

June, 2021

# ASHTON M. VERDERY

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## APPOINTMENTS & AFFILIATIONS

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2020-present

Harry & Elissa Sichi Early Career Professor of Sociology, Demography, & Social Data Analytics, Department of Sociology and Criminology, *The Pennsylvania State University*

Associate Professor, Department of Sociology and Criminology

Co-Hire, Institute for Computational and Data Sciences

Associate, Population Research Institute

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

2015-2020

Assistant Professor of Sociology, Demography, and Social Data Analytics, Department of Sociology and Criminology, *The Pennsylvania State University*

## EDUCATION

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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

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Social Networks, Computational Sociology, Quantitative Methodology, Social Demography

## PEER REVIEWED PUBLICATIONS

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- 2021 Milner, Adrienne N., Rebecca , and **Ashton M. Verdery**. “Brexit and the European National Health Service England Workforce: A Quantitative Analysis of Doctors’ Perceived Professional Impact and Intentions to Leave the United Kingdom.” Forthcoming at *Annals of Global Health*.
- 2021 Chapman, Alexander, **Ashton M. Verdery**, and Shannon Monnat. “Family Structure and Opioid Misuse.” *Drug and Alcohol Dependence*. DOI: <https://doi.org/10.1016/j.drugalcdep.2021.108668>
- 2021 Kidman, Rachel, Rachel Margolis, Emily Smith-Greenaway, and **Ashton M. Verdery**. “COVID-19 and Parental Death: Estimates and Projections of the U.S. Child Population.” *JAMA Pediatrics*. DOI: <https://doi.org/10.1001/jamapediatrics.2021.0161>
- 2020 Patterson, Sarah, **Ashton M. Verdery**, and Jonathan Daw. “Linked Lives and Childhood Experience of Family Death on Educational Attainment.” *Socius*. DOI: <https://doi.org/10.1177/2378023120975594>
- 2020 **Verdery, Ashton M.**, Lauren Newmyer, Brandon Wagner, and Rachel Margolis. 2020. “National Profiles of COVID-19 Mortality Risks by Age and Preexisting Health Conditions.” *The Gerontologist*. DOI: <https://doi.org/10.1093/geront/gnaa152>
2020. Newmyer, Lauren, **Ashton M. Verdery**, Rachel Margolis, and Léa Pessin. “Measuring Older Adult Loneliness across Countries.” *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*. DOI: <https://doi.org/10.1093/geronb/gbaa109>
2020. Patterson, Sarah, **Ashton M. Verdery**, and Rachel Margolis. “Family Embeddedness and Older Adult Mortality.” *Population Studies*. DOI: <https://doi.org/10.1080/00324728.2020.1817529>
2020. **Verdery, Ashton M.**, Emily Smith-Greenaway, Rachel Margolis, and Jonathan Daw. “The Reach of COVID-19 Bereavement across Kinship Networks in the United States.” *Proceedings of the National Academy of Sciences*. DOI: <https://doi.org/10.1073/pnas.2007476117>
2020. Santos-Lozada, Alexis, Jeffrey T. Howard, and **Ashton M. Verdery**. “How differential privacy will affect our understanding of health disparities in the United States.” *Proceedings of the National Academy of Sciences*. DOI: <https://doi.org/10.1073/pnas.2003714117>
2020. Porter, Nathaniel, **Ashton M. Verdery**, and S. Michael Gaddis. “Enhancing Big Data in the Social Sciences with Crowdsourcing: Data Augmentation Practices, Techniques, and Opportunities.” *PLoS-ONE*, 15(6):e0233154. DOI: <https://doi.org/10.1371/journal.pone.0233154>
2020. Entwisle, Barbara, **Ashton M. Verdery**, and Nathalie Williams. “Climate Change and Migration: New Insights from a Dynamic Model of Out and Return Migration.” *American Journal of Sociology*, 125(6):1469-1512. DOI: <https://doi.org/10.1086/709463>
2020. **Verdery, Ashton M.**, Kira England, Alexander Chapman, Liying Luo, Katherine McLean, and Shannon Monnat. “Visualizing Age, Period, and Cohort Patterns of Substance Use in the

