

GABRIELLE WONG-PARODI

473 Via Ortega • Stanford, CA 94305 • Phone: (650) 725-6457 • Fax: (650) 498-5099 • E-Mail: gwongpar@stanford.edu

EDUCATION

2011 PhD in Social and Behavioral Sciences (ERG) at the University of California, Berkeley

2007 MA in Social and Behavioral Sciences (ERG) at the University of California, Berkeley

2003 BA in Psychology (High Honors) at the University of California, Berkeley

APPOINTMENTS

- Assistant Professor of Earth System Science (Social and Behavioral Sciences), Stanford University, 2019-present
- Center Fellow, Woods Institute for the Environment, Stanford University, 2019-present
- Assistant Research Professor of Social and Behavioral Sciences, Carnegie Mellon University, 2015-2019 (Research Scientist, 2013-2015; Postdoctoral Fellow, 2011-2013)
- Affiliate Research Scientist of Behavioral Decision Sciences, Lawrence Berkeley Laboratory, 2016-present (Principal Research Associate, 2004-2011)
- Graduate Student Instructor in the Environmental Sciences, University of California, 2004-2011

PUBLICATIONS

Archival papers critically reviewed before publication

1. Drummond, C., States, S., & **Wong-Parodi, G.** (accepted). Factors Associated with the Adoption of Renewable Energy Amongst Botanical Garden Members. *Environmental Research Communications*.
2. **Wong-Parodi, G.** & Babcock, M. (accepted). Scientific forecast use and factors of influence in water-constrained contexts: The case of Guanacaste, Costa Rica. *Climate Services*.
3. **Wong-Parodi, G.**, Mach, K.J., Jagannathan, K., & Sjostrom, K.D. (2020). Insights for developing effective decision support tools for environmental sustainability. *Current Opinion in Environmental Sustainability*.
4. Mach, K.J., Lemos, M.C., Meadow, A.M., Wyborn, C., Klenk, N., Arnott, J.C., Ardoin, N.M., Fieseler, C., Moss, R.H., Nichols, L., Stults, M., Vaughn, C., & **Wong-Parodi, G.** (2020). Actionable knowledge and the art of engagement. *Current Opinion in Environmental Sustainability*.
5. **Wong-Parodi, G.** & Feygina, I. (2020). Understanding and countering the motivated roots of climate change denial. *Current Opinion in Environmental Sustainability*.
6. Tan, H., **Wong-Parodi, G.**, Xu, J. (2020). Not under my backyard? Psychological distance, local acceptance, and shale gas development in China. *Energy Research & Social Sciences*, 61, 101336.
7. Qin, C., **Wong-Parodi, G.**, & Fan, B. (2020). Different preferences for recovery options of residential fire disasters: The effect of decision role and stressed emotion. *International Journal of Disaster Risk Reduction*, 101383.
8. Yang, Y., **Wong-Parodi, G.**, & Fischhoff, B. (2019). How stable are preferences among emerging electricity generation technologies. *Environmental Research Communications*.
9. **Wong-Parodi, G.**, Krishnamurti, T., Gluck, J., & Argawal, Y. (2019). Encouraging energy conservation at work: A field study testing social norm feedback and awareness of monitoring. *Energy Policy*, 130, 197-205.
10. Tan, H. Xu, J., & **Wong-Parodi, G.** (2019). The politics of Asian fracking: Public risk perceptions towards shale gas development in China. *Energy Research & Social Science*, 54, 46-55.
11. Hanus, N., **Wong-Parodi, G.**, Darghouth, N., Vaishnav, P., & Azevedo, I. (2019). Solar PV as a mitigation strategy for the U.S. education sector. *Environmental Research Letters*, 14(4), 044004.

