

## Jonathan (JD) Daw

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### APPOINTMENTS AND EDUCATION

2020- Associate Professor of Sociology and Demography. Pennsylvania State University.  
2015-20 Assistant Professor of Sociology and Demography. Pennsylvania State University  
2014-5 Assistant Professor of Sociology. University of Alabama-Birmingham  
2011-3 Postdoctoral Researcher. Institute of Behavioral Science and Institute for Behavioral Genetics, University of Colorado-Boulder  
2005-11 Ph.D. and M.A. in Sociology. University of North Carolina–Chapel Hill  
2001-5 B.A. in Sociology and Government. University of Texas-Austin

### RESEARCH INTERESTS

Health & Health Disparities, Kidney Disease & Transplantation, Demography, Social and Kinship Networks, Quantitative Methodology, Gene-Environment Interplay, Social Stratification

### PEER-REVIEWED PUBLICATIONS

\* Indicates equality of contribution

† Indicates graduate student co-author

2023 **Daw, Jonathan.** “The Ties that Transplant: The Social Network Determinants of the Living Kidney Donor Relationship Distribution.” Forthcoming at *Social Science Research*.

Gillespie, Avrum; **Jonathan Daw**; Riley Brown; Jamie Cappiello; Edward L. Fink; Heather M. Gardiner; Peter P. Reese; Crystal Gadegbeku; and Zoran Obradovic. “Casting a Wide Net: A Hemodialysis Patient Social Network Analysis of Network Members who Offer to be Living Donors.” Forthcoming at *Kidney Medicine*.

**Daw, Jonathan**; and Ashton M. Verdery. “Roles, Relationships, Resources, and Renal Exchange: Applying Social Capital Theory to Role Effects on Living Kidney Donation Behaviors.” Forthcoming at *Socius*.

**Daw, Jonathan**; Mary K. Roberts;† Avrum Gillespie; Ashton M. Verdery; and Tanjala S. Purnell. “Testing the Differential Access Hypothesis that Black Kidney Transplant Candidates Perceive Social Network Access to Fewer Potential Living Donors than White Candidates.” *Progress in Transplantation*. <https://doi.org/10.1177/15269248231164174>

2021 Evans, Megan; **Jonathan Daw**; and S. Michael Gaddis. “The Generational Boundaries of Educational Advantage: Does Great-Grandparent Educational Attainment Predict Great-Grandchild Early Academic Achievement?” *Socius*.  
<https://doi.org/10.1177/23780231211060573>

- Ortiz, Selena E.; Ashton M. Verdery; and **Jonathan Daw**. “Racial/Ethnic and Prior Willingness Disparities in Potential Living Kidney Donors’ Self-Assessed Responses to Advancing American Kidney Health Regulation.” *BMC Public Health* 21:1971. <https://doi.org/10.1186/s12889-021-12023-w>
- Surachman, Agus; Alexis Santos; **Jonathan Daw**; Lacy Alexander; Christopher Coe; and David Almeida. 2020. “Life Course Pathways From Childhood SES to Age-Related Declines in Kidney Function Across Adulthood.” *Psychoneuroendocrinology* 131:105291. <https://doi.org/10.1016/j.psyneuen.2021.105291>
- 2020 Patterson, Sarah E.; Ashton M. Verdery; and **Jonathan Daw**. “Linked Lives and Childhood Experience of Family Death on Educational Attainment.” *Socius* 6:1-17. <https://doi.org/10.1177/2378023120975594>
- Verdery, Ashton M.; Emily Smith-Greenway; Rachel Margolis; and **Jonathan Daw**. “Tracking the Reach of COVID-19 Kin Loss with a Bereavement Multiplier Applied to the United States.” *Proceedings of the National Academies of Sciences* 117:30:17695-17701. <http://www.pnas.org/cgi/doi/10.1073/pnas.2007476117>
- Surachman, Agus; **Jonathan Daw**; Bethany Bray; Lacy Alexander; Christopher Coe; and David M. Almeida. “Childhood Socioeconomic Status, Comorbidity of Chronic Kidney Disease Risk Factors, and Kidney Function Among Adults in the Midlife in the United States (MIDUS) Study.” *BMC Nephrology* 21:188. <https://doi.org/10.1186/s12882-020-01846-1>
- Daw, Jonathan**; S. Michael Gaddis; and Anne R. Morse†. “3Ms of 3G: Testing Three Mechanisms of Three-Generational Educational Mobility in the U. S.” *Research in Social Stratification and Mobility* 66:100481. <https://doi.org/10.1016/j.rssm.2020.100481>
- 2019 **Daw, Jonathan**; Alexander Chapman†; and Megan Evans†. “What Can Sociogenomics Learn from *Social by Nature?* A Review of *Social by Nature*, by Catherine Bliss” *Biodemography & Social Biology* 64:3-4:237-250. <https://doi.org/10.1080/19485565.2019.1597622>
- Daw, Jonathan**; Ashton M. Verdery; and Sarah E. Patterson†. “Beyond Household Walls: The Spatial Structure of American Kinship Networks.” *Mathematical Population Studies* 26:4:208-237. <https://doi.org/10.1080/08898480.2019.1592637>
- Hardie, Jessica Halliday; **Jonathan Daw**; and S. Michael Gaddis. “Job Characteristics, Job Preferences, and Physical and Mental Health in Later Life.” *Socius* Vol. 5. <https://doi.org/10.1177/2378023119836003>.
- 2018 Santos-Lozada, Alexis R.; and **Daw, Jonathan**. “The Contribution of Three Dimensions of Allostatic Load to Racial/Ethnic Disparities in Poor/Fair Self-Rated Health.” *SSM-Population Health* 4:55-65. <https://doi.org/10.1016/j.ssmph.2017.11.007>
- 2017 **Daw, Jonathan**; Rachel Margolis; and Laura Wright†. “Emerging Adulthood, Emergent Health Lifestyles: Sociodemographic Determinants of Trajectories of Smoking, Binge Drinking, Obesity, and Sedentary Behavior.” *Journal of Health and Social Behavior* 58:2:181-197. <https://doi.org/10.1177/0022146517702421>