- U.S. Opioid Crisis.” *Socius: Sociological Research for a Dynamic World*. DOI: <https://doi.org/10.1177/2378023120906944>
2019. Abdesselam, Kahina, **Ashton M. Verdery**, L. Pelude, P. Dhimi, F. Momoli, and Ann M. Jolly. “The Development of Respondent-Driven Sampling (RDS) Inference: A Systematic Review of the Population Mean and Variance estimates.” *Drug and Alcohol Dependence*, 206(1):107702. DOI: <https://doi.org/10.1016/j.drugalcdep.2019.107702>
2019. Rigg, Khary, Katherine McLean, Shannon Monnat, Glenn Sterner, and **Ashton M. Verdery**. “Opioid Misuse Initiation: Implications for Interventions.” *Journal of Addictive Diseases*. 1-12. DOI: <https://doi.org/10.1080/10550887.2019.1609336>
2019. **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.” *Epidemiology*, 30(6):901-910. DOI: <https://doi.org/10.1097/EDE.0000000000001059>
2019. **Verdery\***, **Ashton M.** and Colin Campbell\*. “Social Support in America: Stratification and Trends in Access over Two Decades.” (\*Authors contributed equally). *Social Forces*, 98(2):725-752. DOI: <https://doi.org/10.1093/sf/soz008>
2019. Margolis, Rachel and **Ashton M. Verdery**. “A Cohort Perspective on the Demography of Grandparenthood: Past, Present and Future Changes in Race and Sex Disparities in the United States.” *Demography*, 56(4):1495-1518. DOI: <https://doi.org/10.1007/s13524-019-00795-1>
2019. Daw, Jonathan, **Ashton M. Verdery**, and Sarah Patterson. “Beyond Household Walls: The Spatial Structure of American Extended Kinship Networks.” *Mathematical Population Studies*, 26(4):208-237. DOI: <https://doi.org/10.1080/08898480.2019.1592637>
2019. 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.” *Substance Use and Misuse*, 54(6):955-966. DOI: <https://doi.org/10.1080/10826084.2018.1552303>
2018. **Verdery, Ashton M.**, Rachel Margolis, Xiangnan Chai, Zhangjun Zhou, and Jongjit Rittirong. “Kinlessness around the World.” *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, 74(8):1394-1405. DOI: <https://doi.org/10.1093/geronb/gby138>
2018. Lubbers, Miranda, **Ashton M. Verdery**, and Jose Luis Molina. “Social Networks and Transnational Social Fields: A Review of Quantitative and Mixed-Methods Approaches.” *International Migration Review*. DOI: <https://doi.org/10.1177/0197918318812343>
2018. 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.” *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, 74(8):1453-1462. <https://doi.org/10.1093/geronb/gby051>

2018. **Verdery, Ashton M.**, Ted Mouw, Heather Edelblute, and Sergio Chavez. "Communication Flows and the Durability of a Transnational Social Field." *Social Networks*, 53(2018):57-71. DOI: <http://dx.doi.org/10.1016/j.socnet.2017.03.002>
2017. **Verdery, Ashton M.** and Rachel Margolis. "Projections of White and Black Older Adults without Living Kin in the United States, 2015 to 2060." *The Proceedings of the National Academy of Sciences*, 114(2):11109-11114. DOI: <https://dx.doi.org/10.1073/pnas.1710341114>
2017. **Verdery, Ashton M.**, Nalyn Siripong, and Brian W. Pence. "Social Network Clustering and the Spread of HIV/AIDS Among Persons who Inject Drugs in Two Cities in the Philippines." *JAIDS-Journal of Acquired Immune Deficiency Syndrome*, 76(1):26-32. 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://sciencenow.unaids.org/sites/default/files/HIV%20This%20Month%20-%20July%202017\\_0.pdf](https://sciencenow.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).
2017. Margolis, Rachel and **Ashton M. Verdery**. "Older Adults without Close Kin in the United States." *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*. 72(4):688-693. DOI: <https://doi.org/10.1093/geronb/gbx068>
2017. **Verdery, Ashton M.**, Jacob C. Fisher, Nalyn Siripong, Kahina Abdesselam, and Shawn Bauldry. "New Survey Questions and Estimators for Network Clustering with Respondent-Driven Sampling Data." *Sociological Methodology*. 47(1):274-306. DOI: <http://dx.doi.org/10.1177/0081175017716489>
2016. Merli, M. Giovanna, **Ashton M. Verdery**, Jing Li, Jennifer Shen, and Ted Mouw. "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>
2016. 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. "Climate Shocks and Migration: An Agent-Based Modeling Approach." *Population and Environment*, 38(1):47-71. DOI: <http://dx.doi.org/10.1007/s11111-016-0254-y>
2016. Daw, Jonathan K., **Ashton M. Verdery**, and Rachel Margolis. "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>
2015. **Verdery, Ashton M.**, Ted Mouw, Shawn Bauldry, and Peter J. Mucha. "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>.

