dx.doi.org/10.1371/journal.pone.0145296>.
- Verdery, Ashton M.** 2015. "Links Between Kinship and Demographic Transitions." *Population and Development Review*, 41(3): 465-484. DOI: <http://dx.doi.org/10.1111/j.1728-4457.2015.00068.x>.
- Verdery, Ashton M.**, M. Giovanna Merli, James Moody, Jeffrey A. Smith, Jacob C. Fisher. 2015. "Assessment of Multiple Respondent-Driven Sampling Estimators Under Real and Ideal Recruitment Conditions in an Empirical Population of Female Sex Workers in China." *Epidemiology*, 26(5):661-665. DOI: <http://dx.doi.org/10.1097/EDE.0000000000000335>.
- Daw, Jonathan, Rachel Margolis, and **Ashton M. Verdery**. 2015. "Siblings, Friends, Course-mates, Club-Mates: How Adolescent Health Behavior Homophily Varies by Race, Class, Gender, and Health Status." *Social Science and Medicine*, 125:32-39. DOI: <http://dx.doi.org/10.1016/j.socscimed.2014.02.047>
- Malanson, George P., **Ashton M. Verdery**, Steven J. Walsh, Yothin Sawangdee, Benjamin W. Heumann, Philip M. McDaniel, Brian G. Frizzelle, Nathalie E. Williams, Xiaozheng Yao, Barbara Entwisle, and Ronald R. Rindfuss. 2014. "Changing Crops in Response to Climate: Virtual Nang Rong, Thailand in an Agent Based Simulation." *Applied Geography*, 53:202-212. DOI: <http://dx.doi.org/10.1016/j.apgeog.2014.06.010>
- Mouw, Ted, Sergio Chavez, Heather Edelblute, and **Ashton M. Verdery**. 2014. "Bi-national Social Networks and Assimilation: A Test of the Importance of Transnationalism." *Social Problems*, 61(3):329-359. DOI: <http://dx.doi.org/10.1525/sp.2014.12192>
- Clouston, Sean A., Andrea Lawlor, and **Ashton M. Verdery**. 2014. The Role of Partnership Status on Late-Life Physical Function. *Canadian journal on aging / La Revue canadienne du vieillissement*, 1-13. DOI: <http://dx.doi.org/10.1017/S0714980814000282>
- Walsh, Stephen J., George P. Malanson, Barbara Entwisle, Ronald R. Rindfuss, Peter J. Mucha, Benjamin W. Heumann, Philip M. McDaniel, Brian G. Frizzelle, **Ashton M. Verdery**, Nathalie Williams, Yao Xiaozheng, and Deng Ding. 2013. "Design of an Agent-Based Model to Examine

Population-Environment Interactions in Nang Rong District, Thailand.” *Applied Geography*, 39:183-198. DOI: <http://dx.doi.org/10.1016/j.apgeog.2012.12.010>

Mouw, Ted and **Ashton M. Verdery**. 2012. “Network Sampling with Memory: A Proposal for More Efficient Methods of Sampling from Social Networks.” *Sociological Methodology*, 42(1):206-256. DOI: <http://dx.doi.org/10.1177/0081175012461248>

Heumann, Ben, Steven J. Walsh, **Ashton M. Verdery**, Philip McDaniel, and Ronald R. Rindfuss. 2012. “Land Use Modeling using a Geographic Socio-Environmental Niche-Based Approach: A Case Study from Northeastern Thailand.” *Annals of the Association of American Geographers*, 103(4):764-784. DOI: <http://dx.doi.org/10.1080/00045608.2012.702479>

Verdery, Ashton M., Barbara Entwisle, Ronald R. Rindfuss, and Katherine Faust. 2012. “Social and Spatial Networks: Kinship Distance and Dwelling Unit Proximity in Rural Thailand.” *Social Networks*, 34(1):112-127. DOI: <http://dx.doi.org/10.1016/j.socnet.2011.04.003>

Clouston, Sean, **Ashton M. Verdery**, Sara Amin and G. Robin Gauthier. 2009. “The Structure of Undergraduate Association Networks: A Quantitative Ethnography.” *Connections*, 29(2):18-32.

ARTICLES UNDER REVIEW

Rigg, Khary, Katherine McLean, Shannon Monnat, Glenn Sterner, and **Ashton M. Verdery**. “Nonmedical opioid misuse initiation: Implications for interventions.” Revise and resubmit at *Journal of Addictive Diseases*.

Daw, Jonathan, Benjamin W. Domingue, **Ashton M. Verdery**, Guang Guo, Patrick M. Krueger, Richard G. Rogers, and Jason D. Boardman. “Genetics, Geography, Gender, and Extended Kin Resemblance in Mortality Hazards.” Revise and resubmit at *Demography*.

