

ACADEMIC APPOINTMENTS

2022- Present

Purdue University

- Assistant Professor of Sociology and Data Science
- Assistant Professor by Courtesy, Statistics
- Faculty Associate, Center on Aging and the Life Course
- Core Faculty Associate, Integrated Genomics Research Center
- Faculty Affiliate, Purdue Institute for Integrative Neuroscience
- Faculty Member, Purdue University Interdisciplinary Life Science Program (PULSe) Computational and Systems Biology Training Group

Indiana University School of Medicine

- Adjunct Assistant Professor of Medical and Molecular Genetics

AnalytiXIN

- Research Fellow

Broad Institute of MIT and Harvard

- Visiting Scientist

2018-2022

Postdoctoral Research Fellow

- Broad Institute of MIT and Harvard
- Department of Sociology, Harvard University
- Department of Epidemiology, Harvard T.H. Chan School of Public Health
- Analytic and Translational Genetics Unit, Massachusetts General Hospital

EDUCATION

2018 *Doctor of Philosophy, Sociology & Computational Genetics*
University of Colorado Boulder

Graduate certificates: (1) statistical and behavioral genetics;
(2) demography; (3) quantitative and data science methods
for behavioral sciences

2011 *Bachelor of Science*, Biochemistry and Molecular Biology
Bachelor of Arts, Sociology
University of Notre Dame, *summa cum laude*

PUBLICATIONS [ONLY PUBLISHED WORKS]

+	denotes equal contribution (i.e., joint first authors)
*	denotes senior author role
†	denotes corresponding author
‡	denotes work with collaborators who were students when the project was conducted (and after I started at Purdue)
...	used for author lists of more than 15 authors

Peer Reviewed

- 1) Leticia F. de Oliveira, Jenelle Dunkelberger, Claudia A. Sevillano, Saranya Arirangan, Robbee Wedow, Matthew Tegtmeier, Mitchell Tuinstra, and Luiz F. Brito. 2025. “Genetic Background of Reproductive Performance across Porcine Reproductive and Respiratory Syndrome (PRRS) Outbreak Phases in Purebred and Crossbred Sows.” DOI: [10.1186/s12711-025-01011-y](https://doi.org/10.1186/s12711-025-01011-y).
- 2) Zacher, Meghan and Robbee Wedow[†]. 2025. “Lessons in Adjusting for Genetic Confounding in Population Research on Education and Health.” *Social Science and Medicine – Population Health*. DOI: [10.1016/j.ssmph.2025.101834](https://doi.org/10.1016/j.ssmph.2025.101834).
- 3) Christa Ventresca[‡], Daphne Martschenko, Robbee Wedow, Mete Civelek, James Tabery, Jedidiah Carlson, Stephen CJ Parker, Paula S Ramos. 2024. “The Methodological and Ethical Concerns of Genetic Studies of Same-Sex Sexual Behavior.” *The American Journal of Human Genetics*. DOI: [10.1016/j.ajhg.2024.08.007](https://doi.org/10.1016/j.ajhg.2024.08.007).
- 4) Carey, Caitlin⁺, Rebecca Shafee⁺, Robbee Wedow⁺, Amanda Elliot, Duncan S. Palmer, ..., Benjamin Neale, Raymond Walters, and Elise Robinson. 2024. “Principled Distillation of UK Biobank Phenotype Data Reveals Underlying Structure in Human Variation.” *Nature Human Behavior*. DOI: <https://doi.org/10.1038/s41562-024-01909-5>.
- 5) Lippert, Adam M., Daniel J. Corsi, Rockli Kim, Robbee Wedow, Jinho Kim, Beza Taddess[‡], and S. V. Subramanian. 2024. “Polygenic and Socioeconomic Contributions to Nicotine Use and Cardiometabolic Health in Early Mid-Life.” *Nicotine & Tobacco Research*. DOI: <https://doi.org/10.1093/ntr/ntae146>.