2015. **Verdery, Ashton M.** “Links Between Demographic and Kinship Transitions.” *Population and Development Review*, 41(3):465-484. DOI: <http://dx.doi.org/10.1111/j.1728-4457.2015.00068.x>.
2015. **Verdery, Ashton M.**, M. Giovanna Merli, James Moody, Jeffrey A. Smith, Jacob C. Fisher. “Respondent-Driven Sampling Estimators Under Real and Theoretical Recruitment Conditions of Female Sex Workers in China.” *Epidemiology*, 26(5):661-665. DOI: <http://dx.doi.org/10.1097/EDE.0000000000000335>.
2015. Daw, Jonathan, Rachel Margolis, and **Ashton M. Verdery**. “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>
2014. 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. “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>
2014. Mouw, Ted, Sergio Chavez, Heather Edelblute, and **Ashton M. Verdery**. “Binational 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>
2014. Clouston, Sean A., Andrea Lawlor, and **Ashton M. Verdery**. “The Role of Partnership Status on Late-Life Physical Function.” *Canadian Journal on Aging / La Revue canadienne du vieillissement*, 33(4):1-13. DOI: <http://dx.doi.org/10.1017/S0714980814000282>
2013. 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. “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>
2013. Heumann, Ben, Steven J. Walsh, **Ashton M. Verdery**, Philip McDaniel, and Ronald R. Rindfuss. “Land Suitability 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>
2012. Mouw, Ted and **Ashton M. Verdery**. “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>
2012. **Verdery, Ashton M.**, Barbara Entwisle, Ronald R. Rindfuss, and Katherine Faust. “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>

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

#### **OTHER PUBLICATIONS**

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2021. Kidman, Rachel, Rachel Margolis, Emily Smith-Greenaway, and **Ashton M. Verdery**. "Covid-19 has killed the parents of thousands of children. We must support them." *The Washington Post*. Available at: <https://www.washingtonpost.com/opinions/2021/04/05/how-support-children-who-lost-parents-covid-19/>
2021. Eberstadt, Nicholas and **Ashton M. Verdery**. "China's Shrinking Families." *Foreign Affairs*. Available at: <https://www.foreignaffairs.com/articles/china/2021-04-07/chinas-shrinking-families>
2021. Chapman, Alexander, **Ashton M. Verdery**, and Shannon Monnat. "Family ties protect against opioid misuse among U.S. adults." *Population Health Research Brief Series*, The Lerner Center, Syracuse University, Syracuse, NY. Available at: <https://surface.syr.edu/cgi/viewcontent.cgi?article=1127&context=lerner>
2020. **Verdery, Ashton M.** and Emily Smith-Greenaway. "COVID-19 and Family Bereavement in the United States." *Applied Demography*, 32(1):1-2. Available at [http://www.populationassociation.org/wp-content/uploads/CAD\\_SpecialEdition\\_COVID19\\_March2020.pdf](http://www.populationassociation.org/wp-content/uploads/CAD_SpecialEdition_COVID19_March2020.pdf)
2019. Margolis, Rachel and **Ashton M. Verdery**. "Demographic Change and Aging without Family: A Global Perspective." *N-IUSSP: IUSSP's Online News Magazine*. International Union for the Scientific Study of Population. Available at: <http://www.niussp.org/article/demographic-change-and-aging-without-family-a-global-perspective/>
2019. **Verdery, Ashton M.** "Modeling the Future of China's Changing Family Structure to 2100." Pp. 23-78 in Eberstadt, Nicholas (ed.) *China's Changing Family Structure: Dimensions and Implications*, Washington, DC: The American Enterprise Institute.
2019. McLean, Katherine, Shannon M. Monnat, Khary K. Rigg, Glenn Sterner, and **Ashton M. Verdery**. "Understanding Opioid Users' Views on Fentanyl Could help Reduce Overdoses." *Population Health Research Brief Series*, The Lerner Center, Syracuse University, Syracuse, NY. Available at: <http://lernercenter.syr.edu/2019/07/16/understanding-opioid-users-views-on-fentanyl-could-help-reduce-overdoses/>
2019. Rigg, Khary K., Shannon M. Monnat, Katherine McLean, **Ashton M. Verdery**, and Glenn Sterner. "The Stories behind the Struggle: A Closer Look at First Experiences with Opioid Misuse." *Population Health Research Brief Series*, The Lerner Center, Syracuse University, Syracuse, NY. Available at: <http://lernercenter.syr.edu/research/population-health-research-brief-series/the-stories-behind-the-struggle-a-closer-look-at-first-experiences-with-opioid-misuse/>.
2019. Alwin, Duane and **Ashton M. Verdery**. "Prologue—Looking Back to Look Forward." *Sociological Methodology*, 49(1):xviii-xliv. DOI: <https://doi.org/10.1177/0081175019869320>
2018. Alwin, Duane and **Ashton M. Verdery**. "Prologue." *Sociological Methodology*, 48(1):xi-xxv. DOI: <https://doi.org/10.1177/0081175018799359>

2017. **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/>
2005. **Verdery, Ashton M.** “Ethnic Peace and War: Identity Politics in Estonia and Moldova.” *Undercurrent: The Canadian Undergraduate Journal of Development Studies*, 2(3):27-35.