Santos-Lozada, Alexis R., **Ashton M. Verdery**, and Burt L. Monroe. “Potential ramifications of selective non-response among non-citizen populations in the 2020 decennial Census.” Revise and resubmit at *Proceedings of the National Academy of Sciences*.

Verdery, Ashton M., Sharon Weir, Zahra Reynolds, Grace Mulholland, and Jessie K. Edwards. “Estimating Hidden Population Sizes with Venue Based Sampling: Extensions of the Generalized Network Scale-up Estimator.” Revise and resubmit at *Epidemiology*.

Entwisle, Barbara, **Ashton M. Verdery**, and Nathalie Williams. “Climate Change and Migration: New Insights from a Dynamic Model of Out and Return Migration.” Revise and resubmit at *American Journal of Sociology*.

IN PREPARATION

Verdery, Ashton M. “Multivariate regression with respondent-driven sampling data.”

Patterson, Sarah, Rachel Margolis, and **Ashton M. Verdery**. “Kinlessness and mortality.”

Verdery, Ashton M., Rachel Margolis, and Zhangjun Zhou. “Older Adult Loneliness and Family Structure around the World.”

Patterson, Sarah, **Ashton M. Verdery**, and Jonathan K. Daw. “Linked Lives and Childhood Experience of Kin Mortality on Educational Attainment.”

Verdery, Ashton M. and Ted Mouw. “Benefits of Egocentric Networks in Link-Tracing Sampling Designs: Combining Minimally Identifying Information and Exponential Random Graph Models to Predict Network Structure, Improve Estimators, and Determine Saturation.”

Porter, Nathaniel, **Ashton M. Verdery**, and S. Michael Gaddis. “Enhancing Big Data in the Social Sciences with Crowdsourcing: Data Augmentation Practices, Techniques, and Opportunities.”

OTHER PUBLICATIONS

Alwin, Duane and **Ashton M. Verdery**. 2018. “Prologue.” *Sociological Methodology*, 48(1):XX-XX.

Verdery, Ashton M., Jonathan Daw, Colin Campbell, and Rachel Margolis. 2017. “Family Transfers with Retirement Aged Adults in the United States: Kin Availability, Wealth Differentials, Geographic Proximity, Gender, and Racial Disparities.” Working paper: WP#2017-9. The Center for Retirement Research at Boston College. <http://crr.bc.edu/working-papers/family-transfers-with-retirement-aged-adults-in-the-united-states-kin-availability-wealth-differentials-geographic-proximity-gender-and-racial-disparities/>

Verdery, Ashton M. 2017. “Modeling the Future of China’s Changing Family Structure to 2100.” Forthcoming book chapter in Eberstadt, Nicholas (ed.) *China’s Next Big Demographic Problems: Urbanization and Family Structure*, Washington, DC: The American Enterprise Institute.

Verdery, Ashton M. 2005. “Ethnic Peace and War: Identity Politics in Estonia and Moldova.” *Undercurrent: The Canadian Undergraduate Journal of Development Studies*, 2(3):27-35.

RESEARCH FUNDING

1R01AG060949. “Crossnational Comparisons of Kinlessness and Health: Past, Present, and Future.” **Ashton M. Verdery** (Principal Investigator), Rachel Margolis, Jennifer Glick, and Nancy Luke. National Institute of Aging. \$1,596,407 funding requested (12th percentile scored, awaiting council January 2019). Active dates 2019-2024.

“An Innovative Approach to Tackle the Opioid Epidemic: Utilizing Twitter Data and Integrating Big Data Analytics and Spatial and Social Network Analyses.” Lei, Zhen, Guangqing Chi, Glenn Sterner, **Ashton M. Verdery**, and Junjun Yin. Social Science Research Institute, Level 2 Proposal, The Pennsylvania State University. \$20,000 funding awarded. Active dates 2018-2019.

ANR-APPG 2018. “Chinese Immigrants in the Paris Region (ChIPRe).” Agence National de la Recherche (France). Attané, Isabelle (Principal Investigator), M. Giovanna Merli, Mathieu Ichou, Michel Guillot, Géraldine Charrance, Wilfried Rault, Ted Mouw, **Ashton M. Verdery** (Consultant), and Seth Sanders. €294,000 funding awarded. Active dates 2019-2022.

2017-IJ-CX-0017. “Identifying and Informing Strategies for Disrupting Drug Distribution Networks: An Application to Opiate Flows in Pennsylvania.” **Ashton M. Verdery (Co-Principal Investigator)**, Glenn Sterner (Co-Principal Investigator), Shannon Monnat (Co-Principal

Investigator), Scott Yabiku, Gary Zajac, and Pete Forster. National Institute of Justice. \$990,002 total costs awarded. Active dates 2017-2019.