- Daw, Jonathan.** “Contribution of Four Comorbid Conditions to Racial/Ethnic Disparities in Mortality Risk.” *American Journal of Preventive Medicine* 52:1:S1:S95-S102. <https://doi.org/10.1016/j.amepre.2016.07.036>
- 2016 **Daw, Jonathan;** Ashton M. Verdery; and Rachel Margolis. “Kin Count(s): Educational and Racial Differences in Extended Kinship in the United States.” *Population & Development Review* 42:3:491-517. <https://doi.org/10.1111/j.1728-4457.2016.00150.x>
- 2015 Pampel, Fred C.; Jason D. Boardman; **Jonathan Daw**; Michael C. Stallings; Andrew Smolen; Brett Haberstick; Keith F. Widaman; Tricia K. Neppel; and Rand C. Conger. “Life Events, Genetic Susceptibility, and Smoking among Adolescents.” *Social Science Research* 54:221-232. <https://doi.org/10.1016/j.ssresearch.2015.08.001>
- Daw, Jonathan;** Guang Guo; and Kathleen Mullan Harris. “Nurture Net of Nature: Re-Evaluating the Role of Shared Environments in Academic Achievement and Verbal Intelligence.” *Social Science Research* 52:422-439. <https://doi.org/10.1016/j.ssresearch.2015.02.011>
- Daw, Jonathan.** “Explaining the Persistence of Health Disparities: Social Stratification and the Efficiency-Equity Tradeoff in the Kidney Transplantation System.” *American Journal of Sociology* 120:6:1595-1640. <https://doi.org/10.1086/681961>
- *Winner of the Pennsylvania State University College of Liberal Arts Roy C. Buck award (for the best social science paper published in a refereed journal within the last year)*
- Boardman, Jason D.; Ben W. Domingue; and **Jonathan Daw.** “What Can Genes Tell Us about the Causal Relationship between Education and Health?” *Social Science & Medicine* 127:171-180. <https://doi.org/10.1016/j.socscimed.2014.08.001>
- Daw, Jonathan;** Rachel Margolis; and Ashton Verdery. “Siblings, Friends, Course-mates, Club-mates: How Adolescent Health Behavior Homophily Varies by Race, Class, Gender, and Health Status.” *Social Science & Medicine* 125:32-39. <https://doi.org/10.1016/j.socscimed.2014.02.047>
- 2014 **Daw, Jonathan;** and Jason D. Boardman. “The Long Arm of Adolescence: School Health Behavioral Environments, Tobacco and Alcohol Co-Use, and the 5HTTLPR Gene.” *Biodemography and Social Biology* 60:2:117-136. <https://doi.org/10.1080/19485565.2014.946590>
- Daw, Jonathan;** Jason D. Boardman; Rachel Peterson<sup>7</sup>; Andrew Smolen; Brett C. Haberstick; Marissa A. Ehringer; Susan T. Ennett; and Vangie A. Foshee. “The Interactive Effect of Neighborhood Peer Cigarette Use and 5HTTLPR Genotype on Individual Cigarette Use.” *Addictive Behaviors* 39:12:1804-1810. <https://doi.org/10.1016/j.addbeh.2014.07.014>
- Daw, Jonathan.** “Of Kin and Kidneys: Do Kinship Networks Contribute to Racial Disparities in Living Donor Kidney Transplantation?” *Social Science & Medicine* 104:42-47. <https://doi.org/10.1016/j.socscimed.2013.11.043>
- 2013 Boardman, Jason D.; **Jonathan Daw**; and Jeremy Freese. “Defining the Environment in Gene-Environment Research: Lessons from Social Epidemiology.” *American Journal of Public Health* 103:S1:S64-72. <https://doi.org/10.2105/AJPH.2013.301355>

