

Michelle Shardell-Candidate for RECOM



Employment:

Current Positions (as of DATE):

Professor (Tenured) and Vice Chair for Research, Department of Epidemiology and Public Health, University of Maryland School of Medicine

Professor (Tenured), Institute for Genome Sciences, University of Maryland School of Medicine

Director, Division of Biostatistics and Bioinformatics, Department of Epidemiology and Public Health, University of Maryland School of Medicine

Prior Positions:

Staff Scientist, National Institute on Aging Intramural Research Program

Assistant Professor and Associate Professor, Department of Epidemiology and Public Health, University of Maryland School of Medicine

Education:

PhD, Biostatistics, Johns Hopkins University Bloomberg School of Public Health

MS, Biostatistics, University of Michigan School of Public Health

BS, Mathematics, University of Florida

Professional Innovation and Accomplishments (etc. research, teaching, management, leadership, and team-building):

Research Interests: Biostatistics and epidemiology of aging, causal inference, proxy data, longitudinal analysis

Publications: I have over 220 peer-reviewed publications (h-index=70, citations>22,430) in journals such as JASA, Biometrics, Biostatistics, Statistics in Medicine, International J of Epidemiology, American J Epidemiology, Epidemiology, JAMA, Nature Medicine, and multiple journals in the fields of aging, gerontology, geriatrics, and geroscience. Notably, I served as lead statistician on the second-most cited paper published in the Journals of Gerontology, the flagship journal of the Gerontological Society of America.

Honors Include:

Fellow of the American Statistical Association

Fellow of the Gerontological Society of America

Elected Member of the International Statistical Institute

Strategic Initiatives Award, American Statistical Association Biometrics Section

William G. Coleman Minority Health and Health Disparities Research Innovation Award, National Institute on Minority Health and Health Disparities

Service to the Profession (etc. ENAR and other professional societies):

Editorial Activities: Statistical Editor for Journals of Gerontology, Statistical Reviewer for JAMA Network Open

Service and Committee Work for the Profession:

Standing member, Analytics and Statistics for Population Research Panel A (ASPA) NIH Study Section

Member, Leadership Support Council, Representative to the Joint Statistical Meetings Program Committee, American Statistical Association

Chair-Elect, American Statistical Association Statistics in Epidemiology Section

Member, Methodology Committee, Patient-Centered Outcomes Research Institute

Interest Group Chair, Council of Sections, American Statistical Association

Member, Committee of Representatives to the American Association for the Advancement of Science, American Statistical Association

Founding Program Chair, Statistics and Data Science in Aging Interest Group, American Statistical Association

Member, Vice Chair, Chair, Statistical Partnerships Among Academe, Industry, and Government Committee, American Statistical Association

Program Chair-Elect, Program Chair, Past Program Chair, American Statistical Association Statistics in Epidemiology Section

Council of Sections Governing Board Representative, American Statistical Association

Board of Directors Member, American Statistical Association

Regional Advisory Board Member, Eastern North American Region of the International Biometric Society

Convener of the Measurement, Statistics, and Research Design Interest Group; Gerontological Society of America

Additional Leadership Roles:

Director, Biostatistics Core, Institute for Clinical and Translational Research, University of Maryland, Baltimore

Co-Director, Biostatistics and Informatics Core, University of Maryland Claude D Pepper Older Americans Independence Center, University of Maryland, Baltimore

Organized and presented in multiple invited and topic-contributed sessions for ENAR Spring Meeting, International Biometric Conference, Joint Statistical Meetings, and Gerontological Society of America Annual Meeting

Principal Investigator of multiple grants from the NIH (K25, R03, R56, RF1, R01 x 3)

Developed a successful Mock Study Section in my department to enhance grant funding

Served as Biostatistics Mentor to multiple trainees supported by institutional (T32, K12) and individual (F31, F32, K01, K08, K23, K76) NIH grant funding.

Co-founded the ASA Statistics and Data Science in Aging Interest Group, which has over 450 members, to promote career development and quantitative research in aging