1 R01 DK114888-01. "Social Network Interventions to Reduce Race Disparities in Living Kidney Donation." Jonathan Daw (Principal Investigator), **Ashton M. Verdery (Co-Investigator)**, Peter Reese, and Robert Gaston. National Institutes of Health, National Center for Health Statistics, Centers for Disease Control and Prevention, Office of Surveillance, Epidemiology, and Laboratory Services. \$750,000 direct costs awarded. Active dates 2017-2022.

1 R03 SH000056-01. "Multivariate Regression with Respondent-Driven Sampling Data." **Ashton M. Verdery (Principal Investigator)**, David Hunter, and Shawn Bauldry. National Institutes of Health, National Center for Health Statistics, Centers for Disease Control and Prevention, Office of Surveillance, Epidemiology, and Laboratory Services. \$100,000 direct costs awarded. Active dates 2016-2017.

1 R21 HD086738-01. "Testing Multiple Modes of Data Collection with Network Sampling with Memory." M. Giovanna Merli (Principal Investigator), Lisa Keister, James Moody, Ted Mouw, Seth Sanders, and **Ashton M. Verdery (Consultant)**. R21. National Institutes of Health. \$275,000 direct costs awarded. Active dates 2017-2018.

"Aging Alone? Older Adults without Close Kin." Margolis, Rachel (Principal Investigator), **Ashton M. Verdery (Collaborator)**, and Jonathan Daw. Social Science and Humanities Research Council (Canada) Insight Grant. C\$ Social Science and Humanities Research Council (Canada) Insight Grant awarded. Active dates 2016-2019.

"Identifying and Informing Strategies for Disrupting Drug Distribution Networks: An Application of Community Policing to Opiate Flows in Pennsylvania." Sterner, Glenn (Co-Principal Investigator), **Ashton M. Verdery (Co-Principal Investigator)**, Shannon Monnat. Application to the College of Liberal Arts, The Pennsylvania State University. \$30,000 funding awarded. Active dates 2016-2018.

BC-S5. "Do kin availability, geographic proximity, and gender composition contribute to racial differences in retirees' family exchanges?" **Ashton M. Verdery (Principal Investigator)**, Jonathan Daw, Rachel Margolis, and Colin Campbell. Application to the Steven H. Sandell Grants Program in Retirement Research. \$45,000 funding awarded. Active dates 2016-2017.

"Understanding Individual and Social Network Characteristics of Young Adult Opiate Users in Rural Pennsylvania." Monnat, Shannon (Co-Principal Investigator), **Ashton M. Verdery (Co-Principal Investigator)**, Glenn Stern, Khary Rigg, Derek Kreager, David Hunter, Mark Feinberg, and Rob Turrisi. Application to the Social Science Research Institute Seed Grant Program, The Pennsylvania State University. \$30,486 funding awarded. Active dates 2017-2018.

"Seed Grant for Development of Understanding Individual and Social Network Characteristics of Young Adult Opiate Users in Rural Pennsylvania." Ashton M. Verdery (**Principal Investigator**). Application to the Justice Center for Research Seed Grant Program, The Pennsylvania State University. \$10,000 funding awarded. Active dates 2017.

“The Role of Social Transnational Fields in the Emergence, Maintenance and Decay of Ethnic and Demographic Enclaves.” Miranda Lubbers (Co-Principal Investigator), Jose Luis Molina (Co-Principal Investigator), Janine Dahinden, Marian-Gabriel Hancean, Marta Lobato, Isidro Maya Jariego, Sara Revilla, Hugo Valenzuela, Jurgen Lerner, Ted Mouw, and **Ashton M. Verdery (Collaborator)**. Funded by the Spanish Ministry of Education, National R&D Excellence Program, CSO2015-68687-P. €80,200 funding awarded. Project website: <http://pagines.uab.cat/mirandalubbers/content/role-social-transnational-fields-emergence-maintenance-and-decay-ethnic-and-demographic-0> Active dates 2015-2020.

“Field Testing Inverse Preferential Respondent-Driven Sampling.” **Ashton M. Verdery (Principal Investigator)**. Seed Grant. Institute for Cyber-Science, The Pennsylvania State University. \$10,000 funding awarded. Active dates 2017.

“Proposal Development for an Experimental Test of Methods and Effects of Data Collection for Studying Living Donor Kidney Transplantation.” **Ashton M. Verdery (Principal Investigator)**. Seed Grant from the Population Research Institute, The Pennsylvania State University. \$7,500 funding awarded. Active dates 2017.

“The Role of Social and Kinship Network Processes in Racial Disparities in Living Donor Kidney Transplantation.” Jonathan K. Daw (Principal Investigator) and **Ashton M. Verdery**. Application to the Arnold G. Diethelm Research Acceleration Grant for Outcomes Studies in Solid Organ Transplantation, Comprehensive Transplant Institute, University of Alabama-Birmingham. \$46,891 funding awarded. Active dates 2015-2016.