- Daw, Jonathan;** Kathryn Nowotny<sup>†</sup>; and Jason D. Boardman. “Changing Patterns of Tobacco and Alcohol Co-Use by Gender in the United States, 1976-2010.” *Demographic Research* 28:22:637-648. <https://dx.doi.org/10.4054/DemRes.2013.28.22>
- Daw, Jonathan;** Michael Shanahan; Kathleen Mullan Harris; Andrew Smolen; Brett Haberstick; and Jason D. Boardman. “Genetic Sensitivity to Peer Behaviors: *5HTTLPR*, Smoking, and Alcohol Consumption.” *Journal of Health and Social Behavior* 54:1:92-108. <https://doi.org/10.1177/0022146512468591>
- 2012 **Daw, Jonathan.** “Understanding Social Inequality in the Kidney Transplantation System.” *Sociology Compass* 6:12:998-110. <https://doi.org/10.1111/j.1751-9020.2012.00497.x>
- Daw, Jonathan\***; and Jessica Halliday Hardie\*. “Compensating Differentials, Labor Market Segmentation, and Wage Inequality.” *Social Science Research* 41:5:1179-1197. <https://doi.org/10.1016/j.ssresearch.2012.05.009>
- Daw, Jonathan.** “Parental Income and the Fruits of Labor: Variability in Homework Efficacy in Secondary School.” *Research in Social Stratification and Mobility* 30:3:246-264. <https://doi.org/10.1016/j.rssm.2012.01.004>
- Adkins, Daniel E.; **Jonathan K. Daw**; Joseph L. McClay; and Edwin J.C.G. van den Oord. “The Influence of Five Monoamine Genes on Trajectories of Depressive Symptoms across Adolescence and Young Adulthood.” *Development and Psychopathology* 24:1:267-285. <https://doi.org/10.1017/S0954579411000824>
- 2011 **Daw, Jonathan\***; and Guang Guo\*. “The Influence of Three Genes on Whether Adolescents Use Contraception, USA 1994-2002.” *Population Studies* 65:3:253-271. <https://doi.org/10.1080/00324728.2011.598942>
- 2009 Guo, Guang; Jessica Halliday Hardie; Craig Owen; **Jonathan K. Daw**; Yilan Fu; Hedwig Lee; Amy Lucas; Emily McKendry-Smith; and Greg J. Duncan. “DNA Collection in a Randomized Social Science Study of College Peer Effects.” *Sociological Methodology* 39:1-29. <https://doi.org/10.1111/j.1467-9531.2009.01214.x>

## OTHER PUBLICATIONS

- 2017 Verdery, Ashton M.; **Jonathan Daw**; Colin Campbell; and Rachel Margolis. “Family Transfers with Retirement-Aged Adults in the United States: Kin Availability, Wealth Differentials, Geographic Proximity, Gender, and Racial Disparities.” Boston College Center for Retirement Research Working Paper 2017-9. [https://crr.bc.edu/wp-content/uploads/2017/08/wp\\_2017-9-1.pdf](https://crr.bc.edu/wp-content/uploads/2017/08/wp_2017-9-1.pdf)
- 2015 **Daw, Jonathan;** and Jason D. Boardman. “Gene-Environment Interplay.” Invited contribution to the *International Encyclopedia of Social and Behavioral Sciences*, 2<sup>nd</sup> Ed. James Wright, Ed. <https://doi.org/10.1016/B978-0-08-097086-8.31025-X>
- 2008 Guo, Guang; and **Jonathan K. Daw.** “Genetic Sources of Reading Disability and a Proposal to Use NLSY-Children to Study Genetic and Environmental Influences on Reading Disability. In Booth, ed., *Early Disparities in School Readiness: How do Families Contribute to Successful and Unsuccessful Transitions in School?*

## PAPERS UNDER REVIEW AND REVISION

**Daw, Jonathan;** Ashton M. Verdery; Selena E. Ortiz; Rhiannon Deierhoi Reed; Jayme E. Locke; Robert R. Redfield; David Kloda; Michel Liu; Heather Mentsch; Deirdre Sawinski; Diego Aguilar; Nathaniel D. Porter; Katie McIntyre; and Peter P. Reese. “Social Network Interventions to Reduce Race Disparities in Living Kidney Donation: Design and Rationale of the Friends and Family of Kidney Transplant Patients Study (FFKTPS).” Revise & Resubmit at *Clinical Transplantation*.

Surachman, Agus; Mira Harhay; Alexis R. Santos; **Jonathan Daw;** Lacy M. Alexander; David M. Almeida; Christopher L. Coe. “Subjective Social Status and Age-Related Decrements in Kidney Function among Black and White Adults: A Cross-Sectional Study of the Midlife in the United States (MIDUS) Cohorts.” Revise & Resubmit at *Psychosomatic Medicine*.