#### **ARTICLES UNDER REVIEW**

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- Wang, Haowei, **Ashton M. Verdery**, Emily Smith-Greenaway, and Rachel Margolis. “Crossnational Analysis of Associations between Bereavement from COVID-19 and Depressive Symptoms among Older Adults in Europe.” In review at *Journals of Gerontology: Social Sciences*.
- Ortiz, Selena E., **Ashton M. Verdery**, and Jonathan Daw. “A Rising Tide, but Are All Boats Equally Lifted? Self-Assessed Change in Being Evaluated for Living Kidney Donation in Response to the Advancing American Kidney Health Regulatory Provisions.” In review at *Medical Care*.
- Chapman, Alexander, **Ashton M. Verdery**, and James Moody. “Social Networks and Health in the 21<sup>st</sup> Century.” Revise and resubmit at *Journal of Health and Social Behavior*.
- Verdery, Ashton M.**, Katherine McLean, Shannon Monnat, Khary Rigg, and Glenn Sterner. “‘Pushed in the Same Way’: The Role of Cocaine in Opioid Misuse Initiation, Escalation, and Desistance.” Revise and resubmit at *American Journal of Sociology*.
- Hernandez, Erik, **Ashton M. Verdery**, Hyerim Kim, Anne Morse, and David P. Baker. “The Global Progression of the Second Demographic Transition.” Revise and resubmit at *Nature*.

#### **IN PREPARATION**

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- Verdery, Ashton M.** “Multivariate Regression with Respondent-Driven Sampling Data.”
- Verdery, Ashton M.** and Ted Mouw. “Benefits of Egocentric Networks in Link-Tracing Sampling Designs.”
- Margolis, Rachel, **Ashton M. Verdery**, Lauren Newmyer, and Haowei Wang. “The Parable of the Little Emperors: A Cautionary Tale about the Demography of Grandparenthood in China.”
- Verdery, Ashton M.**, Manshu Tian, and Rachel Margolis. “Institutions and Kinlessness Around the World: A Replication and Extension.”
- Margolis, Rachel, Xiangnan Chai, and **Ashton M. Verdery**. “Older Adults without Close Kin in Canada: Patterns of Health, Well-being, and Social Connectedness.”
- 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.”

Abdesselam, Kahina, Ann M. Jolly, L. Pelude, F. Momoli, and **Ashton M. Verdery**. “Social Contacts of People who Inject Drugs in Ottawa Exhibit a Small-World Network.”

## **RESEARCH FUNDING**

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1R01AG060949. “Crossnational Comparisons of Kinlessness and Health: Past, Present, and Future.” **Ashton M. Verdery** (Principal Investigator), Rachel Margolis, Jennifer Glick, Nancy Luke, Carl Mason (Consultant), and Jongjit Rittirong (Consultant). National Institute of Aging. \$1,329,373 total funding awarded. Active dates 2019-2023.

R01MH119101. "Sexual and Gender Minority Mental Health In Low and Middle Income Countries (SMILE)." Sara LeGrand (M-PI), Kathryn Whetten (M-PI), Hy Huynh, David Eagle, Sarah Wilson, Monica Malta, Nguyen Trang, Augustine Wasonga, and **Ashton M. Verdery** (consultant). National Institutes of Health. \$2,498,724 direct costs. 2020-2025.

“Penn State Cohort Study: to Promote High-Impact Research, Student Engagement, and Health.” Stephanie Lanza (Principal Investigator), Gregory Fosco, Hobart Cleveland, Sue Grigson, Molly Hall, Max Crowley, Tracey Huston, Rick Brazier, Carey McDougall, Glenn Sterner, Jason Whitney, Helen Kamens, Runze Li, Ashley Linden-Carmichael, Jennifer Maggs, Jeremy Staff, and **Ashton M. Verdery** (Research Advisory Board Committee Member, donated time). University Strategic Initiatives, Social Science Research Institute, Prevention Research Center, Huck Institute, College of Science, and Department of Statistics, The Pennsylvania State University. \$455,052 funding awarded. Active dates 2019-2021.