AWARDS, HONORS AND DISTINCTIONS

- 2017. Poster Award. The Population Association of America. (Poster awards are given to approximately 5% of about 1,000 posters).
- 2015. Open Access Award. The Pennsylvania State University Libraries Open Access Publishing Fund, The Pennsylvania State University Libraries. (\$375.50).
- 2012. Travel Award. Conference on Hard to Reach Populations (H2R2012). American Statistical Association. (\$500).
- 2012. Travel Award. Computational and Online Social Science Conference (CAOSS). Columbia University. (\$150).
- 2012. Student Representative. Mathematical Sociology Section. American Sociological Association. (Elected post).
- 2011. Graduate Student Paper Award. Mathematical Sociology Section. American Sociological Association. Las Vegas, NV (\$500).
- 2011. National Science Foundation Integrated Graduate Education Research Traineeship (NSF-IGERT): Population and Environment. Carolina Population Center, University of North Carolina, Chapel Hill, NC. Preceptor: Professor Barbara Entwisle (\$30,000 annually from 2008-2011).
- 2010. Award for Communications Excellence. The National Science Foundation, IGERT Trainee Poster Challenge, Washington, DC (\$3,000).
- 2010. CPC-IGERT Research Residency for fieldwork in Thailand (\$2,566).

2008. Poster Award. Population Association of America. New Orleans, LA. (Poster awards are given to approximately 5% of approximately 1,000 posters).
2008. Pre-doctoral Traineeship. NICHD-NRSA. Carolina Population Center, University of North Carolina, Chapel Hill, NC. Preceptor: Professor Barbara Entwisle (\$21,000).
2006. First Class Honours, Department of Sociology, McGill University, Montreal, QC.
2006. Howard E. Roseborough Prize (Awarded to the most outstanding undergraduate research paper written in the department of sociology). McGill University, Montréal, QC. (\$150).

TEACHING EXPERIENCE

2018. Instructor, “Approaches and Issues in Social Data Analytics.” The Pennsylvania State University, University Park, PA.
2018. Instructor, “Population and Policy Issues.” The Pennsylvania State University, University Park, PA.
2017. Instructor, “Population and Policy Issues.” The Pennsylvania State University, University Park, PA.
2016. Instructor, “Population and Policy Issues.” The Pennsylvania State University, University Park, PA.
2015. Instructor, “World Population Diversity.” The Pennsylvania State University, University Park, PA.
2015. Instructor, “Population and Policy Issues.” The Pennsylvania State University, University Park, PA.
2012. Teaching Fellow, “Data Analysis in Sociological Research.” University of North Carolina, Chapel Hill, NC.
2010. Teaching Fellow, “Data Analysis in Sociological Research.” University of North Carolina, Chapel Hill, NC.
2007. Teaching Assistant, “Sociological Perspectives.” Professor Matthew Lange, McGill University, Montréal, QC.
2006. Teaching Assistant, “Sociological Perspectives.” Professor Matthew Lange, McGill University, Montréal, QC.
2007. Teaching Assistant, “Political Sociology.” Professor Matthew Lange, McGill University, Montréal, QC.
2006. Teaching Assistant, “Political Sociology.” Professor Matthew Lange, McGill University, Montréal, QC.

GRADUATE STUDENTS SUPERVISED

Role	Student	Year	Degree	Department	University
Co-Chair	Hannah Furnas	2017	Ph.D.	Sociology	Penn State
Co-Chair	Anne DeLessio-Parson	2017	Ph.D.	Sociology	Penn State
Member	Sara Francisco	2018	M.A.	Sociology	Penn State

Member	Kahina Abdesselam	ongoing	Ph.D.	Epidemiology	Ottawa
Member	Mitchell Goist	ongoing	Ph.D.	Political Science	Penn State
Member	Jacob Parsons	ongoing	Ph.D.	Statistics	Penn State
Member	Christian Scott	ongoing	Ph.D.	Rural Sociology	Penn State
Member	Anne Morse	ongoing	Ph.D.	Sociology	Penn State
Member	Brianne Pragg	ongoing	Ph.D.	Sociology	Penn State
Member	Brittany Freelin	ongoing	Ph.D.	Criminology	Penn State
Chair	Alexander Chapman	ongoing	M.A.	Sociology	Penn State

PROFESSIONAL SERVICE

Deputy Editor, *Sociological Methodology*, American Sociological Association, 2018-2021.

Editorial and Advisory Board Memberships

Penn State Cohort Study Advisory Board. The Pennsylvania State University. 2019-2021.

Sociological Methodology. 2017-2020.

Demography. 2016-2019.

Opioid Epidemic Advisory Board, The Pennsylvania State University. 2018-2020.

Discussant

“Social and economic determinants of health and mortality.” The annual meeting of the Population Association of America. 2019.

“Demography of Multigenerational Kinship.” The annual meeting of the Population Association of America. 2018.