- 6) Mignogna, Gianmarco⁺, Caitlin Carey⁺, Robbee Wedow⁺⁺, Nikolas Baya, Mattia Cordioli, Nicola Pirastu, Rino Bellocco, Kathryn Fiuza Malerbi[‡], Michel Nivard, Benjamin Neale, Raymond Walters, and Andrea Ganna[†]. 2023. “Patterns of Item Nonresponse Behavior to Survey Questionnaires are Systematic and Associated with Genetic Loci.” *Nature Human Behavior*. 7(8), 1371-1387. DOI: [10.1038/s41562-023-01632-7](https://doi.org/10.1038/s41562-023-01632-7).
 - My 2023 [The Conversation piece](#) on understanding consent in biobank-scale data
 - Our 2023 [Research Briefing](#) on this piece
- 7) Atteberry, Allison⁺, Robbee Wedow⁺, Nathan J. Cook, and Andrew McEachin. 2022. “A Replication of a Quasi-Experimental Approach to Estimating Middle School Structural Transition Effects on Student Learning Trajectories.” *Educational Policy*. 36(7), 1612-1651. DOI: [10.1177/0895904820987797](https://doi.org/10.1177/0895904820987797).
- 8) Kim, Rockli, Adam M. Lippert, Robbee Wedow, Marcia P. Jimenez, and S. V. Subramanian. 2020. “The Relative Contributions of Socioeconomic and Genetic Factors to Variations in Body Mass Index Among Young Adults.” *American Journal of Epidemiology*. 189(11), 1333-1341. DOI: [10.1093/aje/kwaa058](https://doi.org/10.1093/aje/kwaa058).
- 9) Ganna, Andrea, Karin J. H. Verweij, Michel G. Nivard, Robert Maier, Robbee Wedow, ..., John R. B. Perry, Benjamin M. Neale, and Brendan P. Zietsch. 2019. “Large-Scale GWAS Reveals Insights into the Genetic Architecture of Same-Sex Sexual Behavior.” *Science*. 365(6456), eaat7693. DOI: [10.1126/science.aat7693](https://doi.org/10.1126/science.aat7693).
 - Covered in the [New York Times](#)
 - Our 2019 [New York Times op-ed](#) about what genetics is teaching us about sexuality
 - Our [Published Response](#)
 - Our other [Published Response](#)
- 10) Liu, Mengzhen⁺, Yu Jiang⁺, Robbee Wedow⁺, Yue Li⁺, David M. Brazel, ..., Goncalo Abecasis, Dajiang Liu, and Scott Vrieze. 2019. “Association Studies of up to 1.2 Million Individuals Yield New Insights into the Genetic Etiology of Tobacco and Alcohol Use.” *Nature Genetics*. 51(2), 237-244. DOI: [10.1038/s41588-018-0307-5](https://doi.org/10.1038/s41588-018-0307-5).
- 11) Karlsson Linnér, Richard⁺, Pietro Biroli⁺, Edward Kong⁺, S. Fleur W. Meddens⁺, Robbee Wedow⁺, ..., Daniel J. Benjamin, Philipp D. Koellinger, and Jonathan P. Beauchamp. 2019. “Genome-Wide Association Analyses of Risk Tolerance and Risky Behaviors in over 1 Million Individuals Identify Hundreds of Loci and Shared Genetic Influences.” *Nature Genetics*. 51(2), 245-257. DOI: [10.1038/s41588-018-0309-3](https://doi.org/10.1038/s41588-018-0309-3).

