



## Natalie Herbert

Physical Science Research Scientist  
Earth System Science

### Bio

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#### BIO

NATALIE HERBERT is a Research Scientist in the Department of Earth Systems Science at the Doerr School of Sustainability. Her research investigates decision-making in the face of environmental risk. She completed her Ph.D. in 2020 at the Annenberg School for Communication, where she researched health and science communication with a focus on communicating scientific uncertainty. Natalie was a Christine Mirzayan Science and Technology Policy Graduate Fellow at the National Academies of Sciences, Engineering, and Medicine.

#### ACADEMIC APPOINTMENTS

- Phys Sci Res Assoc, Earth System Science

#### PROFESSIONAL EDUCATION

- PhD, Annenberg School for Communication, University of Pennsylvania , Communication (2020)
- MA, Annenberg School for Communication, University of Pennsylvania , Communication
- BA, University of California, Los Angeles , Political Science

### Publications

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#### PUBLICATIONS

- **Descriptive social norms, social support, and behavioral response to climate-related and co-occurring health hazards** *JOURNAL OF RISK RESEARCH*  
Santana, F. N., Herbert, N., Wong-Parodi, G.  
2024
- **Improving adaptation to wildfire smoke and extreme heat in frontline communities: evidence from a community-engaged pilot study in the San Francisco Bay Area** *ENVIRONMENTAL RESEARCH LETTERS*  
Herbert, N., Beckman, C., Cannedy, C., Cao, J., Cho, S., Fischer, S., Huang, S., Kramer, S. J., Lopez, O., Lopez, S., Ouyang, D., Suckale, J., Wulf-Saena, et al  
2023; 18 (7)
- **Leveraging immersive technology to expand access to opioid overdose reversal training in community settings: Results from a randomized controlled equivalence trial** *DRUG AND ALCOHOL DEPENDENCE*  
Herbert, N., Axson, S., Siegel, L., Cassidy, K., Hoyt-Brennan, A., Whitney, C., Herens, A., Giordano, N. A.  
2020; 214: 108160
- **The role of information avoidance in managing uncertainty from conflicting recommendations about electronic cigarettes** *Communication Monographs*  
Yang, Q., Herbert, N., Yang, S., Alber, J., Ophir, Y., Cappella, J. N.  
2020
- **Support or competition? How online social networks increase physical activity: A randomized controlled trial.** *Preventive medicine reports*  
Zhang, J., Brackbill, D., Yang, S., Becker, J., Herbert, N., Centola, D.

2016; 4: 453-8