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12. Spurlock, C.A., Sears, J., **Wong-Parodi, G.**, Walker, V., Jin, L., Taylor, M., Duvall, A., Gopal, A., & Todd, A. (2019). Describing the users: Understanding adoption of and interest in shared, electrified, and automated transportation in the San Francisco Bay Area. *Transportation Research Part D: Transport and Environment*, 71, 281-301.
13. Small, M. J., **Wong-Parodi, G.**, Kefford, B. M., Stringer, M., Schmeda-Lopez, D. R., Greig, C., Ballinger, B., Wilson, S. & Smart, S. (2019). Generating linked technology-socioeconomic scenarios for emerging energy transitions. *Applied Energy*, 239, 1402-1423.
14. **Wong-Parodi, G.** & Small, M. (2019). A decision-centered method to evaluate natural hazards decision aids by interdisciplinary research teams. *Risk Analysis*.
15. Davis, A., **Wong-Parodi, G.**, & Krishnamurti, T. (2019). Neither a borrower nor a lender be: Beyond cost in energy efficiency decision-making among office buildings in the United States. *Energy Research & Social Science*, 47, 37-45.
16. Lemos, M.C., Arnott, J., Ardoin, N.M., Baja, K., Bednarek, A., Dewulf, A., Fieseler, C., Goodrich, K., Jagannathan, K., Klenk, N., Mach, K.J., Meadow, A.M., Meyer, R., Moss, R., Nichols, L., Sjostrom, K.D., Stults, M., Turnhout, E., Vaughan, C., **Wong-Parodi, G.**, & Wyborn, C. (2018). To co-produce or not to co-produce. *Nature Sustainability*, 1(12), 722.
17. **Wong-Parodi, G.**, & Feygina, I. (2018). How context, attitudes, and psychosocial factors influences (mal)adaptive responses to natural disasters: The case of Hurricane Matthew. *Weather, Climate and Society*, 10(4), 747-768.
18. Qin, C., Xu, Jianhua, **Wong-Parodi, G.**, & Xue, L. (2018). Change in public concern and responsive behaviors toward air pollution *Under the Dome*. *Risk Analysis*.
19. Necefer, L., **Wong-Parodi, G.**, Small, M., & Begay-Campbell, S. (2018). Integrating technical, economic and cultural impacts in a decision support tool for energy resource management in the Navajo Nation. *Energy Strategy Reviews*, 22, 136-146.
20. **Wong-Parodi, G.**, Fischhoff, B., & Strauss, B. (2018). Effect of risk and protective decision aids on flood preparation in vulnerable communities. *Weather, Climate and Society*, 10, 401-417.
21. Hanus, N., **Wong-Parodi, G.**, Hoyos, L., & Rauch, M. (2018). Framing clean energy campaigns to promote civic engagement among parents. *Environmental Research Letters*, 13(3), 034021.
22. **Wong-Parodi, G.**, Dias, B., & Taylor, M. (2018). Effects of using indoor air quality sensors on perceptions and behaviors: Pittsburgh empowerment lending library study. *JMIR Public Health & Surveillance*, 6(3), e48.
23. Fischhoff, B., **Wong-Parodi, G.**, Garfin, D.G., Silver, R.C., & Holman, E.A. (2018). Public understanding of Ebola risks: Mastering an unfamiliar threat. *Risk Analysis*. DOI: 10.1111/risa.12794
24. Hanus, N., **Wong-Parodi, G.**, Small, M., & Grossmann, I. (2018). The role of psychology and social influences in energy efficiency adoption. *Energy Efficiency*, 11(2), 371-391. DOI: 10.1007/s12053-017-9568-6.
25. **Wong-Parodi, G.** & Klima, K. (2017). Preparing for local adaptation: A study of community understanding and support. *Climatic Change*, DOI: 10.1007/s10584-017-2088-8
26. Volken, S., **Wong-Parodi, G.**, Trutnevyte, E. (2017). Public awareness and perception of environmental, health and safety risks to electricity generation: An explorative interview study in Switzerland. *Journal of Risk Research*.
27. Krishnamurti, T., Davis, A., **Wong-Parodi, G.**, Fischhoff, B., Sadovksy, Y., & Simhan, H. (2017). MyHealthyPregnancy: A tool for assessing and communicating preterm birth risk. *JMIR mhealth and uhealth*, 5(1):e42.