“An Innovative Approach to Tackle the Opioid Epidemic: Utilizing Twitter Data and Integrating Big Data Analytics and Spatial and Social Network Analyses.” Lei, Zhen (Principal Investigator), Guangqing Chi, Glenn Sterner, **Ashton M. Verdery (Co-Investigator)**, 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 (Principal Investigator), Mathieu Ichou, Michel Guillot, Géraldine Charrance, Wilfried Rault, Ted Mouw, **Ashton M. Verdery** (Investigator), 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.” Glenn Sterner (Co-Principal Investigator), **Ashton M. Verdery (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 Computational and Data Sciences, 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 (Consultant)**. 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, & DISTINCTIONS**

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- 2020-2023. Harry and Elissa Sichi Early Career Professorship. College of the Liberal Arts, The Pennsylvania State University.
2019. Roy C. Buck Award. College of the Liberal Arts, The Pennsylvania State University. (The purpose of the Roy C. Buck Award is to recognize the best article accepted or published by a refereed scholarly journal in the social sciences within the last year, with some preference given to articles focusing on minority issues in the United States. Awarded for “Projections of black and white older adults without living kin in the United States, 2015-2060,” *The Proceedings of the National Academy of Sciences*; co-author Rachel Margolis. See <https://la.psu.edu/awards/buck>).
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**

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- 2020. Instructor, “Sociological Research Methods.” Graduate Course. Sociology and Criminology. The Pennsylvania State University, University Park, PA.
- 2019. Instructor, “Sociological Research Methods.” Graduate Course. Sociology and Criminology. The Pennsylvania State University, University Park, PA.
- 2018. Instructor, “Approaches and Issues in Social Data Analytics.” Graduate Course. Social Data Analytics. The Pennsylvania State University, University Park, PA.
- 2018. Instructor, “Population and Policy Issues.” Undergraduate Course. Sociology and Criminology. The Pennsylvania State University, University Park, PA.
- 2017. Instructor, “Population and Policy Issues.” Undergraduate Course. Sociology and Criminology. The Pennsylvania State University, University Park, PA.
- 2016. Instructor, “Population and Policy Issues.” Undergraduate Course. Sociology and Criminology. The Pennsylvania State University, University Park, PA.
- 2015. Instructor, “World Population Diversity.” Undergraduate Course. Sociology and Criminology. The Pennsylvania State University, University Park, PA.
- 2015. Instructor, “Population and Policy Issues.” Undergraduate Course. Sociology and Criminology. The Pennsylvania State University, University Park, PA.
- 2012. Teaching Fellow, “Data Analysis in Sociological Research.” Undergraduate Course. Sociology. University of North Carolina, Chapel Hill, NC.
- 2010. Teaching Fellow, “Data Analysis in Sociological Research.” Undergraduate Course. Sociology. University of North Carolina, Chapel Hill, NC.
- 2007. Teaching Assistant, “Sociological Perspectives.” Undergraduate Course. Sociology. Professor Matthew Lange, McGill University, Montréal, QC.
- 2006. Teaching Assistant, “Sociological Perspectives.” Undergraduate Course. Sociology. Professor Matthew Lange, McGill University, Montréal, QC.
- 2007. Teaching Assistant, “Political Sociology.” Undergraduate Course. Sociology. Professor Matthew Lange, McGill University, Montréal, QC.
- 2006. Teaching Assistant, “Political Sociology.” Undergraduate Course. Sociology. Professor Matthew Lange, McGill University, Montréal, QC.

## GRADUATE STUDENTS & UNDERGRADUATE RESEARCH PROJECTS SUPERVISED

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Role	Student	Year	Degree	Department	University
Member	Juliana Levchenko	Ongoing	Ph.D.	Sociology	Penn State
Member	Shuai Zhou	Ongoing	Ph.D.	Rural Sociology	Penn State
Chair	Josephine Carrier	Ongoing	M.A.	Sociology	Penn State
Chair	Alexander Chapman	Ongoing	Ph.D.	Sociology	Penn State
Chair	Lauren Newmyer	Ongoing	Ph.D.	Sociology	Penn State
Chair	Kira England	Ongoing	M.A.	Sociology	Penn State
Member	John Crum	Ongoing	Ph.D.	Criminology	Penn State
Member	Ian Laga	Ongoing	Ph.D.	Statistics	Penn State
Member	Brittany Freelin	Ongoing	Ph.D.	Criminology	Penn State
Member	Christian Scott	2020	Ph.D.	Rural Sociology	Penn State
Member	Anne Morse	2020	Ph.D.	Sociology	Penn State
Member	Brianne Pragg	2020	Ph.D.	Sociology	Penn State
Member	Laura Stiberman	2020	M.A.	Sociology	Penn State
Supervisor	Manshu Tian	2020	B.A.	Sociology	Penn State
Member	Jacob Parsons	2019	Ph.D.	Statistics	Penn State
Chair	Alexander Chapman	2019	M.A.	Sociology	Penn State
Member	Sara Francisco	2018	M.A.	Sociology	Penn State
Member	Kahina Abdesselam	2018	Ph.D.	Epidemiology	Ottawa
Co-Chair	Hannah Furnas	2017	Ph.D.	Sociology	Penn State
Co-Chair	Anne DeLessio-Parson	2017	Ph.D.	Sociology	Penn State

