

Candidate for Councilor

Gabrielle Wong-Parodi



I am an Assistant Professor in the Department of Earth System Science and a Center Fellow at the Woods Institute for the Environment at Stanford University. I am also an adjunct Assistant Professor in the Department of Engineering and Public Policy at Carnegie Mellon University. I serve on the American Psychological Association's Climate Change Task Force committee, the National Academies' advisory committee to the U.S. Global Change Research Program, the National Hazards Engineering Research Infrastructure's Science Plan committee, and as an editorial board member for *Energy Research and Social Science*. I received my B.A. in Psychology at the University of California, Berkeley, and my M.A. and Ph.D. in Risk Perceptions and Communication from the University of California, Berkeley.

Since attending my first annual meeting in 2011, SRA has been my intellectual "home." Over the past ten years, I have presented at annual meetings and encouraged my colleagues and students to also attend. I served on the annual meeting program committee in 2020, and reviewed abstracts and organized sessions for the upcoming 2021 annual meeting. I also participated as a panelist for an SRA podcast on the impact of COVID-19 and stay-at-home orders on the work of SRA members in 2020.

My research applies behavioral decision science approaches to understand responses to global environmental change and develop evidence-based strategies to meet the challenge of that change. I often work on interdisciplinary or transdisciplinary teams that integrate objective exposures (e.g., storm parameters, climate trends, COVID-19 confirmed cases, air pollution) using geo-spatial analytical techniques with actual and self-reported protective health behaviors and outcomes. I have worked on a diverse set of decisions regarding the risks of global environmental change (e.g., sea-level rise, hurricanes, tornadoes, infectious diseases) and possible solutions (e.g., carbon capture and storage, energy efficiency). My research has resulted in 60 peer reviewed publications, and is supported by the National Science Foundation, Environmental Protection Agency, and Gulf Research Program, among others. I teach and mentor students and postdocs who work at the intersection of decision science and environmental change. My course titled *Decision Science for Environmental Threats* attracts students from law, engineering, psychology, communications, and the environmental sciences, and students are introduced to concepts from risk analysis including those pertaining to risk perceptions and communication. My service-learning course, *Shaping the Future of Bay Area (SFBA)*, partners students with community organizations focusing on research projects where local, at-risk communities face overlapping crises (e.g., COVID-19, heatwaves, and wildfires). Research insights from this course have been used by community organizations to develop policies, risk communications, and grant proposals aimed at alleviating hazard impacts.

Statement of Goals

The Society for Risk Analysis (SRA) is uniquely positioned to be risk analysis insights resource for reducing and managing global risks. If elected as a Council member, my primary goals are the following: (1) raising the profile of the Society through engagements with other scientific, social justice, professional, health, and environmental organizations by leveraging existing networks and using social media platforms; (2) enlarging the number of practitioners using SRA members' research, teaching, and practice insights, by reaching out to professional organizations and leveraging and expanding the resources section of SRA's digital platform; and (3) engaging with and promoting the training of the next generation of scholars and practitioners, by identifying ways and strategies for incorporating risk analysis curriculum into all levels of education and engaging specifically with junior scholars not well-represented in the Society. It would be a great honor to serve as Council member, and I am excited about the opportunity to contribute my expertise and enthusiasm to support and sustain SRA's mission and membership.