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28. **Wong-Parodi, G.**, Fischhoff, B., & Strauss, B. (2017). Plans and prospects for coastal flooding in four communities affected by Sandy. *Weather, Climate and Society*, DOI: 10.1175/WCAS-D-16.0042.1.
29. Babcock, M., **Wong-Parodi, G.**, Grossmann, I., & Small, M. (2016). Stakeholder perceptions of water systems and hydro-climate information in Guanacaste, Costa Rica. *Earth Perspectives*, 1, 1-13.
30. **Wong-Parodi, G.**, Krishnamurti, T., Davis, A., Schwartz, D., & Fischhoff, B (2016). Integrating social science in climate and energy solutions: A decision science approach. *Nature Climate Change*, 6, 563-569.
31. **Wong-Parodi, G.**, & Bruine de Bruin, W (2016). Informing public perceptions about climate change: A 'mental models' approach. *Science and Engineering Ethics*, 23(5), 1369-1386.
32. **Wong-Parodi, G.**, & Fischhoff, B. (2015). The influences of symbolic and practical cues on climate change decisions, *Environmental Research Letters*, 10(2015) 034004.
33. **Wong-Parodi, G.**, Fischhoff, B., & Strauss, B. (2015). Resilience vs. Adaptation: Framing and action. *Climate Risk Management*, 10, 1-7.
34. Necefer, L., **Wong-Parodi, G.**, Jaramillo, P., & Small, M. (2015). Energy development and Native Americans: Values and beliefs about energy in the Navajo Nation, *Energy Research and Social Science*, 7, 1-11.
35. Israel, A.L., **Wong-Parodi, G.**, Webler, T., & Stern, P. (2015). Eliciting public concerns about emerging energy technology: The case of unconventional shale gas in the United States, *Energy Research and Social Science*, 8, 129-150.
36. Canfield, C., Bruine de Bruin, W., & **Wong-Parodi, G.** (2015). Perceptions of electricity-use communications: effects of information, format, and individual differences. *Journal of Risk Research*, 1-22.
37. **Wong-Parodi, G.**, Fischhoff, B., & Strauss, B. (2014). A method to evaluate the usability of interactive climate change impact decision aids, *Climatic Change*, 126(3-4), 485-493.
38. **Wong-Parodi, G.**, & Strauss, B. (2014) Team science for science communication, *Proceedings of the National Academy of Sciences*, 111 (Supplement 4), 13658-13663.
39. Bruine de Bruin, W., & **Wong-Parodi, G.** (2014). The role of initial impressions in responses to educational communications: The case of carbon capture and sequestration, *Journal of Experimental Psychology: Applied*, 20(2), 126-135.
40. Small, M., Stern, P., **Wong-Parodi, G.**, et al. (2014). Risk and risk governance in unconventional shale gas development, *Environmental Science and Technology*, 48(15), 8287-8934.
41. Bruine de Bruin, W., **Wong-Parodi, G.** & Morgan, G. (2014). Public perceptions of flood risk and the role of climate change, *Environment, Systems, and Decisions*, 34:591-599.
42. Krishnamurti, T., Davis, A. L., **Wong-Parodi, G.**, Wang, J., & Canfield, C. (2013). Creating an in-home display: Experimental evidence and guidelines for design. *Applied Energy*, 108, 448-458.
43. **Wong-Parodi, G.**, Bruine de Bruin, W., & Canfield, C. (2013). Effects of simplifying outreach materials for energy conservation programs that target low-income consumers, *Energy Policy*, 62, 1157-1164.
44. **Wong-Parodi, G.**, Dowlatabadi, H., McDaniels, T., & Ray, I. (2011). Influencing attitudes towards carbon capture and sequestration: A social marketing approach, *Environmental Science and Technology*, 45(16), 6743-51.
45. **Wong-Parodi, G.**, & Ray, I. (2009). Community perceptions of carbon sequestration: Insights from California. *Environmental Research Letters*, 4, 034002.