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## PROFESSIONAL SERVICE

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Deputy Editor, *Sociological Methodology*, American Sociological Association, 2017-2019.

Editorial, Advisory Board, and Program Committee Memberships

Faculty Council. Institute for Computational and Data Sciences. The Pennsylvania State University. 2022-2025.

Scientific Advisory Board Member. Evermore Foundation. Washington, DC.

Advisory Committee Member. Program on Data Science in the Social and Behavioral Sciences. The Statistical and Applied Mathematical Sciences Institute. 2021.

Internal Advisory Board. Penn State Family Symposium. The Pennsylvania State University. 2020-2022.

Departmental Advisory Board. Department of Sociology and Criminology, The Pennsylvania State University. 2020-2022.

Program Committee, International Association for Population Health Sciences. 2020.

Internal Advisory Board, Population Research Institute. The Pennsylvania State University. 2019-2022.

Internal Advisory Board, Computational and Statistical Analysis Core, Population Research Institute. The Pennsylvania State University. 2021-2023.

Program Committee, Population Association of America, "Data and Methods." 2019-2020.

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

Editorial Board. *Sociological Methodology*. 2017-2019.

Editorial Board. *Demography*. 2016-2020.

Consulting Editor. *American Journal of Sociology*. 2019-2021.

Advisory Board, Consortium to Combat Substance Abuse, The Pennsylvania State University. 2018-2020.

Departmental Advisory Board, Department of Sociology and Criminology, The Pennsylvania State University. 2015-2017.

#### Founder

Graduate Certificate in Social Network Applications in Sociology and Criminology. Department of Sociology and Criminology, The Pennsylvania State University. 2019.

#### Discussant

"Environmental Influences on Aging." The annual meeting of the Population Association of America. 2021.

6<sup>th</sup> Annual Mini-PAA Conference. Pennsylvania State University. 2019.

"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.

4<sup>th</sup> 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, Chair, Co-Organizer, or Co-Chair

*It's About Time: Longitudinal Studies of the Life Course*. Conference sponsored by the Center for Life Course and Longitudinal Studies, The Pennsylvania State University. 2019. (Co-Organizer).

"Topics in Feminist Criminology." The Western Criminology Society conference, Honolulu, HI. 2019.

"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 or Faculty Co-Fund Proposal Reviewer

Ad Hoc Member, Social Sciences and Population Studies Section A (SSPS), National Institutes of Health. 2021.

Internal Advisory Board, Population Research Institute, Pennsylvania State University. Seed Grant Proposals. Fall 2021.

Internal Advisory Board, Population Research Institute, Pennsylvania State University. Seed Grant Proposals. Fall 2020.

Internal Advisory Board, Population Research Institute, Pennsylvania State University. Seed Grant Proposals. Fall 2019.

Social Science Research Institute, Pennsylvania State University. Faculty Co-Funding. Spring 2019.

Social Science Research Institute, Pennsylvania State University. Seed Grant Proposal. Spring 2019.

Social Science Research Institute, Pennsylvania State University. Seed Grant Proposal. Fall 2018.

Social Science Research Institute, Pennsylvania State University. Seed Grant Proposal. Spring 2018.

Social Science Research Institute, Pennsylvania State University. Faculty Co-Funding. Spring 2018.

National Science Foundation. Sociology Division. Grant Proposal. 2018.

National Science Foundation. Decision, Risk, and Management Sciences Program. Grant Proposal. 2018.

Institute for Computational and Data Sciences], Pennsylvania State University. Seed Grant Proposal. 2017.

University of Nebraska, Lincoln. Grant Proposal. 2016.

National Science Foundation. Grant Proposal. Sociology Division. 2016.

