Ziad Obermeyer

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Current Positions	*Associate Professor* *Blue Cross of California Distinguished Professor* School of Public Health, UC Berkeley College of Computing, Data Science, and Society, UC Berkeley	2018–
Previous Positions	*Staff Physician* Emergency Department, Tséhootsooí Medical Center, Navajo Nation	2019–24
	Assistant Professor Emergency Medicine and Health Care Policy, Harvard Medical School	2012–18
Applied Work	*Distinguished Scientist*, Neko Health	2026–
	Co-founder, Chief Scientist, Dandelion Health	2020–
	Co-founder (2019), Chief Medical Officer, Nightingale Open Science	2019–22
Education	*Resident Physician*, Emergency Medicine, Mass General Brigham	2008–12
	M.D. (*magna cum laude*), Harvard Medical School	2008
	M.Phil., History and Philosophy of Science, University of Cambridge	2002
	A.B. (*magna cum laude*), History and Science, Harvard College	2001
Awards & Honors	*Luminary Award*, Precision Medicine World Conference	2027
	Pantheon Award: Academic Discovery of the Year, California Life Sciences	2026
	100 Most Influential People in AI, *TIME* Magazine	2023
	Arrow Award, International Health Economics Association	2023
	Research Associate, National Bureau of Economic Research	2023
	Investigator, Chan-Zuckerberg Biohub San Francisco	2022
	Responsible Business Education Award, *Financial Times*	2022
	Willard Manning Award, American Society of Health Economists	2021
	Emerging Leader, National Academy of Medicine	2020
	Innovation Fellow, Schmidt Futures	2019
	Peter K. Ranney Innovation Award, World Medical Innovation Forum	2018
	Young Investigator Award, Society for Academic Emergency Medicine	2015
	Early Independence Award, Office of the Director of NIH	2012

Selected Publications

An ECG biomarker for sudden cardiac death discovered with deep learning Obermeyer Z, Schubert A, Ross JP, Mullainathan S, Lingman M	*Nature*, 2026 655: 210–218
A machine learning model using clinical notes to identify physician fatigue Hsu CC, Obermeyer Z, Tan C	*Nature Comm*, 2025 16: 5791
The health costs of cost sharing Chandra A, Flack E, Obermeyer Z	*QJE*, 2024 139(4): 2037–2082
Race adjustments in clinical algorithms can help correct for racial disparities in data quality Zink A, Obermeyer Z, Pierson E	*PNAS*, 2024 121(34): e2402267121
Diagnosing physician error: a machine learning approach to low-value health care Mullainathan S, Obermeyer Z	*QJE*, 2022 137(2): 679–727
Pooled testing efficiency increases with test frequency Augenblick N, Kolstad JT, Obermeyer Z, Wang A	*PNAS*, 2022 119(2): e2105180119
Variation in common laboratory test results caused by ambient temperature Obermeyer Z, Pope D	*Med*, 2021 2(12): 1314–1326.e2
An algorithmic approach to reducing unexplained pain disparities in underserved populations Pierson E, Cutler DM, Leskovec J, Mullainathan S, Obermeyer Z	*Nature Med*, 2021 27(1): 136–140
Dissecting racial bias in an algorithm used to manage the health of populations Obermeyer Z, Powers B, Vogeli C, Mullainathan S	*Science*, 2019 366(6464): 447–453
Discriminative regularization for latent variable models with applications to electrocardiography Miller AC, Obermeyer Z, Cunningham JP, Mullainathan S	*ICML*, 2019 97: 4585–4594
Direct uncertainty prediction for medical second opinions Raghu M, Blumer K, Sayres R, Obermeyer Z, Kleinberg R, Mullainathan S, Kleinberg J	*ICML*, 2019 97: 5281–5290
Predictive modeling of U.S. health care spending in late life Einav L, Finkelstein A, Mullainathan S, Obermeyer Z	*Science*, 2018 360(6396): 1462–1465
Individual differences in normal body temperature: longitudinal big data analysis of patient records Obermeyer Z, Samra JK, Mullainathan S	*BMJ*, 2017 359: j5468
Early death after discharge from emergency departments: analysis of national US insurance claims data Obermeyer Z, Cohn B, Wilson M, Jena AB, Cutler DM	*BMJ*, 2017 356: j239
Predicting the future—big data, machine learning, and clinical medicine Obermeyer Z, Emanuel EJ	*NEJM*, 2016 375(13): 1216–1219
Prediction policy problems Kleinberg J, Ludwig J, Mullainathan S, Obermeyer Z	*AER: P&P*, 2015 105(5): 491–495