4th Annual Mini-PAA Conference. Pennsylvania State University. 2017.

“Innovative Data Collection: Advances in Administrative and Linked Records.” The annual meeting of the Population Association of America. 2017.

Organizer or Chair

“Population and Environment.” The annual meeting of the American Sociological Association, Section on Population. 2019. (Co-organized with Brian Thiede).

“Innovative Data Collection: Biospecimens, Mobile Devices, and Administrative Records.” The annual meeting of the Population Association of America. 2017.

“Innovative Data Collection: Advances in Administrative and Linked Records.” The annual meeting of the Population Association of America. 2017.

“Social Networks, Infectious Disease, and Hidden Populations.” A mini-conference at the Population Research Institute, The Pennsylvania State University. 2016.

Grant Proposal Reviewer

Social Science Research Institute, Pennsylvania State University. Fall 2018.

Social Science Research Institute, Pennsylvania State University. Spring 2018.

National Science Foundation. Sociology Division. 2018.
National Science Foundation. Decision, Risk, and Management Sciences Program. 2018.
Institute for CyberScience, Pennsylvania State University. 2017.
University of Nebraska, Lincoln. 2016.
National Science Foundation. Sociology Division. 2016.

Reviewer

American Journal of Sociology
American Sociological Review
Social Forces
Demography
Social Networks
Sociological Methodology
Sociological Methods and Research
SAGE: Quantitative Applications in the Social Sciences (“little green books”)
Network Science
Journal of Social Structure
Journal of Gerontology: Social Sciences
Journal of Gerontology: Medical Sciences
American Journal of Public Health
Epidemiology
Journal of Health and Social Behavior
Social Science and Medicine
JAIDS Journal of Acquired Immune Deficiency Syndromes
Sexually Transmitted Infections
Journal of Urban Health
International Journal of Drug Policy
Journal of Epidemiology and Global Health
Substance Abuse Treatment, Prevention, and Policy
Journal of the American Statistical Association
Annals of Applied Statistics
Electronic Journal of Statistics
Journal of Survey Statistics and Methodology
Translational Behavioral Medicine
PLoS-One

Criminology

Agricultural Systems

Population and Environment

Committees

Teaching Forum Committee. Department of Sociology and Criminology, Pennsylvania State University (2018-2019).

Faculty Search Committee. Department of Sociology and Criminology, Pennsylvania State University (2018-2019).

Confronting the Opioid Epidemic (COE) Advisory Board Member, Social Science Research Institute, Pennsylvania State University (2017-2019).

Social Data Analytics (SoDA) Graduate Program Committee, Pennsylvania State University (2017-2018).

Clifford Clogg Memorial Lecture Committee, Pennsylvania State University (2017-2018).

Faculty Search Committee. Department of Sociology and Criminology, Pennsylvania State University (2017-2018).

Departmental Advisory Committee. Department of Sociology and Criminology, Pennsylvania State University (2015-2017).

Graduate Student Recruitment Committee. Department of Sociology and Criminology, Pennsylvania State University (2016-2017).

Clifford Clogg Memorial Lecture Committee, Pennsylvania State University (2015-2016).

De Jong Lecture in Social Demography Committee, Pennsylvania State University (2015-2016).

Faculty Recruitment and Selection Committee, Department of Sociology, University of North Carolina at Chapel Hill. (2011).

Other

Presenter. Alumni Board of Visitors. College of Liberal Arts. Penn State. 2018.

Poster Judge. Annual Meeting of the Population Association of America, Denver CO. 2018.

Fellow. Social Networks and Health Training Workshop. Duke Network Analysis Center, Duke University (2017-2018).

Poster Judge. 3rd Annual Mini-PAA Conference. Pennsylvania State University (2016).

Advisor. Carolina Population Center Undergraduate Internship Program for Underrepresented Groups. University of North Carolina at Chapel Hill. (2011-2013).

Student representative. Mathematical Sociology Section, American Sociological Association. (2012).

PROFESSIONAL MEMBERSHIPS

International Network for Social Networks Analysis

International Union for the Scientific Study of Population
Population Association of America
American Sociological Association

SCIENTIFIC OUTREACH

- 2014-present. Scientific Advisor. BiddRocket Inc. Redwood City, CA.
2016-2018. Independent Contractor. The American Enterprise Institute. Washington, DC.
2017-2018. Consultant. MEASURE Evaluation. Chapel Hill, NC.
2017. Consultant. Carolina Population Center. Chapel Hill, NC.