- 12) Wedow, Robbee[†], Meghan Zacher, Brooke M. Huibregtse, Kathleen Mullan Harris, Benjamin W. Domingue, and Jason D. Boardman. 2018. "Education, Smoking, and Cohort Change: Forwarding a Multidimensional Theory of the Environmental Moderation of Genetic Effects." *American Sociological Review*. 83(4), 802-832. DOI: [10.1177/0003122418785368](https://doi.org/10.1177/0003122418785368).
 - [2019 National Institutes of Health Matilda White Riley Behavioral and Social Sciences Honors Early-Stage Investigator Paper Competition Award.](#)
 - [2018 Student Paper Award. Evolution, Biology, and Society Section, American Sociological Association](#)
- 13) Belsky, Daniel W., Benjamin W. Domingue, Robbee Wedow, Louise Arseneault, Jason D. Boardman, Avshalom Caspi, Dalton Conley, Jason M. Fletcher, Jeremy Freese, Pamela Herd, Terrie E. Moffitt, Richie Poulton, Kamil Sicinski, Jasmin Wertz, and Kathleen Mullan Harris. 2018. "Genetic Analysis of Social-Class Mobility in Five Longitudinal Studies." *Proceedings of the National Academy of Sciences*. 115(31), E7275-E7284. DOI: [10.1073/pnas.1801238115](https://doi.org/10.1073/pnas.1801238115).
- 14) Lee, James J. ⁺, Robbee Wedow⁺, Aysu Okbay⁺, Edward Kong, Omeed Maghzian, ..., Peter M. Visscher, Daniel J. Benjamin, and David Cesarini. 2018. "Gene Discovery and Polygenic Prediction from a Genome-Wide Association Study of Educational Attainment in 1.1 Million Individuals." *Nature Genetics*. 50(8), 1112-1121. DOI: [10.1038/s41588-018-0147-3](https://doi.org/10.1038/s41588-018-0147-3).
 - Covered in the [New York Times](#) and [The Atlantic](#)
 - Our 2022 [Scientific American op-ed](#) about the misuse of this study in the Buffalo, NY supermarket shooting
- 15) Turley, Patrick, Raymond K. Walters, Omeed Maghzian, Aysu Okbay, James J. Lee, ..., Robbee Wedow, ..., David Cesarini, Benjamin M. Neale, and Daniel J. Benjamin. 2018. "Multi-Trait Analysis of Genome-Wide Association Summary Statistics Using MTAG." *Nature Genetics*. 50(2), 229-237. DOI: [10.1038/s41588-017-0009-4](https://doi.org/10.1038/s41588-017-0009-4).
- 16) Wedow, Robbee[†], Ryan K. Masters, Stefanie Mollborn, Landon Schnabel, and Jason D. Boardman. 2018. "Body Size Reference Norms and Subjective Weight Status: A Gender and Life Course Approach." *Social Forces*. 96(3), 1377-1409. DOI: [10.1093/sf/sox073](https://doi.org/10.1093/sf/sox073).
- 17) Wedow, Robbee[†], Landon Schnabel, Lindsey K. D. Wedow, and Mary Ellen Konieczny. 2017. "I'm Gay and I'm Catholic': Negotiating Two Complex Identities at a Catholic University." *Sociology of Religion: A Quarterly Review*. 78(3), 289-317. DOI: [10.1093/socrel/srx028](https://doi.org/10.1093/socrel/srx028).
- 18) Wedow, Robbee[†], Daniel A. Briley, Susan E. Short, and Jason D. Boardman. 2016. "Gender and Genetic Contributions to Weight Identity

among Adolescents and Young Adults in the U.S.” *Social Science and Medicine*. 165, 99-107. DOI: [10.1016/j.socscimed.2016.07.044](https://doi.org/10.1016/j.socscimed.2016.07.044).

- 19) Domingue, Benjamin W., Robbee Wedow, Dalton Conley, Matt McQueen, Thomas J. Hoffmann, and Jason D. Boardman. 2016. “Genome-Wide Estimates of Heritability for Social Demographic Outcomes.” *Biodemography and Social Biology*, 62(1), 1-18. DOI: [10.1080/19485565.2015.1068106](https://doi.org/10.1080/19485565.2015.1068106).
- 20) Herzog, Patricia Snell and Robert Wedow. 2012. “Youth Group Cliques: How Religious Goals Can Disguise Discriminatory Group Dynamics.” *Review of Religious Research*. 54, 217-238. DOI: [10.1007/s13644-012-0050-9](https://doi.org/10.1007/s13644-012-0050-9).

