

Casey F. Breen

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EDUCATION

In Progress	Ph.D., Demography, UC Berkeley Qualifying Exams: Causal Inference; Social Networks; and General Demography
2021	M.A., Biostatistics, UC Berkeley Committee: Sophia Rabe-Hesketh (chair), Dennis M. Feehan, Lexin Li
2019	M.A., Demography, UC Berkeley
2016	B.A., Economics (Mathematics minor), Pomona College

RESEARCH AREAS

Health and Mortality Disparities, Social Networks, Computational Social Science

PUBLICATIONS

2022	Casey F. Breen , Cormac Herley, and Elissa M. Redmiles. “ A Large-Scale Measurement of Cybercrime against Individuals .” The 2022 ACM Conference on Human Factors in Computing Systems (CHI). [replication]
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UNDER REVIEW

2022	Casey F. Breen and Joshua R. Goldstein. “Berkeley Unified Numident Mortality Database: Public Administrative Records for Individual-Level Mortality Research” [open access]
2022	Casey F. Breen , Dennis M. Feehan, and Ayesha S. Mahmud. “Novel Estimates Reveal Subnational Heterogeneities in Disease-Relevant Contact Patterns in the United States.” [open access]
2022	Casey F. Breen . “Later-life Shifts in Ethnoracial Self-Identification: Evidence from Social Security Administrative Data.” [open access]

IN PROGRESS

Casey F. Breen and Dennis M. Feehan. “New Approaches to Collecting Data From a Respondent-Driven Sample.”

PRESENTATIONS

- 2022 **Casey F. Breen**, Cormac Herley, Elissa M. Redmiles. “A Large-Scale Study of Cybercrime Against Individuals.” The 2022 ACM Conference on Human Factors in Computing Systems (**CHI**). May 2022, New Orleans, Louisiana. [\[video\]](#)
- Casey F. Breen**. “Mortality Consequences of Home Ownership.” Oral session at the Population Association of America. April 2022, Atlanta, Georgia.
- Casey F. Breen** and Dennis M. Feehan. “New Approaches to Collecting Data From a Respondent-Driven Sample.” Oral session at the Population Association of America. April 2022, Atlanta, Georgia.
- Katerine Perez, Andrea Miranda-González, and **Casey F. Breen**. “Understanding the Hispanic Mortality Paradox: Variation by Country of Origin.” Oral session at the Population Association of America. April 2022, Atlanta, Georgia.
- Joshua R. Goldstein, Maria Osborne, Serge Atherwood, Leslie Root, Nathan Seltzer, Jordan Weiss, **Casey F. Breen**. “Mortality Modeling of Partially Observed Cohorts Using Administrative Death Records.” Oral session at the Population Association of America. April 2022, Atlanta, Georgia.
- 2021 **Casey F. Breen**. “Black-White Mortality Crossover: New Evidence from Linked Administrative Data.” IPUMS Data Intensive Research Conference. June 2021, virtual.
- Casey F. Breen**, Ayesha S. Mahmud, Dennis M. Feehan. “Estimating Subnational Contact Patterns using Multilevel Regression with Poststratification.” Oral session at the Population Association of America. April 2021, virtual.
- Joshua R. Goldstein, Guy Stecklov, and **Casey F. Breen**. “Black Names and the Longevity of Siblings.” Oral session at the Population Association of America. April 2021, virtual.
- Casey F. Breen**. “Black-White Mortality Crossover: New Evidence from Linked Administrative Data.” Poster session at the Population Association of America. April 2021, virtual.
- Best Poster Award, Population Association of America
- 2020 **Casey F. Breen**. “Shifting Racial Self-Identification for the Greatest Generation.” American Sociological Association. August 2020, virtual.
- Casey F. Breen**. “The CenSoc Project.” University of Toronto Data Workshop. July 2020, virtual.
- Casey F. Breen**. “Shifting Racial Self-Identification for the Greatest Generation.” UC Berkeley Record Linkage Conference. February 2020, Berkeley, CA.

PROFESSIONAL EXPERIENCE

- 2020 *Research Scientist Intern*, Meta (Demography and Survey Science Team)
- 2018-2022 *Graduate Student Researcher*, CenSoc Project (PI: Joshua Goldstein)
- 2020 *Intern*, Microsoft Research (Mentors: Elissa M. Redmiles and Cormac Herley)
- 2018, 2021 *Consultant*, World Health Organization

2016-2018 *Data Analyst*, Institute for Social Research and Data Innovation (IPUMS)

AWARDS

2021 Best Poster Award, Population Association of America
2017 Institute for Social Research and Data Innovation Outstanding Service Award

DEPARTMENTAL AND PROFESSIONAL SERVICE

2020 – Organizer, Mortality Reading Group
Ad Hoc Reviewer, *Journal of the International AIDS Society*, *Biometrical Journal*, *The Journal of Mathematical Sociology*

TEACHING EXPERIENCE

2021 *Graduate Student Instructor*, UC Berkeley Formal Demography Workshop
2013-2015 *Economics Tutor*, Pomona College Quantitative Resource Center

OPEN SOURCE SOFTWARE

- **gompertztrunc**: R package for computing mortality differentials under double truncation [GitHub]

LANGUAGE PROFICIENCY AND SKILLS

- R, R package development, Tidyverse, Python, ArcGIS, L^AT_EX, Beamer, Qualtrics.
- German (reading and oral comprehension high proficiency; intermediate speaker).