#### Reviewer

*American Journal of Sociology*

*American Sociological Review*

*Social Forces*

*Demography*

*Population and Development Review*  
*Demographic Research*  
*Population Studies*  
*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*  
*Journal of Cross-Cultural Gerontology*  
*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*  
*Addictive Behaviors*  
*International Journal of Drug Policy*  
*Journal of Epidemiology and Global Health*  
*Substance Abuse Treatment, Prevention, and Policy*  
*Journal of the American Statistical Association*  
*Journal of the Royal Statistical Society*  
*Annals of Applied Statistics*  
*Electronic Journal of Statistics*  
*Journal of Survey Statistics and Methodology*  
*Translational Behavioral Medicine*  
*PLoS-One*  
*Science Advances*  
*Criminology*  
*Journal of Research in Rural Education*

*Agricultural Systems*

*Population and Environment*

*Routledge*

#### Committees

Faculty Search Committee. Department of Sociology and Criminology, Pennsylvania State University (2020-2021).

Faculty Search Committee. Department of Agricultural Economics and Rural Sociology, Pennsylvania State University (2020-2021).

Departmental Advisory Committee. Department of Sociology and Criminology, Pennsylvania State University (2020-2022).

Faculty Search Committee. Department of Agricultural Economics and Rural Sociology, Pennsylvania State University (2019-2020).

Ad Hoc Committee on Future Faculty Recruitment. Department of Sociology and Criminology, Pennsylvania State University (2019-2020).

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 (2017-2019).

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

Founder. Certificate in Social Network Analysis Applications in Criminology and Sociology.

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



Poster Judge. Annual Meeting of the Population Association of America, Zoom USA. 2021.  
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. 3<sup>rd</sup> 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**

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International Network for Social Networks Analysis  
International Union for the Scientific Study of Population  
Population Association of America  
American Sociological Association

### **SCIENTIFIC OUTREACH**

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2021-2024. Scientific Advisory Board. Evermore Foundation. Washington, DC.  
2019-2021. Consultant. Long Term Strategy Group. Washington, DC.  
2014-2019. 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**

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2021. Verdery, Ashton M. "TBA." Invited presentation at Carolina Population Center, The  
University of North Carolina at Chapel Hill, Chapel Hill, North Carolina.  
2021. Verdery, Ashton M. "TBA." Invited presentation at Race and the Unequal Burden of  
Bereavement Conference, University of Texas at Austin, Austin, Texas.  
2021. Verdery, Ashton M. "The Toll of COVID-19 Bereavement." Invited presentation at the  
Institute for Population Research, The Ohio State University, Columbus, Ohio.  
2021. Verdery, Ashton M. "Modeling COVID-19 Bereavement." Invited presentation at the Formal  
Demography Workshop, University of California, Berkeley, California.

2021. Verdery, Ashton M. "COVID-19 Related Bereavement: A Crossnational Focus on Older Adults." Invited presentation at Max Planck Institute for Demographic Sciences. Rostock, Germany.
2021. Verdery, Ashton M. "COVID-19 Related Bereavement." Invited keynote presentation at the Association for the Study of Death and Society Webinar Series, London, United Kingdom.
2021. Verdery, Ashton M. "Inference from Social Network Samples." Invited presentation at the Program on Data Science in the Social and Behavioral Sciences, Statistical and Applied Mathematical Sciences Institute, Raleigh, NC.
2021. Verdery, Ashton M. "Population Aging and the Future of Older Adult Loneliness." Invited presentation at the Center for Demography and Population Health, Florida State University, Tallahassee, FL.
2020. Verdery, Ashton M. "From Gateways to Gatekeepers: Cocaine, Social Networks, and Opioid Misuse" Invited presentation at Department of Sociology, Johns Hopkins University, Baltimore, MD.
2020. Verdery, Ashton M. "COVID-19 and Family Bereavement in the United States." Presentation to the Board of Visitors, Department of Sociology and Criminology, The Pennsylvania State University, University Park, PA.
2020. Verdery, Ashton M. "COVID-19 and Family Bereavement in the United States." Presentation to the Evermore Foundation, Washington, DC.
2020. Verdery, Ashton M. "Loneliness around the World." Invited presentation at Department of Sociology, Johns Hopkins University, Baltimore, MD. CANCELLED BECAUSE OF PANDEMIC.
2020. Verdery, Ashton M. "Introducing Respondent-Driven Sampling." Invited presentation at the Social Networks and Health Scholars Training Program, Duke Network Analysis Center, Duke University, Durham, NC. CANCELLED BECAUSE OF PANDEMIC.
2020. Verdery, Ashton M. "Network-based recruiting for immigrant populations." Invited panel presentation. IMISCOE, Luxembourg. CANCELLED BECAUSE OF PANDEMIC.
2020. Verdery, Ashton M. "Social Support in America." Invited presentation at Center for the Study of Wealth and Inequality, Columbia University, New York, NY. CANCELLED BECAUSE OF PANDEMIC.
2019. Verdery, Ashton M. "Composition & network interactions in social processes." Invited keynote panel at the Economic Sociology Conference, Emory University, Atlanta, GA.
2019. Verdery, Ashton M. "Social Support in America." Invited presentation at the Goizueta Business School, Emory University, Atlanta, GA.
2019. Verdery, Ashton M. "Respondent-Driven Sampling." Invited presentation at the Social Networks and Health Scholars Training Program, Duke Network Analysis Center, Duke University, Durham, NC.
2019. Verdery, Ashton M. "Social Networks and Opioid Misuse." Duke Network Analysis Center, Duke University, Durham, NC.