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46. Bradbury, J., Ray, I., Peterson, T.R., **Wong-Parodi, G.**, & Feldpausch, A. (2009). The role of social factors in shaping public perceptions of CCS: Results of multi-state focus group interviews in the U.S. *Energy Procedia*, 1, 4665-72.
47. Lekov, A., Franco, V., **Wong-Parodi, G.**, McMahon, J., & Chan, P. (2009). Economics of residential gas furnaces and water heaters in U.S. new construction market, *Energy Efficiency*, 3(3), 203-22.
48. **Wong-Parodi, G.**, Ray, I., & Farrell, A. (2008). Environmental non-governmental organizations' perceptions of geologic sequestration, *Environmental Research Letters*, 3.
49. **Wong-Parodi, G.**, Dale, L., & Lekov, A. (2006). Comparing price forecast accuracy of natural gas models and futures markets, *Energy Policy*, 34(18), 4115-22.

Papers in symposium or conference proceedings fully reviewed prior to publication

1. Blanford, J.I., Bernhardt, J., Savelyev, A., **Wong-Parodi, G.**, Carleton, A.M., Titley, D., & MacEachren, A.M. (2014). Tweeting and Tornadoes, *Proceedings of the 11th International ISCRAM Conference*, May 2014.
Review Process: Anonymous peer review of complete manuscript prior to acceptance.
2. Hanus, N., Small, M., **Wong-Parodi, G.**, & Grossmann, I. (2015, August). Leveraging Pittsburgh's Energy Efficiency Social Network to Predict Next Adopters. In *Proceedings of the 2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining 2015* (pp. 920-921). ACM.
Review Process: Anonymous peer review of complete manuscript prior to acceptance.

Sections or chapters in edited monographs or similar volumes

1. **Wong-Parodi, G.**, Kirby, J., Miller, R., & Girard, M. (2016). Considering the effect of incorporating home energy performance ratings into real estate listings. In B. G. Southwell, E. M. B. Doran, L. S. Richman (Eds.), *Innovations in home energy use: a sourcebook for behavior change* (pp. 61-85). Research Triangle Park, NC: RTI Press.

Other writings (technical reports, testimony and reviews)

1. **Wong-Parodi, G.** (2017). A state of denial: Case studies of climate censorship in Wyoming reveal the insidious nature of modern science suppression, *Science*, 356(6336), 385.
2. **Wong-Parodi, G.** (2016). The great debate, *Science*, 353(6303), 997-997.
3. Carr, A., **Wong-Parodi, G.**, Itaoka, K., Saito, A., Dowd, A., Rodriguez, S., & Ray, I. (2010). Investigating carbon capture and storage (CCS) opinions via survey and focus group methods: An experimental comparison in Australia, Japan, and the United States of America. Report No. EP 11942. The Commonwealth Scientific and Industrial Research Organisation, Australia.
4. Lekov, A., Sturges, A., & **Wong-Parodi, G.** (2010). Impacts of imported liquefied natural gas on residential appliance components: Literature review. June, 1, 2010. Report No. LBNL-2906E. Lawrence Berkeley Laboratory, CA.
5. Lekov, A., Franco, V., **Wong-Parodi, G.**, McMahon, J., & Chan, P. (2009). Economics of residential gas furnaces and water heaters in U.S. new construction market, *Energy Efficiency*, 3(3), 203-22.
6. **Wong-Parodi, G.**, Lekov, A., & Dale, L. (2005). Natural gas price forecasting – AEO versus Henry Hub. February 9, 2005. Report No. LBNL-5780. Lawrence Berkeley Laboratory, Berkeley, CA.

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INVITED TALKS, PRESENTATIONS, POSTERS