Mary Roberts;<sup>‡</sup> and **Jonathan Daw.** “Who Asks Matters: The Determinants and Consequences of Living Donor Discussion Initiation Direction.” Under review.

## PAPERS IN PROGRESS

**Daw, Jonathan;** and Peter P. Reese. “A Third Era? Trends in the Detailed Relationships of Living Kidney Donors to Recipients, 1996-2021.”

**Daw, Jonathan.** “Population Trends in Common Medical Contraindications for Living Kidney Donation, 1999-2018.”

**Daw, Jonathan;** Andrea M. Meinders; Devin Peipert; Amy Waterman; Edward A. Graviss; and Duc T Nguyen. “Variation in Completion of Evaluation and Successful Donation by Type of Donor-Recipient Relationship: Identifying Opportunities for More Donors.”

**Daw, Jonathan;** Andrea M. Meinders; Devin Peipert; Amy Waterman; Edward A. Graviss; and Duc T Nguyen. “Deciding Whether to Donate: Variation in Preparation and Knowledge to be a Donor based on Type of Donor-Recipient Relationship.”

**Daw, Jonathan;** Andrea M. Meinders; Devin Peipert; Amy Waterman; Edward A. Graviss; and Duc T Nguyen. “Variation in Characteristics and Motivations of 2184 Potential Donors based on Type of Donor-Recipient Relationship.”

Gillespie, Avrum; Andrea Corradi; **Jonathan Daw;** Briana Lee; Hannah Calvelli; Sally Quinn; Zoe Pfeffer; Heather Gardiner; Crystal Gadegbeku; Peter Reese; and Zoran Obradovic. “Incarceration of Black ESKD Patients’ Family Members and Living Kidney Donation.”

S. Michael Gaddis; **Jonathan Daw;** Anne R. Morse<sup>‡</sup>; and Megan Evans<sup>‡</sup>. “The Transmission of Educational Advantage across Three Generations: Grandparent Effects and Spousal Mediation in the Second Generation.”

## EXTERNALLY-FUNDED GRANTS

- 2022-26 **Daw, Jonathan** (Principal Investigator), Selena E. Ortiz, Lea Pessin, Alexis Santos-Lozada, Guangqing Chi, Tanjala Purnell, Patricia Homan, Avrum Gillespie, Andrea Corradi, Tyson H. Brown, Jeah Jung, Agus Surachman, and Nicola Barban. “The Impact of Structural Racism on Racial/Ethnic Disparities in End-Stage Kidney Disease from Healthy Population to Mortality.” NIDDK R01, \$2,646,872.
- 2017-22 **Daw, Jonathan** (Principal Investigator), Ashton Verdery (Investigator), Selena Ortiz (Investigator), Jayme E. Locke (Investigator), Peter P. Reese (Investigator), and Deirdre Sawinski (Investigator). “Social Network Interventions to Reduce Race Disparities in Living Kidney Donation.” NIDDK R01, \$1,204,932.
- 2016 Verdery, Ashton (Principal Investigator), **Jonathan Daw** (Co-Principal Investigator), Rachel Margolis (Consultant), Colin Campbell (Consultant). “Do kin availability, geographic proximity, and gender composition contribute to racial differences in retirees’ family exchanges?” Steven H. Sandell Grant, Center for Retirement Research at Boston College. \$45,000.
- 2015 **Daw, Jonathan** (Principal Investigator). Mid-South Transdisciplinary Collaborative Center for Health Disparities Research Grant for Secondary Data Analysis on Social Determinants of Obesity and Related Chronic Diseases. “The Role of Behavioral, Family, and Community Effects on Racial/Ethnic Disparities in Comorbidity in Obesity, Chronic Kidney Disease, Diabetes, Hypertension, and All-Cause Mortality.” \$25,525.

## EXTERNAL GRANTS UNDER REVIEW

- 2022 Waterman, Amy (Principal Investigator); David A. Axelrod; Lashara Davis; **Jonathan Daw** (Consultant); Krista Lentine; John D. Peipert; and Mark A. Schnitzler. Mid-South Transdisciplinary Collaborative Center for Health Disparities Research Grant for Secondary Data Analysis on Social Determinants of Obesity and Related Chronic Diseases. “Transforming Curiosity into Donation: Validating a Risk Prediction Index to Detect and Prevent Drop-Out in Potential Living Kidney Donors who are Racial/Ethnic Minorities.” \$1,211,647.

## EXTERNAL GRANTS IN PROGRESS

- Hardie, Jessica Halliday; **Jonathan Daw**; Niki von Lockette; and Frank W. Heiland. “Work, Race, and Health: How Work Contexts Shape Racial/Ethnic Disparities in Mortality.” NICHD R01 in progress.
- Gillespie, Avrum; **Jonathan Daw**; and Ashton M. Verdery. “Mapping the Infodemic: How Kidney Transplant Misinformation Spreads through End-Stage Kidney Disease Patients’ Social Networks.” NIDDK R01 in progress.

