

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 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

WORKING PAPERS

2021	Casey F. Breen , Elissa M. Redmiles, and Cormac Herley. “A Large-Scale Measurement of Cybercrime against Individuals.”
2021	Casey F. Breen , Dennis M. Feehan, Ayesha S. Mahmud. “Using Multilevel Regression with Poststratification to Estimate Subnational Contact Patterns.” [open access]
2021	Casey F. Breen . “Changes in Racial Self-Identification for the Greatest Generation: Evidence from Social Security Administrative Data.” [open access]

PRESENTATIONS

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.
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- 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

- 2018 – *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

TEACHING EXPERIENCE

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

OPEN SOURCE SOFTWARE

- **childhoodmortality**: R package for computing childhood mortality rates and standard errors from DHS microdata. [CRAN] [GitHub]

LANGUAGE PROFICIENCY AND SKILLS

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