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 25<sup>th</sup> 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 23<sup>rd</sup> 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 (APPROXIMATELY LAST 6 YEARS)**

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2020. M. Giovanna Merli, James Moody, Seth Sanders, and Ashton M. Verdery. "A Computational View of the Field of Demography." Presentation at the European Population Conference, Padova, Italy. CANCELLED BECAUSE OF PANDEMIC.
2019. Ashton M. Verdery. "Introduction to Mata." Presentation at the Coding Brown Bag, The Pennsylvania State University, University Park, PA.
2019. Sterner, Glenn, Ashton M. Verdery, Shannon Monnat, Katherine McLean, and Khary Rigg. "Criminal Justice Consequences of Opioid Use in the United States: Implications for Drug Policy." Paper presented at the annual meeting of the American Society for Criminology, San Francisco, CA.
2019. Sterner, Glenn, Ashton M. Verdery, Shannon Monnat, Katherine McLean, and Khary Rigg. "Criminal Justice Consequences of Opioid Use in the United States: Implications for Drug Policy." Paper presented at the annual Stockholm Criminology Symposium, Stockholm, Sweden.
2019. Sterner, Glenn, Ashton M. Verdery, Shannon Monnat, Katherine McLean, and Khary Rigg. "Modeling Harm Reduction Knowledge Spread in Opioid User Networks." Paper presented at the annual "Sunbelt" meeting of the International Network of Social Network Analysts, Montreal, QC, Canada.
2019. Verdery, Ashton M., Glenn Sterner, Shannon Monnat, Katherine McLean, Khary Rigg, and Alexander Chapman. "Social networks of opioid users: A mixed methods study of social support and peer influence in initiation, escalation, treatment, and recovery." Paper presented at the annual "Sunbelt" meeting of the International Network of Social Network Analysts, Montreal, QC, Canada.
2019. Sterner, Glenn, Ashton M. Verdery, Shannon Monnat, Katherine McLean, Khary Rigg. "Criminal Justice Consequences of Opioid Use in the United States: Implications for Drug Policy." Paper presented at the annual meeting of the American Society of Criminology, San Francisco, CA.
2019. Daw, Jonathan, Ashton M. Verdery, Selena Ortiz, Nathaniel Porter, Anne Morse, and Diego Aguilar. "Reasons to Donate: A Mixed-Methods Experimental Study of Willingness to Become a

- Living Kidney Donor.” Paper presented at the annual meeting of the Population Association of America, Austin, TX.
2019. Patterson, Sarah, Rachel Margolis, and Ashton M. Verdery. “Kinlessness and Mortality Risk: Higher Mortality for Those Lacking Close Kin in Older Age.” Paper presented at the annual meeting of the Population Association of America, Austin, TX.
2019. Chen, Hye Won, Susanna Joo, Ashton M. Verdery, and David Almeida. “Life Course Trajectories of Grip Strength by Gender, Marital Status, and Time Use: An Examination Using Time-Varying Effect Models.” Poster presented at the annual meeting of the Population Association of America, Austin, TX.
2019. Verdery, Ashton M. and Charles Seguin. “Developing Effective In-Class Exercises for Publication in Teaching Sociology.” Presentation at the Teaching Forum, Department of Sociology and Criminology, The Pennsylvania State University, University Park, PA.
2019. Verdery, Ashton M. “Social Network Influences on Opioid Use and Crime.” Presentation at the 2019 Western Criminology Society conference, Honolulu, HI.
2019. Verdery, Ashton M. “An Agent Based Computational Model of Climate Change and Migration: A Role for Return Migration.” Flash talk at the 2019 C-SoDA Open House, Center for Social Data Analytics, The Pennsylvania State University, University Park, PA.
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.