INVITED PRESENTATIONS

2018. Verdery, Ashton M. "Working with State Police to Combat Opioid Misuse in Pennsylvania." Invited presentation at the Advisory Board Meeting, Criminal Justice Research Center, The Pennsylvania State University, University Park, PA.
2018. Verdery, Ashton M. "Community and Police Engagement with Research on Opioid Misuse in Pennsylvania." Invited presentation at the Board of Visitors Meeting, Department of Sociology and Criminology, The Pennsylvania State University, University Park, PA.
2018. Verdery, Ashton M. "Respondent-driven sampling." Invited presentation at the Advanced Methodologies at Purdue: Behavioral, Health and Social Sciences Conference, Purdue University, West Lafayette, IN.
2018. Verdery, Ashton M. "Older adult family structure and mortality in the United States." Invited presentation at the Maryland Population Center, University of Maryland, College Park, MD.
2018. Verdery, Ashton M. "China's Changing Kinship Networks." Invited presentation at the American Enterprise Institute, Washington, DC.
2018. Verdery, Ashton M. "Collecting Network Data on Migrant Populations" Invited presentation at the Migration Research Methods Workshop, University of California Berkeley, Berkeley, CA.
2018. Verdery, Ashton M. "Respondent Driven Sampling: Overview and New Directions" Invited presentation at the Social Networks and Health Scholars Training Program, Duke Network Analysis Center, Duke University, Durham, NC.
2018. Verdery, Ashton M. "Network Sampling Methods for Hard to Reach Populations." Introductory speaker at 25th Annual Population Research Institute Graduate Student Methodology Workshop, topic: *Hard to Reach Populations*. The Pennsylvania State University, University Park, PA.
2018. Verdery, Ashton M. "Collaboration Networks: Overview and Tracking Methods." Presentation to the KL2 Program, the Pennsylvania State University, University Park, PA
2018. Verdery, Ashton M. "Introduction to Social Network Analysis: Methods and Applications in the Social Sciences." Instructor at the annual *Taste of Methodology Meeting*, Methodology Center, the Pennsylvania State University, University Park, PA

2017. Verdery, Ashton M. "Toward a demographic theory of social networks with applications to aging in the United States & China." Invited presentation at the Department of Sociology and Duke Network Analysis Center, Duke University, Durham, NC.
2017. Verdery, Ashton M. "The Impending Third Demographic Transition: How Population Aging and Family Change will Reshape Social Networks in the Coming Decades." Invited presentation at the Center on Health, Risk, and Society. American University, Washington, DC.
2017. Verdery, Ashton M. "Challenges and New Directions with Respondent-Driven Sampling Data." Invited presentation at the Social Networks and Health Scholars Training Program, Duke Network Analysis Center, Duke University, Durham, NC.
2016. Verdery, Ashton M. "Mapping transnational networks with a link-tracing design." Invited presentation at the ORBITS Kick-Off Meeting, *Universitat Autònoma de Barcelona*, Barcelona, Spain.
2017. Verdery, Ashton M. and Rachel Margolis. "Projections of White and Black Older Adults without Living Kin in the United States." Invited paper presented to the Lives of Color: Race-Ethnicity and the Life Course Conference, The Pennsylvania State University, University Park, PA.
2017. Verdery, Ashton M. and Colin Campbell. "Race and Social Capital in America: Changes in Social Support Networks over Two Decades." Invited paper presented to the Lives of Color: Race-Ethnicity and the Life Course Conference, The Pennsylvania State University, University Park, PA.
2016. Verdery, Ashton M. "New Methods for Respondent-Driven Sampling". Invited paper presented to the School of Epidemiology, Public Health, and Preventive Medicine, University of Ottawa, Ottawa, ON, Canada.
2016. Verdery, Ashton M. "The Future of the Family Change in the U.S. and Globally." Invited paper presented to the Department of Sociology, McGill University, Montreal, QC, Canada.
2016. Verdery, Ashton M. "The Future of the Global Kinship Transition." Invited paper presented to the Department of Demography, University of California, Berkeley, CA.
2016. Verdery, Ashton M. "Evidence." Introductory speaker at 23rd Annual Population Research Institute Graduate Student Methodology Workshop, topic: *Agent Based Modeling*. Invited paper presented at the Pennsylvania State University, University Park, PA.
2016. Verdery, Ashton M. "Beyond prevalence: Future directions in respondent-driven sampling." Invited paper presented to the Mini-conference on Social Networks, Infectious Disease, and Hidden Populations. Population Research Institute, The Pennsylvania State University, University Park, PA.
2016. Verdery, Ashton M. "Sampling Social Networks: New Strategies for Inference." Invited paper presented to the the Social Data Analytics Core Seminar, Big Data IGERT Program, The Pennsylvania State University, University Park, PA.
2016. Verdery, Ashton M. "Innovations in Network Sampling." Invited paper presented to the Innovative Methods Working Group, Population Research Institute, The Pennsylvania State University, University Park, PA.
2016. Verdery, Ashton M. "Modeling the Future of the Global Kinship Transition: Applications to China." Keynote speaker at "China's Changing Family Structure: What Do We Know? What Can

We Know? What Should We Know?" Invited paper presented to the global consulting firm IHS, Inc. and the American Enterprise Institute. Washington, DC.