Non-Peer Reviewed

- 1) Wedow, Robbee. Blackwell Encyclopedia of Health, Illness, Behavior, and Society, 2nd edition. 2025. Editor of chapter on “Gene-Environment Interplay” and editor of entries “Genome-Environment Correlation,” “Gene-Environment Interaction,” Genome-Wide Association Study (GWAS),” “Heritability,” and “Polygenic Scores (PGSs)/Polygenic Indices (PGIs).”
- 2) Wedow, Robbee, Daniel A. Briley, Susan E. Short, and Jason Boardman. 2018. “Weight Identity Among Older Adults in the United States: Genetic and Environmental Influences.” in *The Oxford Handbook of Integrative Health Science*.

Minor Contributions

- 1) Johnson, Emma, Ditte Deomontis, Thorgeir E. Thorgeirsson, Raymond K. Walters, Renato Polimanti, ..., Robbee Wedow, ..., Kari Steffanson, Anders D. Borglum, and Arpana Agrawal. 2020. “A large-scale genome-wide association study meta-analysis of cannabis use disorder.” *The Lancet Psychiatry*. 7(12), 1032-1045. DOI: [10.1016/S2215-0366\(20\)30339-4](https://doi.org/10.1016/S2215-0366(20)30339-4).
- 2) Walters, Raymond, Renato Polimanti, Emma C. Johnson, Jeanette N. McClintick, Mark J. Adams, ..., Robbee Wedow, ..., Joel Gelernter, Howard J. Edenberg, and Arpana Agrawal. 2018. “Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders.” *Nature neuroscience*, 21(12), 1656-1669. DOI: [10.1038/s41593-018-0275-1](https://doi.org/10.1038/s41593-018-0275-1).

EDITORIALS, PERSPECTIVES, BRIEFINGS, AND PUBLISHED RESPONSES

- 1) Wedow, Robbee. 2023. “Researchers Can Learn a Lot with Your Genetic Information, Even When You Skip Survey Questions – Yesterday’s Mode of Informed Consent Doesn’t Quite Fit Today’s Biobank Studies.” *The Conversation*. Link here: <https://theconversation.com/researchers-can->

learn-a-lot-with-your-genetic-information-even-when-you-skip-survey-questions-yesterdays-mode-of-informed-consent-doesnt-quite-fit-todays-biobank-studies-208416.

- 2) Wedow, Robbee and Kathryn Fiuza Malerbi[‡]. 2023. “Creative Use of Biobank Data Enables Exploration of Longstanding Questions about Bias. *Nature Human Behaviour*. Link here: <https://www.nature.com/articles/s41562-023-01633-6>.
- 3) Wedow, Robbee, Daphne O. Martschenko, and Sam Trejo. 2022. “Scientists Must Consider the Risk of Racist Misappropriation of Research.” *Scientific American*. Link Here: <https://www.scientificamerican.com/article/scientists-must-consider-the-risk-of-racist-misappropriation-of-research/>.
- 4) Ganna, Andrea, Karin J. H. Verweij, Michel G. Nivard, Robert Maier, Robbee Wedow, ..., John R. B. Perry, Benjamin M. Neale, and Brendan P. Zietsch. 2021. “Response to Comment on ‘Large-Scale GWAS Reveals Insights into the Genetic Architecture of Same-Sex Sexual Behavior.’” *Science* 371(6536). Link here: <https://www.science.org/doi/10.1126/science.aba5693>.
- 5) Ganna, Andrea, Karin J. H. Verweij, Michel G. Nivard, Robert Maier, Robbee Wedow, ..., John R. B. Perry, Benjamin M. Neale, and Brendan P. Zietsch. 2019. “Genome Studies Must Account for History-Response.” *Science* 366(6472). Link here: <https://www.science.org/doi/10.1126/science.aaz8941>.
- 6) Phelps, Steven M. and Robbee Wedow. 2019. “What Genetics Is Teaching Us about Sexuality.” *The New York Times*. Link here: <https://www.nytimes.com/2019/08/29/opinion/genetics-sexual-orientation-study.html>.