## INTERNALLY-FUNDED GRANTS

- 2022 **Daw, Jonathan** (site Principal Investigator), Niki Von Lockette, Jessica Halliday Hardie (Project Principal Investigator), and Frank Heiland. “Work, Race, and Health: How Work Contexts Shape Racial/Ethnic Disparities in Mortality.” Pennsylvania State University Population Research Institute Seed Grant. \$25,313.

- 2021 **Daw, Jonathan** (Principal Investigator), Ashton Verdery (Investigator), and Selena Ortiz (Investigator). “Administrative Support for “Social Network Interventions to Reduce Race Disparities in Living Kidney Donation” Project.” Social Science Research Institute, Pennsylvania State University. \$25,000.
- 2020 **Daw, Jonathan** (Principal Investigator), and Andrea Corradi. Pennsylvania State University Population Research Institute Seed Grant. “The Social Determinants of Racial/Ethnic Disparities in Chronic Kidney Disease and End-Stage Renal Disease Development, Treatment, and Progression.” \$10,000.
- 2015 **Daw, Jonathan** (Principal Investigator). Pennsylvania State University Population Research Institute Seed Grant. “Support for Writing Career Development Grants to Study the Integration of the Social Determinants of Health, Gene-Environment Interplay, and Immunological Research.” \$7,500.
- 2014-5 **Daw, Jonathan** (Principal Investigator), and Ashton Verdery (Consultant). Arnold G. Diethelm Research Acceleration Grant, UAB Comprehensive Transplant Institute. “The Role of Social and Kinship Network Processes in Racial Disparities in Living Donor Kidney Transplantation.” \$46,553.
- 2014 **Daw, Jonathan** (Principal Investigator). University of Colorado Population Center Pilot Research Grant, “Continuing to Make the Most of the Panel Study of Income Dynamics: Demographic Investigations of Kinship Patterns in Cause of Death, College Selectivity, and Spatial Relationships.” \$1,000.
- 2013 **Daw, Jonathan** (Principal Investigator). University of Colorado Population Center Pilot Research Grant, “Demographic Investigations of Kinship Patterns in Cause of Death, Household Integration, and Kinship Dynamics of College Selectivity.” \$1,500.

### NON-FUNDED EXTERNAL GRANTS

- 2021 Administrative Supplement to “Social Network Interventions to Reduce Race Disparities in Living Kidney Donation.” \$219,500. NIDDK.
- 2018 Cleveland, H. Harrington (Principal Investigator); David J. Vandenberg (Principal Investigator); **Jonathan Daw** (Investigator); Mark E. Feinberg (Investigator); Eric J. Nestler (Consultant); Michael Russell (Investigator); Gabriel Schlomer (Investigator). NIH R01 Grant. \$2,631,971.
- 2016 Brandon G. Wagner (Principal Investigator) and **Jonathan Daw** (Investigator). “Do Gene-Environment Interactions Explain Racial Disparities in Social Mobility Consequences?” Russell Sage Foundation. \$144,741.
- 2014 Jacob Cheadle (Principal Investigator), **Jonathan Daw**, and Jeffrey Smith (Co-Investigators). “The Contribution of Kidney Allocation Policies to Social Disparities in Kidney Transplantation: A Systems-Based Network Science Approach.” R21, \$434,341.

### PROFESSIONAL CONFERENCE PRESENTATIONS

Reasons for Medical Social Support: The Case of Living Kidney Donation. With Zarmeen Salim.

- 2023: American Sociological Association

A Third Era? Trends in the Detailed Relationships of Living Kidney Donors to Recipients, 1996-2021.

- 2023: American Transplant Congress

Predicting Evaluation Completion and Donation by Relationship Type: Identifying Opportunities for More Donors.

- 2023: American Transplant Congress

Who Asks Matters: The Determinants and Consequences of Living Donor Discussion Initiation Direction. With Mary Roberts.

- 2023: Population Association of America

Incarceration of Black ESKD Patients' Family Members and Living Kidney Donation.

- 2022: Kidney Week, American Society of Nephrology.

The Ties that Transplant.

- 2022: American Transplant Congress.

Testing the Differential Access Hypothesis: Do Black Kidney Transplant Candidates Have Social Network Access to Fewer Potential Living Donors than White Candidates? With Mary Roberts, Avrum Gillespie, Ashton M. Verdery, and Tanjala S. Purnell.

- 2022: American Transplant Congress.

The Generational Boundaries of Educational Advantage: Does Great-Grandparent Educational Attainment Predict Great-Grandchild Early Academic Achievement? Evans, Megan; Jonathan Daw; and S. Michael Gaddis.

- 2021: Annual Meeting of the Population Association of America

The Effect of Proposed Regulation to Decrease Financial Burden Associated with 2020 Living Donor Kidney Transplant on Potential Kidney Donor Willingness

- 2020: American Public Health Association Annual Meeting & Expo

Reasons to Donate: A Mixed-Methods Experimental Vignette Study of Willingness to Become a Living Kidney Donor. With Ashton M. Verdery; Selena E. Ortiz; Nathaniel Porter; Anne Roback Morse; Janet Novack; and Diego Aguilar.