2016. Verdery, Ashton M. "Innovation in the Recruitment of Respondent Driven Samples for Improved Inference to Hidden Populations." Invited paper presented to the Methodology Center, The Pennsylvania State University, University Park, PA.
2016. Verdery, Ashton M. "Communication flows in a transnational social field." Invited paper presented to the Immigration Working Group, Population Research Institute, The Pennsylvania State University, University Park, PA.
2016. Verdery, Ashton M. "Sampling Hidden Populations: Applications to Immigration." Invited paper presented at *Institut National d'Études Démographiques* (INED; French National Demographic Institute), Paris, France.
2014. Verdery, Ashton M. "A Gift to the Millennium?: The NIH Doubling Period and Scientific Advance." Invited paper presented to the Department of Sociology. Pennsylvania State University.
2014. Verdery, Ashton M. "Connectivity in University Research Collaboration Networks: Computational Methods for Assessing Structural Connectivity in Large Graphs." Invited paper presented to the Research Computing Symposium. University of North Carolina at Chapel Hill.
2012. Verdery, Ashton M. "Climate, Land Use, and Demography in a Coupled Human Natural System: An Agent-Based Modeling Approach". Invited paper presented to the Department of Sociology and Anthropology, North Carolina State University, Raleigh, NC.
2012. Verdery, Ashton M. "Demography and social network differentiation." Invited poster presented at the National Science Foundation's Integrative Graduate Education Research Traineeship (NSF-IGERT) Principal Investigator Meeting, Washington, DC.

OTHER PRESENTATIONS (LAST 5 YEARS)

2019. Daw, Jonathan, Ashton M. Verdery, Selena Ortiz, Nathaniel Porter, Anne Morse, and Diego Aguilar. "Reasons to Donate: A Mixed-Methods Experimental Vignette Study of Willingness to Become a Living Kidney Donor." Presentation at the 2019 annual meeting of the Population Association of America, Austin, Texas.
2018. Verdery, Ashton M., Shannon Monnat, Katherine McLean, Glenn Sterner, Khary Rigg, and Alexander Chapman. "Social Networks and Opioid Use." Presentation at the 2018 Interdisciplinary Association for Population Health Sciences annual meeting, Washington, D.C..
2018. Sterner, Glenn, Shannon Monnat, Ashton M. Verdery, Katherine McLean, and Khary Rigg. "Networks of Opioid Users: An Exploration for Innovative Interdiction Methods." Presentation at the 2018 Stockholm Criminology Symposium, Stockholm, Sweden.
2018. Entwisle, Barbara, Ashton M. Verdery, and Nathalie Williams. "Climate Change and Migration: New Insights from a Dynamic Model." Presentation at the annual meeting of the Population Association of America, Denver, CO.
2018. Margolis, Rachel and Ashton M. Verdery. "Cohort Changes in the Demography of Grandparenthood: Past, Present and Future." Presentation at the annual meeting of the Population Association of America, Denver, CO.

2017. Verdery, Ashton M., Shawn Bauldry, and David Hunter. "Multivariate Regression in Respondent-Driven Sampling." Presentation at the annual meeting of the Interdisciplinary Association for Population Health Sciences, Austin, TX.
2017. Sterner, Glenn, Ashton Verdery, Gary Zajac, Peter Forster, and Shannon Monnat. "Identifying and Informing Strategies for Disrupting Drug Distribution Networks: An Application of Community Policing to Local Opiate Markets in Pennsylvania." Poster presented at the American Society of Criminology Meeting, Philadelphia, PA.
2017. Molina, José Luis, Miranda J Lubbers, Ashton Verdery, Gabriel Hancean, Isidro Maya, Juergen Lerner, Ignacio Fradejas-García, and Natxo Sorolla. "Researching Transnational Networks in South Europe." Paper presented at the European Union Social Networks Conference, Mainz, Germany.
2017. Kelling, Claire, Ashton M. Verdery, and Sara Francisco. "Clustering Coefficient Analysis through Small-Scale Diffusion Testing." Paper presented at the Women in Statistics and Data Science Conference, American Statistical Association, La Jolla, CA.
2017. Patterson, Sara, Ashton M. Verdery, and Jonathan Daw. "Does Age of Experiencing Kin Mortality Predict Educational Attainment?: Adding Life to the Linked Lives Perspective." Paper presented at the annual meeting of the Population Association of America. Chicago, IL.
2017. Margolis, Rachel and Ashton M. Verdery. "Aging Alone: Older Adults without Close Kin in the United States." Poster presented at the annual meeting of the Population Association of America. Chicago, IL.
2017. Verdery, Ashton M., Shawn Bauldry, and David Hunter. "Beyond Prevalence: Multivariate Regression with Respondent-Driven Sampling Data." Presentation at the annual mid-year meeting of the American Sociological Association Methodology Section, Chicago, IL.
2016. Porter, Nathaniel, Ashton M. Verdery, and S. Michael Gaddis. "Big Data's Little Brother: Enhancing Big Data in the Social Sciences with Micro-Task Marketplaces." Paper presented at the annual meeting of the American Sociological Association. Seattle, WA.
2016. Verdery, Ashton M. and Hannah E. Furnas. "The Future of the Global Kinship Transition." Paper presented at the annual "Sunbelt" meetings of the International Network for Social Network Analysis. Newport Beach, CA.
2016. Daw, Jonathan and Ashton M. Verdery. "Finding a Donor: The Role of Social and Kinship Network Processes in Racial Disparities in Living Donor Kidney Transplantation: A Pilot Study." Poster presented at the annual meeting of the Population Association of America. Washington, DC.
2015. Verdery, Ashton M., Jonathan Daw, and Rachel Margolis. "Kin Count(s): Educational and Racial Differences in Extended Kinship in the United States." Paper presented at the annual meeting of the American Sociological Association, Chicago, IL.
2015. Verdery, Ashton M., James Moody, Nalyn Siripong. "The Demographic Transition, Social Network Change, and the Size of the West African Ebola Outbreak." Paper presented at the annual meeting of the Population Association of America, San Diego, CA.
2015. Verdery, Ashton M., M. Giovanna Merli, James Moody, Jeffrey Smith. "Innovations in the Recruitment of Respondent-Driven Samples for Improved Inference to Hidden Populations." Paper presented at the annual meeting of the Population Association of America, San Diego, CA.

