

# Stanford

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## Sherri Rose

Professor of Health Policy

### Bio

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#### BIO

Sherri Rose, Ph.D. is a Professor of Health Policy and Co-Director of the Health Policy Data Science Lab at Stanford University. Her research is centered on developing and integrating innovative statistical machine learning approaches to improve human health and health equity. Within health policy, Dr. Rose works on risk adjustment, ethical algorithms in health care, comparative effectiveness research, and health program evaluation. She has published interdisciplinary projects across varied outlets, including *Biometrics*, *Journal of the American Statistical Association*, *Journal of Health Economics*, *Health Affairs*, and *New England Journal of Medicine*. In 2011, Dr. Rose coauthored the first book on machine learning for causal inference, with a sequel text released in 2018. She has been Co-Editor-in-Chief of the journal *Biostatistics* since 2019.

Her honors include an NIH Director's Pioneer Award, NIH Director's New Innovator Award, the ISPOR Bernie J. O'Brien New Investigator Award, and Mid-Career Awards from the American Statistical Association's Health Policy Statistics Section, Washington Statistical Society/RTI-International, and Penn-Rutgers Center for Causal Inference. Dr. Rose was named a Fellow of the American Statistical Association in 2020 and she received the 2021 Mortimer Spiegelman Award, which recognizes the statistician under age 40 who has made the most significant contributions to public health statistics. Her research has been featured in *The New York Times*, *USA Today*, and *The Boston Globe*.

Dr. Rose comes from a low-income background and is committed to increasing justice, equity, diversity and inclusion (JEDI) in the mathematical and health sciences. Included in this work are her roles as founding Co-Director of the Stanford Population Health Summer Research Program: Advancing Health Equity and Diversity (AHEaD) and Co-Chair of Stanford Health Policy's JEDI Committee. As Chair of the American Statistical Association's Biometrics Section, she established the Annie T. Randall Innovator Award, which honors Mrs. Randall's pioneering career in government amid pervasive racism and recognizes early career trailblazers.

#### ACADEMIC APPOINTMENTS

- Professor, Health Policy

#### ADMINISTRATIVE APPOINTMENTS

- Chair, Committee on Academic Computing and Information Systems, Academic Council, Stanford University, (2022- present)
- Co-Chair, Stanford Health Policy Justice, Equity, Diversity & Inclusion Committee, (2021- present)
- Organizer, Stanford Health Policy Health Equity Lecture Series, (2021- present)
- Founding Co-Director, Stanford Population Health Summer Research Program: Advancing Health Equity and Diversity, (2020- present)

#### HONORS AND AWARDS

- NIH Director's Pioneer Award, NIH (2022-2027)

- Mortimer Spiegelman Award, American Public Health Association (2021)
- Fellow, American Statistical Association (2020)
- NIH Director's New Innovator Award, NIH (2017-2022)

## PROFESSIONAL EDUCATION

- NSF Postdoctoral Fellow, Johns Hopkins University , Biostatistics (2013)
- PhD, University of California, Berkeley , Biostatistics (2011)
- BS, The George Washington University , Statistics (2005)

## LINKS

- drsherrirose.org: <http://www.drsherrirose.org>
- Health Policy Data Science Lab: <http://www.healthpolicydatascience.org>

## Teaching

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### COURSES

#### 2022-23

- Decoding Academia: Power, Hierarchies, and Transforming Institutions: HRP 255 (Spr)

#### 2021-22

- Decoding Academia: Power, Hierarchies, and Transforming Institutions: HRP 255 (Spr)

### STANFORD ADVISEES

Issa Sylla

#### Doctoral Dissertation Reader (AC)

Minh Nguyen

#### Doctoral Dissertation Advisor (AC)

Gabi Basel, Oana Enache, Sergio Gonzales

#### Doctoral (Program)

Agata Foryciarz