- 2019: Annual Meeting of the Population Association of America.

The Combined Influences of Parental, Spousal, and Individual Education on Current Smoking Behavior. With Elaine M. Hernandez and Mieke Beth Thomeer.

- 2018: Annual Meeting of the Population Association of America.

Does Age of Experiencing Kin Mortality Predict Educational Attainment? Adding Life to the Linked Lives Perspective. With Sarah Elizabeth Patterson and Ashton M. Verdery.

- 2017: Annual Meeting of the Population Association of America.
- 2017: Interdisciplinary Association for Population Health Sciences Conference.



Finding a Donor: The Role of Networks, Attitudes, and Genetic Compatibility to Racial Disparities in Living Donor Kidney Transplantation. With Ashton M. Verdery and Selena Ortiz.

- 2015: 6<sup>th</sup> Annual Integrating Genetics and the Social Sciences Conference, Boulder, CO.
- 2016: Annual Meeting of the Population Association of America, Washington, D.C.
- 2016: Second European Conference on Social Networks (EUSN2016), Paris, France.
- 2018: American Transplant Congress, Seattle, Washington.

Educational and Racial Differences in Extended Kin Counts in the United States. With Ashton Verdery and Rachel Margolis.

- 2015: Annual Meeting of the American Sociological Association.
- 2013: Annual Meeting of the Population Association of America.

The Role of Genetics in Family Resemblance in Mortality Hazards: Moderation by Geography and Cohort. With Ben Domingue, Guang Guo, Patrick Krueger, Rachel Peterson, Richard Rogers, Ashton Verdery, and Jason Boardman.

- 2014: Southern Demographic Association Annual Meeting, Memphis.
- 2014: American Sociological Association Annual Meeting, San Francisco.
- 2013: 4th Annual Integrating Genetics and the Social Sciences Conference, Boulder, CO.

Competitions for Kidneys: Using Social Networks Methods to Understand Disparities in Kidney Transplant Receipt. With Jacob Cheadle and Jeffrey Smith.

- 2014: Annual Meeting of the American Sociological Association, San Francisco.

Health Behavior Trajectories over the Transition to Adulthood: Similarity across Behaviors and Social Ties. With Rachel Margolis.

- 2014: Annual Meeting of the Population Association of America, Boston.

Beyond Household Walls: The Spatial Structure of American Kinship Networks. With Ashton Verdery.

- 2014: Annual Meeting of the Population Association of American, Boston.

Tobacco and Alcohol Co-Use, School Health Behavioral Environments, and the *5HTTLPR* and *DRD4* Genes. With Jason D. Boardman.

- 2013: American Sociological Association Annual Meeting, New York.

The Nature, Determinants, and Consequences of the School-Level Tobacco-Alcohol Use Association. With Jason D. Boardman.

- 2013: Annual Meeting of the Population Association of America, New Orleans.

Genetic sensitivity to peer behaviors: *5HTTLPR*, smoking, and alcohol consumption. With Michael Shanahan, Kathleen Mullan Harris, Andrew Smolen, Brett Haberstick, and Jason D. Boardman.

- 2012: Annual Meeting of the American Sociological Association, Denver.
- 2012: Behavioral Genetics Association Meeting, Edinburgh.

Racial Inequalities in the Living Donor Kidney Transplant Opportunity Structure.

- 2012: Population Association of America Annual Meeting, San Francisco.

Racial Inequalities in Kidney Transplantation.

- 2011: Annual Meeting of the American Sociological Association, Las Vegas.
- 2011: 2<sup>nd</sup> Annual Integrating Genetics and the Social Sciences Conference, Boulder.
- 2011: Annual Meeting of the Population Association of America, Washington, D.C.

Educational Outcomes, Environmental Influences, and Genetic Factors. With Guang Guo and Kathie Mullan Harris.

- 2009: Annual Meeting of the American Sociological Association, San Francisco.

Inequality in Labor Market Success at Midlife. With Jessica Hardie.

- 2009: RC28 Conference on Social Inequality and Social Change, Beijing.
- 2009: Annual Meeting of the Population Association of America, Detroit.

The Effective Limits of Agency.

- 2009: Annual Meeting of the Southern Sociological Society, New Orleans.
- 2007: Annual Meeting of the American Sociological Association, New York.
- 2006: Annual Meeting of the Southern Demographic Association, Durham.

The Demography of the Children's Health Insurance Access-Enrollment Gap.

- 2009: Annual Meeting of the Southern Sociological Society, New Orleans.

Collecting Genetic Data in a Social Science Study: Tips and an Example. With Amy Lucas.

- 2008: Annual Meeting of the Population Association of America.

Contraceptive Use and Genetics. With Guang Guo.

- 2007: Annual Meeting of the Population Association of America, New York.