EXTERNAL GRANTS/FELLOWSHIPS [ONLY AWARDED]

- | | |
|------|--|
| 2021 | National Science Foundation (NSF)
Discovery Research PreK-12 (DRK-12) Collaborative Grant
<i>Reducing Racial Prejudice by Fostering an Ontologically and Epistemologically Complex Understanding of Human Genetics Research</i> (2452096; 2100876; 2308600)
Role: PI (with PI Brian Donovan, University of Colorado Boulder and PI Ravit Duncan, Rutgers University)
Awarded, \$3,540,139 over 5 years |
| 2020 | National Institutes of Health National Institute on Aging Health Disparities Loan Repayment Grant (1L60AG069317-01)
<i>Sociodemographic Stratification and Health Disparities in Genetics of Aging Research</i> |

Role: Awardee
Awarded, \$56,455.31 over 2 years

2013 National Science Foundation Graduate Research Fellowship
Program (DGE 1144083)
*Evaluating How Genomics and the Social Sciences Intersect to
Inform Health Outcomes*
Role: Fellow/Awardee
Awarded, \$138,000 over 5 years

2007 [Lilly Endowment Community Scholarship Program](#)
Role: Fellow/Awardee
Awarded, about \$250,000 over 4 years for the cost of
undergraduate education (University of Notre Dame)

INTERNAL GRANTS/FELLOWSHIPS

2023 Purdue University Health & Life Sciences Faculty Summit Grant
*Using across-phyla methods to increase genomic prediction accuracy
to improve health and food security*
Role: Lead PI (with Purdue University co-PIs Matthew Tegtmeier,
Mitch Tuinstra, and Luiz Brito)
\$500,000 over 3 years

HONORS AND AWARDS

2023 Faculty Fellow for Purdue AnalytiXIN initiative/the Central Indiana
Corporate Partnership

2019 National Institutes of Health Matilda White Riley Behavioral and
Social Sciences Honors Early-Stage Investigator Paper Competition
Award

2018 Student Paper Award. Evolution, Biology, and Society Section,
American Sociological Association

Institute of Behavioral Science 2018 Service and Mentoring Award

TALKS

Invited Talks

2025

- Genetics curriculum. Indiana University School of Medicine's Center for Computational Biology and Bioinformatics annual retreat, Indianapolis, IN.

- Developing a scientifically accurate genetics curriculum in high school and college classrooms. National Institutes of Health Office of Behavioral and Social Science Research Director's Webinar.

2024

- Purdue's bold new vision for computational genomics and One Health. Meeting of Purdue's presidential cabinet and the Eli Lilly & Co. executive leadership team – Eli Lilly & Co. Corporate Headquarters, Indianapolis, IN
- Causally-informed methods of understanding gene-environment correlation. Presented as part of the 2nd International Symposium on Genomic and Translational Medicine (ISGTM2024), Xi'an, China.
- Strategies and approaches for building genomics research capacity. Illumina User Group Meeting – Indiana Academic Network, Indianapolis, IN.

2023

- Sociogenomic insights into the human phenome. Institute for Genomic Biology seminar series, University of Illinois, Urbana-Champaign, IL.

2022

- Intro to sociogenomics & insights into the human phenome from a biobank-scale factor analysis. Purdue University Department of Statistics seminar series, West Lafayette, IN.
- Insights into the human phenome from a biobank-scale factor analysis. Indiana University School of Medicine Medical and Molecular Genetics CME Seminar series, Indianapolis, IN.
- Introduction to sociogenomics. Purdue University College of Liberal Arts, West Lafayette, IN.
- Large-scale health data for sociology: A big data approach to fundamental causes and gene-environment interactions. Purdue University Department of Sociology, West Lafayette, IN.

2021

- Sociogenomics. Sohini Ramachandran invited lab speaker, Brown University, Providence, RI.
- A history of eugenics. Broad Institute of MIT and Harvard Program on Medical and Population Genetics (MPG) Primer Series, Cambridge, MA.

2020

- The complex genetics of human behaviors. Advancement of Neuroscience Brain Awareness Week keynote speaker. University of Tennessee, Knoxville, TN.

- The complex genetics of human social and behavioral outcomes. Nicholas Christakis Human Nature lab invited lab speaker, Yale University, New Haven, CT.
- The genetics of same-sex sexual behavior. Felix Tropsch invited lab speaker, Social Science Genetics Paris, ENSAE/CREST, Paris, France.