2014. Verdery, Ashton M., M. Giovanna Merli, James Moody, and Jeff Smith. "Assessment of Multiple Respondent Driven Sampling Estimators in an Empirical Population of Female Sex Workers in China." Paper presented at the annual International Sunbelt Social Network Conference of the International Network of Social Network Analysts, St. Pete's Beach, FL.
2014. Mouw, Ted, Ashton M. Verdery, M. Giovanna Merli, Jing Li, and Jennifer Shen. "Sampling a Hidden Population Without a Sampling Frame: A Practical Application of Network Sampling with Memory." Paper presented at the annual meeting of the Population Association of America, Boston, MA.
2014. Daw, Jonathan and Ashton M. Verdery. "Beyond Household Walls: The Spatial Structure of American Kinship Networks." Paper presented at the annual meeting of the Population Association of America, Boston, MA.
2013. Verdery, Ashton M. "Assessment of multiple respondent driven sampling estimators under real and ideal recruitment conditions in an empirical population of female sex workers in China." Paper presented at the Duke Network Analysis Center, Duke University, Durham, NC.
2013. Verdery, Ashton M. and James Moody. "Structural Foundations of Diffusion in Networks." Paper presented at the annual meeting of the Southern Sociological Society, Atlanta, GA.
2013. Verdery, Ashton M., M. Giovanna Merli, James Moody, Jeff Smith, Jing Li, Sharon Weir, and Xiangsheng Chen. "Network Coverage in Respondent Driven Sampling." Paper presented at the annual meeting of the International Union for the Scientific Study of Population, Busan, Republic of Korea.
2013. Daw, Jonathan and Ashton M. Verdery. "Racial and Educational Differentiation in Extended Kinship Structures in the United States." Paper presented at the annual meeting of the Population Association of America, New Orleans, LA.
2012. Verdery, Ashton M. and Ted Mouw. "Estimated Sampling Variance in Respondent Driven Sampling Data: Mathematical Derivations, Simulated Tests on Empirical Data, and Evidence from Other Forms of Chain-Referral Data Collection." Paper presented at the American Statistical Association's Hard to Reach Populations Conference, New Orleans, LA.
2012. Gaddis, S. Michael and Ashton M. Verdery. "Using Google Trends in Social Science Research: Monitoring and Predicting Demographic Trends and Social Movements." Paper presented at the annual meeting of the American Sociological Association, Denver, CO.
2012. Entwisle, Barbara, Ronald R. Rindfuss, Steven J. Walsh, George Malanson, Peter Mucha, Brian Frizzelle, Philip McDaniel, Xiaozheng Yao, Nathalie Williams, Benjamin Heumann, Ashton M. Verdery, Pramote Prasartkul, Yothin Sawangdee, and Aree Jampaklay. "Extreme Climate Events and Migration: An Agent-Based Modeling Approach." Paper presented at the annual meeting of the Population Association of America, San Francisco, CA.
2012. Chavez, Sergio, Heather B. Edelblute, Ted Mouw, and Ashton M. Verdery. "Combining Community and Structure to Collect Binational Migrant Network Data through a Mixed Methods Approach." Paper presented at the annual meeting of the Population Association of America, San Francisco, CA.