The Economics of Fear: Perceived Risk and the Threat of Terrorism.

- 2005: SCARR Launch Conference on Risk Behavior, Canterbury, England.

The Ecology of Social Capital: Rural-Urban Differences in Volunteerism in Texas.

- 2004: Southern Demographic Association Conference, Hilton Head.

## **CHAIR, DISCUSSANT, PANELIST AT PROFESSIONAL CONFERENCES**

2018 Session Organizer: Detailed Morbidities and Causes of Death: Cross-National Perspectives and Detailed Morbidities and Causes of Death: Creative Approaches, Underused Data Sources. Annual Meeting of the Population Association of America, Denver, CO.

2018 Discussant: Adolescent Risky Behaviors and Well-Being. Annual Meeting of the Population Association of America, Denver, CO.

2016 Discussant: Unions, Parents, and Health. Annual Meeting of the Population Association of America, Washington, D.C.

2015 Panelist: 10 Things I Wish I'd Known in Graduate School. Annual Meeting of the American Sociological Association.

- 2013 Panelist: Section on Racial and Ethnic Minorities Invited Session. Structural Inequality, Discrimination, and Minority Health: New Research Horizons. Annual Meeting of the American Sociological Association, New York.
- 2013 Discussant: Genes, Environment, Health, and Development. Annual Meeting of the Population Association of America, New Orleans.
- 2012 Discussant: session on Occupational Segregation in Gender and Work. Annual Meeting of the American Sociological Association, Denver.
- 2007 Discussant: section on Sociological Methodology session. Annual Meeting of the American Sociological Association, New York.

### **INVITED AND NON-CONFERENCE PRESENTATIONS**

The Ties that Transplant.

- 2023: Houston Methodist Hospital.
- 2022: Hennepin Healthcare and Scientific Registry for Transplant Research, University of Minnesota.

Living Donor Kidney Transplantation: Understanding Underutilization and Racial/Ethnic Disparities.

- 2021: Center for Health Care and Policy Research, Pennsylvania State University.

Renal Relationships: Understanding Living Kidney Donor Relationship Patterns. With Ashton Verdery and Selena Ortiz.

- 2020: University of Utah Department of Sociology Seminar Series
- 2019: University of Pennsylvania Medical Sociology Workshop Series
- 2019: UCLA California Center for Population Research Seminar

Social Network Interventions to Reduce Race Disparities in Living Kidney Donation: Update. With Ashton Verdery and Selena Ortiz.

- 2022: Post-American Transplant Congress Investigators' Meeting. Boston, Massachusetts.
- 2021: Post-American Transplant Congress Investigators' Meeting. Online.
- 2020: Post-American Transplant Congress Investigators' Meeting. Online.
- 2019: Post-American Transplant Congress Investigators' Meeting. Boston, Massachusetts.
- 2018: Post-American Transplant Congress Investigators' Meeting. Seattle, Washington.

Finding a Living Kidney Donor: Preliminary Evidence. With Ashton Verdery and Selena Ortiz.

- 2018: Methodology Center, Pennsylvania State University.
- 2018: Population Research Institute Brown Bag Series, Pennsylvania State University.

The Social and Genetic Epidemiology of Tobacco and Alcohol Use in Adolescence. With Jason Boardman.

- 2013: Colorado Population Center Research Presentation Series.

Fundamental Causes with Severed Mechanisms: The Case of Racial Disparities in the Kidney Transplantation System.

- 2013: CU-Boulder Workshop on Population and Health.

The Nature, Determinants, and Consequences of the School-Level Tobacco-Alcohol Use Association. With Jason Boardman.

- 2012: CU-Boulder Workshop on Population and Health.

Racial Inequality in the Living Donor Kidney Transplantation Opportunity Structure.

- 2012: CU-Boulder Workshop on Population and Health.

Social Context and Academic Achievement: Biologically-Informed Estimates from an Analysis of Identical Twins.

- 2011: UNC Workshop on Social Stratification and Inequality

The Causes of Racial Inequalities in Kidney Transplantation. UNC Sociology Department Colloquium series.

- 2010: UNC Sociology Department Colloquium Series.

Inequality in Labor Market Success at Midlife. With Jessica Halliday Hardie.

- 2009: UNC Sociology Department Colloquium Series.

### **ADDITIONAL TRAINING**

2017 Multitrait Analysis of GWAS (MTAG) Workshop. Patrick Turley. 8<sup>th</sup> Annual Integrating Genetics and the Social Sciences Conference, University of Colorado-Boulder.

2016 The Analysis of Longitudinal Social Network Data using RSIENA (Tom Snijders) and Network Visualization Based on JSON and D3.js (Vladimir Batagelj). 2<sup>nd</sup> European Conference on Social Networks (EUSN2016).

2015 Genome-Wide Genetic Risk Score Construction Workshop. Benjamin Domingue and Matt McQueen. 6<sup>th</sup> Annual Integrating Genetics and the Social Sciences Conference, University of Colorado-Boulder.