1. Communication, preparation, and response: The effects of environmental threats on health and behavior, UCSC, February 25, 2020.
2. Communication, preparation, and response: The effects of environmental threats on health and behavior, AAAS, February 16, 2020.
3. Communication, preparation, and response: Environmental threats affect health and behaviors, GOMOSSES, February 5, 2020.
4. Insights for developing effective decision support tools for environmental sustainability, AGU, December 13, 2019.
5. Climate change attribution during and following Hurricane Irma: The role of experience and vulnerability, SRA, December 11, 2019.
6. Meeting the threat of environmental change, ESS 305, November 21, 2019.
7. Identifying regionally dependent barriers in the carbon capture and storage industry, Precourt Institute for Energy Annual Meeting, October 2, 2019.
8. Understanding the social and behavioral aspects of transitioning to a low carbon future, Princeton University, September 6, 2019.
9. Prompting environmental behavior change: From science to practice, The National Press Club, July 31, 2019.
10. Integrating social science into global environmental change solutions, Stanford Surge, June 26, 2019.
11. Integrating social science into global environmental change solutions, NCAR, June 20, 2019.
12. Integrating social science into global environmental change solutions, Stanford Oceans, May 8, 2019.
13. Integrating social science into global environmental change solutions, Stanford Earth, April 19, 2019.
14. Human responses to environmental change, Stanford Earth, April 11, 2019.
15. Direct-to-consumer particulate matter monitor, AAAS, February 17, 2019.
16. Meeting the challenge of environmental change, E-IPER, February 6, 2019.
17. Integrating social science into global environmental change solutions: A decision science approach, Earth System Science/Woods Institute for the Environment, February 28, 2018.
18. Integrating social science coastal environmental change solutions: A decision science approach, School of Marine Science and Environmental Affairs, February 20, 2018.
19. Integrating social science into global environmental change solutions: A decision science approach, Energy and Resources Group, February 14, 2018.
20. Effect of risk and protective decision aids on flood preparation in vulnerable communities, Society of Risk Analysis, December 13, 2017.
21. Effects of using indoor air quality sensors on perceptions and behaviors: Pittsburgh empowerment lending library study, Society of Risk Analysis, December 13, 2017.
22. Responding to the risks of Hurricane Irma: Choices and adjustments over time, Wharton, University of Pennsylvania, December 12, 2017.
23. Decision-centered Design For Social Good Technologies, Human Centered Design and Engineering, University of Washington, April 7, 2017.
24. Behaviorally Realistic Communications To Enhance Coastal Resilience, 2017 Natural Capital Symposium, March 20, 2017.
25. Applying Decision Science Concepts To Measure and Improve Impacts Of Scientific Information For Public And Private Decision Making, Natural Capital Group, Stanford University, March 14, 2017.
26. Risk Communication, Aspen Institute Dialogue Series on Shale Production and Governance, Aspen Institute, Aspen, CO, February 25-27, 2017.
27. Exploring how stakeholder perceptions and interactions can inform decisions about managing freshwater resources, Stanford University, Palo Alto, CA, January 18, 2017.
28. Behavioral Decision Approach for Informed Decision Making, Stanford University, Palo Alto, CA, January 18, 2017.

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29. Behavioral Decision Approach for Informed Decision Making, Exploratorium, San Francisco, CA, December 14, 2016.
30. National Academies of Science Workshop: Personal Environmental Exposure Measurements: Making Sense and Making Use of Emerging Capabilities, Washington, DC, November 16-17, 2016.
31. Aspen Institute Dialogue Series on Shale Production and Governance, Aspen Institute, Aspen, CO, October 21-24, 2016.
32. Understanding how to effectively reduce personal computer electricity consumption in an office setting. Center Climate and Energy Decision Making, Carnegie Mellon University, May 2016.
33. Preparing for local adaptation: Understanding flood risk perceptions in Pittsburgh. American Geophysical Union Annual Meeting, December 14-18, 2015.
34. Developing behaviorally realistic risk communications for communities vulnerable to coastal flooding. Society for Risk Analysis Annual Meeting, December 7-11, 2015.
35. Assessing the accuracy and consistency of Ebola risk perceptions and behaviors. Society for Risk Analysis Annual Meeting, December 7-11, 2015.
36. Behaviorally realistic communications to improve the public's response to and preparedness for high impact storm events, Coastal Storm Awareness Program Project Meeting, New Jersey Institute of Technology, May 26, 2015.
37. Preparing for coastal flooding risk in vulnerable communities, Center for Climate and Energy Decision Making, Carnegie Mellon University, May 21, 2015.
38. The influence of political cues and practical information on climate change decisions, University of California, Davis, February 19, 2015.
39. Communicating relevant science for decision making: A behavioral decision approach, Carnegie Mellon University, January 27, 2015.
40. The influences of symbolic and practical cues on climate change decisions, Society for Risk Analysis, Denver, CO, December 8, 2014.
41. Resilience vs. Adaptation: Framing and action, Society for Risk Analysis, Denver, CO, December 8, 2014.
42. The influences of symbolic and practical cues on climate change decisions, Society for Judgment and Decision Making, Long Beach, CA, November 22, 2014.
43. Building urban resilience & sustainability: A behavioral decision approach, University of Wisconsin, November 2, 2014.
44. Science of climate change communication, Bocconi University, Milan, Italy, July 16-17, 2014.
45. Building urban resilience & sustainability: A behavioral decision approach, University of Washington, May 1, 2014.
46. The influences of symbolic and practical cues on climate change decisions, Center Climate and Energy Decision Making, Carnegie Mellon University, April 14, 2014.
47. The influences of symbolic and practical cues on climate change decisions, Penn State University, March 21, 2014.
48. Promoting social and ecological sustainability: A behavioral decision approach, University of Michigan, January 21, 2014.
49. Communicating extreme weather: An evidence-based approach, Penn State University, November 20, 2013.
50. Designing for understanding, Carnegie Mellon Electricity Industry Center, October 16-17, 2013.