2019

- The genetics of social science outcomes. Friday Luncheon Seminar Series, Harvard Center for Population and Development Studies, Cambridge, MA.
- The ethical implications of sexuality GWAS studies. Bioethics@Broad bioethics working group, Broad Institute of MIT and Harvard, Cambridge, MA
- How large-scale genetic data is helping us understand health, human behaviors, and our social world. Departmental Colloquium, University of Cincinnati Department of Sociology, Cincinnati, OH
- The genetics of complex human behaviors: How (large-scale) genetic data can help us understand our social world. Division of Social Science, New York University Abu Dhabi, Abu Dhabi, United Arab Emirates.
- The new genetics of sexual orientation: How large-scale genetic data can help us understand our social world. Social Demography Seminar, Harvard Center for Population and Development Studies, Cambridge, MA.
- Education, smoking, and cohort change: Forwarding a multidimensional theory of the environmental moderation of genetic effects. Presented as the recipient of a 2019 National Institutes of Health Matilda White Riley Behavioral and Social Sciences Honors Early-Stage Investigator Paper Competition Award, NIH Matilda White Riley Behavioral and Social Sciences Honors Ceremony, NIH Campus, Bethesda, MD.
- The new genetics of sexual orientation: How large-scale genetic data can help us understand our social world. Demography Colloquium, Brown Population Studies and Training Center, Providence, RI.
- The genetics of complex human behaviors: How large-scale genetic data can help us understand our social world. The Maternal and Child Health Center of Excellence (MCH) Seminar, Harvard T.H. Chan School of Public Health, Cambridge, MA.
- The genetics of sexual orientation and substance use: How large-scale genetic data can help us understand health, human behaviors, and our social world. University sponsored lecture, Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen, Copenhagen, Denmark.

2018

- Insights from current, large-scale genome-wide association studies. The Stanley Center for Psychiatric Research at the Broad Institute of MIT and Harvard, Cambridge, MA.

- Current, large-scale studies in sociogenomics. Sociology Department, University of Oxford, UK.

2014

- Doing interdisciplinary research: The graduate student perspective. Presented as part of a 3-series panel on doing interdisciplinary research at the CU Institute of Behavioral Science.

Professional Conference and Invited Panelist Presentations

2024

- What Can Geneticists Do to Prevent the Misuse of Genomic Data? Panel organizer and moderator for Center of Ethical, Legal and Social Implications (ELSI) Resources and Analysis (CERA) Friday Forum.

2023

- Do within family genetic associations reflect genetic nurture? American Society of Human Genetics annual meeting, Washington, D.C.
- Exploring the impact of socioeconomic factors on psychiatric genetics and epigenetics. World Congress of Psychiatric Genetics annual meeting, Montreal, Canada.
- Patterns of item nonresponse behavior to survey questionnaires are systematic and associated with genetic loci. Behavior Genetics Association annual meeting, Murcia, Spain.
- Misuses of genomic data: Case studies and paths forward for genomic scientists. Invited Panelist for Biology of Genomes annual meeting, Cold Spring Harbors Laboratory, Cold Spring Harbor, NY.

2022

- Upsetting the set up: LGBTQIA+ community engagement with genomic studies on same-sex sexual behavior. Invited Panelist for American Society of Human Genetics annual meeting, Los Angeles, CA.
- Patterns of item nonresponse to questionnaires are systematic and have a genetic basis. Integrating Genetics and the Social Sciences annual meeting, Boulder, CO.
- New directions in sociogenomics: Empirics and ethics. Sociology of Evolution, Biology, and Society Section panel session, American Sociological Association annual meeting, Los Angeles, CA.
- Reducing racial prejudice through genetics education and curriculum, Panel session on education, Behavior Genetics Association annual meeting, Los Angeles, CA.
- Insights into the human phenome from a biobank-scale factor analysis. Panel session on GWAS, European Social Science Genetics Network annual meeting, Bologna, Italy.
- What we've learned from Add Health genetic data. Panel session on genetic data, Add Health Users Conference, Chapel Hill, NC.

