Ryan D. Edwards, Ph.D.

Senior Data Scientist, UCSF Epidemiology & Biostatistics; Research Associate, Berkeley Population Center

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Profile

Seasoned researcher in health economics, demography, and epidemiology with 16 years of experience in research design and analysis of secondary data. Committed, effective teacher of small & large classes in economics & data science at undergraduate and graduate levels.

Research and technical skills

- Expert in *STATA*, *MATLAB*, LaTeX, & Microsoft Office; working knowledge of *R* and *Python*
- Expert in multivariate regression analysis, panel estimation methods, causal inference techniques, and formal demographic methods
- Deep familiarity with the U.S. *Health and Retirement Study*, a multi-year panel dataset; expert user of IPUMS Census products, and of the *National Surveys of Veterans*
- Sole author of 15 peer-reviewed journal articles and joint author on 10 others
- Author of invited commentary, book chapters, and reviews
- Over 20 invited presentations, over 10 conference presentations
- Collaborative scholar with service on two panels convened by the National Academies

Positions

Senior Data Scientist, UCSF Department of Epidemiology & Biostatistics	2018-current
Curriculum Coordinator, Data Science Education Program, UC Berkeley	2017-2018
Research associate, Berkeley Population Center, UC Berkeley	2016-current
Visiting associate professor of economics, Mills College, Oakland, CA	2016-2017
Associate professor of economics with tenure, Queens College, CUNY	2006-2016

Education

Ph.D. in economics	University of California, Berkeley	2002
BA (cum laude) in public policy	Princeton University	1996

Instructional skills

Data Science at UC Berkeley, Fall 2015 & Spring 2016
   Health, Human Behavior, and Data: a seminar complementing the new core Data Science
   course for undergraduates, emphasizing topics in applied microeconomics with Python
Statistics at Mills College, Fall 2016 & Spring 2017
Econometrics at Mills College, Spring 2017
Economic Demography at UC Berkeley, co-taught in Spring 2015 & Spring 2016

References

Ronald Lee	professor emeritus of economics and demography, UC Berkeley
Michael Grossman	CUNY distinguished professor of economics emeritus, CUNY
John Devereux	professor and chair, Queens College economics department
Josh Goldstein	professor of demography, UC Berkeley
Shripad Tuljapurkar	professor of biology population studies, Stanford University

Full CV and writing samples available at http://www.demog.berkeley.edu/~redwards/