2014 Statistical Genetics Workshop. 5<sup>th</sup> Annual Integrating Genetics and the Social Sciences Conference, University of Colorado-Boulder.

2013 Statistical Genetics Workshop. 4<sup>th</sup> Annual Integrating Genetics and the Social Sciences Conference. University of Colorado-Boulder.

2013 The 2013 International Workshop on Statistical Genetic Methods for Human Complex Traits (Advanced Workshop). Institute for Behavioral Genetics, University of Colorado-Boulder.

2012 Introduction to Spatial Demography: Geospatial Data and Spatial Regression. Workshop at the Institute of Behavioral Science, University of Colorado-Boulder. May 23-25, 2012. Paul Voss and Elisabeth Root, Instructors.

- 2012 Graduate Course in “Advanced Topics in Molecular and Genetic Epidemiology.” Department of Integrated Physiology, University of Colorado-Boulder. Matt McQueen, Instructor.
- 2012 The 2012 International Workshop on Statistical Genetics and Methodology of Twin and Family Studies: The Introductory Course. Institute for Behavioral Genetics, University of Colorado-Boulder.
- 2012 Introduction to R. Workshop at the Institute of Behavioral Science, University of Colorado-Boulder. Matt Keller and Elisabeth Root, Instructors.
- 2011 Genome-Wide Analysis Workshop for Social Scientists, 2<sup>nd</sup> Annual Integrating Genetics and the Social Sciences Conference, University of Colorado-Boulder
- 2011 Case Selection in Qualitative Analysis Workshop, Odum Institute, University of North Carolina-Chapel Hill.
- 2009 Workshop on Bayesian Statistical Methods, Odum Institute, University of North Carolina-Chapel Hill
- 2009 Workshop on Discrete Choice Analysis using Stata, Odum Institute, University of North Carolina-Chapel Hill
- 2008 Workshop on Survey Weighting, Odum Institute, University of North Carolina-Chapel Hill.

## **MENTORSHIP**

### Committee Chair:

- Zarmeen Salim, M.A., Penn State
- Mary Roberts, M.A. and Ph.D., Penn State
- Richard Gardner III, Ronald E. McNair Scholars and Undergraduate Senior Thesis, Penn State

### Committee Member

- Kira England, M.A. and Ph.D., Penn State
- Carlyn Graham, Ph.D., Penn State
- Agus Surachman, Ph.D. (Human Development and Family Studies), Penn State
- Daniel Ramirez, Ph.D., Penn State
- Diego Aguilar, M.A., Penn State
- Barbara Hansen, Ph.D., UAB

## **COURSES TAUGHT**

### Pennsylvania State University:

- Introduction to Sociology (Undergraduate)
- Population and Policy Issues (Undergraduate)
- Research Methods in Sociology (Undergraduate)
- Social Demography (Undergraduate)
- Health, Disease, and Society (Undergraduate)
- Seminar in Biodemography (Graduate)
- Medical Sociology (Graduate)

University of Alabama-Birmingham:

- Minority Health (Undergraduate)
- Introduction to Sociology (Undergraduate)
- Population Problems (Undergraduate)
- Biology & Society (Undergraduate)
- Race/Ethnicity and Health (Graduate)

University of North Carolina-Chapel Hill:

- Social Stratification (Undergraduate)
- Family and Society (Teaching Assistant, Undergraduate)
- Data Analysis in Social Research (Twice, Undergraduate)
- Race, Class, and Gender (Undergraduate)

### **SERVICE TO THE PROFESSION**

Ad-Hoc Reviewer: *American Sociological Review*, *American Journal of Sociology*, *Social Forces*, *Demography*, *Journal of Health and Social Behavior*, *Sociological Methodology*, *Socius*, *American Journal of Public Health*, *Social Science Research*, *Social Science & Medicine*, *Biodemography & Social Biology*, *Behavior Genetics*, *American Journal of Transplantation*, *Clinical Transplantation*, *Research in Social Stratification and Mobility*

Program Committee member, 2018 Annual Meeting of the Population Association of America

Editorial Board member, *Sociological Methodology*, 2019-21

Editorial Board member, *Journal of Health and Social Behavior*, 2022-4

Consulting Editor, *American Journal of Sociology*

Ad-Hoc NIDDK Study Section Reviewer, 2020-pres.

### **MAJOR INSTITUTIONAL SERVICE**

Chair, Graduate Program Job Market Committee, Dept. of Sociology & Criminology, 2022-pres.

Co-Chair, Ad-Hoc Committee on Justice, Equity and Diversity in Recruitment and Retention of Underrepresented Groups, Department of Sociology and Criminology, 2021-22.

Chair, Population Health Working Group, Population Research Institute, 2017-20.

### **PROFESSIONAL AFFILIATIONS**

American Sociological Association

Interdisciplinary Association for Population Health Science

Population Association of America