2021

- Let's take down determinism! Invited Panelist for American Society for Bioethics and Humanities annual meeting, Virtual Conference.

2019

- Large-scale GWAS reveals insights into the genetic architecture of same-sex sexual behavior. Integrating Genetics and the Social Sciences annual meeting, Boulder, CO.
- Add Health genetic data and genome-wide association studies. Population Association of American workshop on the Add Health dataset, Austin, TX.

2018

- New GWAS of smoking and alcohol. Conference on Polygenic Prediction and its Application in the Social Sciences, Los Angeles, CA.
- Genetic association of 565 variants with alcohol and tobacco use. Panel session on integrating genetics into population health research, Interdisciplinary Association for Population Health Science annual meeting, Headquarters of the National Academy of Sciences, Washington, D.C.
- Add Health genetic data and genome-wide association studies, Invited Panelist for Add Health Users Conference methodology session, NIH Campus, Bethesda, MD.
- Gene discovery and polygenic prediction from a 1.1-million-person GWAS of educational attainment. Panel session on genetic contributions to well-being, Add Health Users Conference, NIH Campus, Bethesda, MD.
- Results from the largest genetic study of sexual orientation. Panel session on personality/politics/sexual orientation, Behavior Genetics Association annual meeting, Boston, MA.
- Large-scale association studies yield new insights in the genetic etiology of tobacco and alcohol use. Panel session on incorporating biology into social research, Population Association of America annual meeting, Denver, CO.
- The genetics of sexual behavior and orientation, The Biomarker Network annual meeting, Denver, CO.

2017

- GWAS of educational attainment. Panel session on genes, education, and health, Integrating Genetics and the Social Sciences annual meeting, Boulder, CO.
- GSCAN GWAS of smoking and drinking phenotypes. Panel session on population health & genetics, Interdisciplinary Association for Population Health Science annual meeting, Austin, TX.
- Body size reference norms and subjective weight status: A gender and life course approach. Regular panel session on life course insecurities:

Individuals and cohorts in transition, American Sociological Association annual meeting, Montreal, Canada.

- GWAS of educational attainment, phase 3: Prediction. Panel session on educational attainment, Behavior Genetics Association annual meeting, Oslo, Norway.
- GWAS of 155,439 individuals identifies 3 loci associated with risk tolerance, The Biomarker Network annual meeting, Chicago, IL.
- Smoking, education, and historical time: The importance of genetic correlation by environment interactions for population health research. Panel session on social genomics and aging, Population Association of America annual meeting, Chicago, IL.
- GWAS of educational attainment and polygenic prediction. Conference on Polygenic Prediction and its Application in the Social Sciences, Los Angeles, CA.

2016

- Body size reference norms during adolescence shape subjective weight status across the life course. Poster session, Interdisciplinary Association for Population Health Science annual meeting, State College, PA.
- Gender and genetic contributions to weight identity among adolescents and young adults in the U.S. Sociology of Evolution, Biology, and Society regular panel session on biosociology/biosocial interaction, American Sociological Association annual meeting, Seattle, WA.
- Defining the genetic correlation by environment (rGxE) interaction model. Sociology of Evolution, Biology, and Society Section panel session on rethinking evolution, biology, and society, American Sociological Association annual meeting, Seattle, WA.
- The role of the retirement environment in shaping the genetics of cognitive decline. Panel session on biosocial and genetic mechanisms in aging, Population Association of America annual meeting, Washington, D.C.
- Variation in adolescents' physical weight perceptions: The gendered and aged context of state level body size reference norms. Poster session, Population Association of America annual meeting, Washington, D.C.

2015

- Wedow R and Boardman J. Do state level body size norms affect individuals' perceptions of their physical weight? Sociology of Population Section panel session on spatial stratification, American Sociological Association annual meeting, Chicago, IL.
- The changing influence of education and genetics on the choice to continue smoking in the United States. Panel session on addictions, Behavior Genetics Association annual meeting, San Diego, CA.
- Genetic contributions to weight identity. Panel session on genetic risk and family, environment and the life course, Population Association of America annual meeting, San Diego, CA.