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51. Collaboration|Communication, National Academy of Sciences, Sackler Colloquia: Science of Science Communication II, September 23-25, 2013.
52. Risk governance concerns among the public, National Academies Shale Gas Workshop, August 17, 2013.
53. Designing for usability, Center for Climate and Energy Decision-Making NSF Advisory Meeting, Pittsburgh, PA (2013).
54. Perceptions of flood risk, Center for Climate and Energy Decision-Making, Pittsburgh, PA (2013).
55. Informed decision-making about natural disasters, American Geophysical Union, San Francisco, CA (2012).
56. Biased communications, Society for Judgment and Decision Making Annual Meeting, Minneapolis, MN (2012).
57. Biased communications, Climate and Energy Decision-Making Annual Meeting, Pittsburgh, PA (2012).
58. Public perceptions of carbon capture and sequestration, Carnegie Mellon Electricity Industry Center, Pittsburgh, PA (2012).
59. Communicating about controversial technologies, Department of Engineering and Public Policy Seminar, Pittsburgh, PA (2012).
60. Public perceptions of carbon capture and sequestration, Energy and Resources Group Seminar, Berkeley, CA (2011).
61. Cross cultural comparison of perceptions about carbon capture and sequestration, CCS Science Research Network, Yokohama, Japan (2010).
62. Public perceptions of carbon capture and sequestration, U.S. Department of Energy: Research Experience in Carbon Sequestration, Albuquerque, NM (2010).
63. Communicating about Climate Change, International Energy Administration: Greenhouse Gas Summer School, Lorne, Australia (2009).
64. Community perceptions of CCS, Greenhouse Gas Technologies Meeting, Washington, DC (2008).
65. Behavioral decision-making methods, U.S. Department of Energy: Research Experience in Carbon Sequestration, Albuquerque, NM (2008).
66. Community perceptions of CCS, American Geophysical Union, San Francisco, CA (2007).
67. Community perceptions of CCS, International Risk Governance Council: Regulating and Financing Carbon Capture and Storage, Rüslikon, Switzerland (2007).
68. Community perceptions of CCS, Carbon Capture and Storage Communications Workshop, Banff, Alberta, Canada (2007).
69. Improving the efficiency of residential appliances, American Council on an Energy Efficient Economy, Asilomar, CA (2006).
70. Residential appliances: Furnaces and Boilers, American Council on an Energy Efficient Economy, Asilomar, CA (2006).
71. AEO versus Henry Hub, American Council on an Energy Efficient Economy, Asilomar, CA (2004).
72. Gendered expectations and academic performance, UC Berkeley Undergraduate Psychology Conference, Berkeley, CA (2003).
73. Gendered expectations and academic performance, Stanford Undergraduate Psychology Conference, Palo Alto, CA (2003).
74. Gendered expectations and academic performance, San Jose State Undergraduate Psychology Conference, San Jose (2003).

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AWARDS AND FELLOWSHIPS

1. Precourt Institute for Energy, Seed Grant, \$100,000, 2019-2021.
2. Early Career Award, National Center for Atmospheric Research Innovator Program, \$350,000, 2019.
3. Early Career Award, National Academy of Science, Gulf Research Program, \$76,000, 2019.

GRANTS AND CONTRACTS AWARDED TO DATE

Principal investigator

4. An interdisciplinary study of winds, surge, damage, risk analysis and psychosocial response before and after Hurricane Irma, National Science Foundation, \$160,170, 10/17-9/18.
5. Designing science communications for skeptical audiences, Climate Central, \$130,000, 1/16-12/17.
6. Leveraging parent power for utility accountability and clean energy, Skoll Global Threats Fund, \$153,392, 11/15-3/17.
7. Designing behaviorally realistic preparation strategies for high impact storm events, NOAA, \$150,000, 1/14-5/15.
8. Designing a decision-support tool for sea level rise and storm surge for coastal city planners, Rockefeller Foundation, \$70,000, 1/13-12/13.
9. Using sensors to promote energy efficiency, Scott Institute, \$32,000, 3/14-2/15.

Co-principal investigator

1. Lemos, M.C., Making Gulf communities more resilient: Scaling-up customized vulnerability assessment for extreme events in Gulf cities, Gul Research Program, \$2,190,667, 10/1/19-9/30/2022.
2. Broomell, S. Lay judgments of environmental cues that signal a tornado, NOAA, \$150,000, 9/16-12/17
3. Krishnamurti, T. Using technology to reduce the incidence of preterm birth, Heinz Foundation, \$100,000, 5/15-4/16.
4. Fischhoff, B. Climate Advocacy Lab, Skoll Global Threats Fund, \$140,000, 3/15-8/16.
5. Dias, B. Air pollution monitoring for communities, Metro 21, \$74,500, 1/15-12/15.
6. Klima, K. Preparing for Local Adaptation: Understanding Flood Risk Perceptions in Pittsburgh, Metro 21, \$50,255, 1/15-12/15..
7. Jaramillo, P. Water and Electricity Infrastructure in the Southeast (WEIS) - Approaches to Resilient Interdependent Systems under Climate Change, NSF, \$2,500,000, 1/15-12/17.
8. Davis, A. Using behavioral science to improve do-it-yourself energy workshops, NYSERDA, \$100,000, 1/13-12/14.
9. Davis, A. Increasing the adoption of energy efficiency measures in class b and c commercial buildings, RK Mellon, \$150,000, 10/13-11/14.
10. McDaniels, T. Enhancing adaptation and resilience to drought in dry tropical social-ecological systems: The Guanacaste, Costa Rica example, NSF, \$2,174,000, 9/13-6/16.
11. Ray, I. Perceptions of CCS, a methodological comparison of focus groups to an online elicitation, \$44,515, 10/09-10/10.

Faculty associate

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1. Morgan, G., Center on Climate and Energy Decision Making, NSF, \$5,997,030, 9/10-8/15.
2. Samaras, C., Characterizing 21st Century Extremes for Engineering and Evaluating Robust Infrastructure Designs, NSF, \$499,999, 9/16-8/18.
3. Gopal, A. Mobility Science for a Clean Transportation Future, DOE, \$8,250,000, 10/16-10/19.

SERVICE

1. Organizer for the Behavior, Decision and Policy Working Group, Department of Engineering and Public Policy (Fall 2013, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Fall 2016)
2. Grader for Part B qualifying exams, Department of Engineering and Public Policy (Spring 2012, Spring 2013, Spring 2014, Spring 2015, Spring 2016)
3. Grader for Part A qualifying exams, Department of Engineering and Public Policy (Fall 2012, Fall 2013, Fall 2014, Fall 2015, Fall 2016)

AD HOC REVIEWING

Energy Policy
Environmental Science and Technology
Journal of Cleaner Production
Proceedings of the National Academy of Science
International Journal of Greenhouse Gas Control
Weather and Forecasting
MRS Energy & Sustainability
Weather, Climate and Society
Journal of Environmental Psychology
PLOS One
Risk Analysis
Energy Research and Social Science
Climatic Change
National Academies of Science, