

Howard Chang-Candidate for President-Elect



Employment:

Current Positions (As of Date): Professor (2021-), Department of Biostatistics and Bioinformatics, Emory University

Prior Positions:

- Associate Professor, Emory University
- Assistant Professor, Emory University
- Postdoctoral Fellow, Statistical and Mathematical Sciences Institute (SAMSI)

Education:

- PhD in Biostatistics, Johns Hopkins University
- BSc in Statistics and Microbiology & Immunology, University of British Columbia

Professional Innovation and Accomplishments

My research focuses on environmental biostatistics, spatial epidemiology, climate and health, and Bayesian methods. I also collaborate in areas of cardiometabolic disease, respiratory infection, and community intervention trials. I have served as the PI/MPI for 8 NIH research grants and have published over 300 journal articles. Beyond research, I have also been leading biostatistics education at Emory through curriculum development and degree program creation.

Service to the Profession

I have a record of service to ENAR, including being a member of the ENAR Regional Committee (2021-2023) and planning for ENAR Spring meetings (Local Organizing Chair in 2018, Program Chair in 2021). In 2019, I also chaired the ENAR Workshop for Junior Biostatisticians in Health Research. In addition to ENAR, my professional service also includes roles in the American Public Health Association's Applied Public Health Statistics Section (Section Councilor 2015-2018, Governing Councilor 2019-2021). Additionally, I have served the broader scientific community as an Associate Editor for JASA Applications and Case Studies, a standing member of an NIH grant review panel, and a consultant for the US CDC and the WHO.

Candidate Platform:

What is your vision for ENAR? Is there anything you'd like to see accomplished?:

It is an honor to be nominated for the ENAR President-Elect position. ENAR has provided me with many rewarding professional experiences and invaluable mentorship for the past 15 years, and I welcome the opportunity to give back to the organization. I believe a professional society's core purpose is to meet the needs of its members. My vision for ENAR is shaped by a simple question: What makes ENAR unique and relevant among professional societies? To me, ENAR is a community with regional accessibility that is intimate enough for every member to feel included, yet large enough to bring

together members from academia, government, and industry. This diversity fosters the cross-fertilization of ideas and creates opportunities for meaningful interactions and collaborations. As President-Elect, I will work alongside officers and members to advance several priorities. We will continue our tradition of excellence in supporting the next generation of quantitative professionals while remaining forward-looking and responsive to the changing workforce and educational needs of the profession. We will develop proactive strategies to engage and retain current members and to deepen collaborations with other regional societies from both Canada and the United States. To support our core mission, we will also expand ENAR's visibility and strengthen its long-term financial sustainability. Finally, we will reinforce our commitment to inclusion, diversity, equity, and accessibility, ensuring ENAR remains a supportive and welcoming professional home. Achieving this vision will require listening to your ideas, experiences and perspectives, and I hope to have the opportunity to work with you to shape ENAR's future.