2014

- Wedow R and Konieczny ME. Compromising complex identities: Understanding the negotiation between religious and homosexual identity on a catholic campus. Sociology of Religion panel session on religion and intersecting identities, American Sociological Association annual meeting, San Francisco, CA.

MENTORING

Current postdoctoral research associates

- Yeongmi Jeong
- Zahra Paylakhi
- Rafael Geurgas
- Saranya Arirangan
- Katie Thompson
- Jiachen Liu

Doctoral Students

- Callie Zaborenko, Sociology, dissertation committee member
- Boyu Jiang, Interdisciplinary Life Science (PULSe), Spring lab rotation supervisor

Undergraduate/Masters Students

- Kathryn Malerbi, Public Health (current lab manager)
- Aahan Bajpai

SERVICE

- Vice President for Discovery Park District search committee member, Fall 2025
- Councilmember, American Sociological Association Biology and Society Section, August 2025-Present
- Secretary, Behavior Genetics Association Public Science Committee, Summer 2024 - Present
- Panel Organizer, Sociogenomics, American Sociological Association, section on Biosociology and Evolutionary Sociology, Montreal, Canada
- Purdue University Eli Lilly 360 Task Force, Spring 2024 - Present
- Purdue University Department of Sociology Colloquium Committee member, Fall 2023-Fall 2024
- Purdue University CLA and CoS Statistical Genetics and Sociogenomics Initiative search committee member, Fall 2023 – Spring 2024
- Purdue University CLA and CoS Statistical Genetics and Sociogenomics Initiative search committee member, Fall 2022 – Spring 2023
- Mentoring committee member, International Association for Population

Health Sciences (IAPHS), 3-year term beginning June 2023

- Advisory Board Member, NIH National Human Genome Research Institute (NHGRI) Grant [R01HG012402 “Beyond the Medical: The ELSI of Polygenic Scores for Social Traits”](#), 5-year term beginning October 2022
- Advisory board member, Center of Ethical, Legal and Social Implications (ELSI) Resources and Analysis (CERA), 2-year term beginning July 2022

Past

- Advisor to United National Independent Expert on Sexual Orientation and Gender Identity. Attendance at and participation in the 2019 Expert Meeting on Conversion Therapies.
- Panel organizer, Population health & genetics, Interdisciplinary Association for Population Health Science annual meeting, Austin, TX
- Co-founder, coordinator, and mentor, National Science Foundation Graduate Research Fellowship Program (NSF GRFP) Workshop for Graduate Students in the Social Sciences at CU Boulder
- Session Chair, Panel session on environmental influences on health, Population Association of America annual meeting, Washington, D.C.
- Elected representative, CU Sociology Department prospective student open house committee
- Graduate student assistant, Integrating Genetics and the Social Sciences (IGSS) conference
- Graduate student coordinator, Institute of Behavioral Science Population & Health Workshop
- Elected student representative, CU Sociology Department faculty meetings

AD-HOC REVIEWER

Advances in Life Course Research; Alcoholism: Clinical and Experimental Research; American Sociological Review; American Journal of Sociology; Behavior Genetics; Developmental Psychology; Demography; Economics and Human Biology; Field Methods; Genes, Brain and Behavior; Journal of Health and Social Behavior; Journal of Racial and Ethnic Health Disparities; Nature Communications; Nature Communications Biology; Nature Human Behavior; Nature Genetics; PLOS One; Proceedings of the National Academy of Sciences; Science; Science Advances; Social Forces; Social Science & Medicine; Social Problems; The Lancet Psychiatry

PROFESSIONAL MEMBERSHIPS

- American Society for Bioethics and Humanities
- American Sociological Association (Sections: Sociology of Population; Medical Sociology; Evolution, Biology, and Society; Sociology of Religion)
- Population Association of America

- Interdisciplinary Association for Population Health Science
- International Society of Psychiatric Genetics
- American Society of Human Genetics
- Behavior Genetics Association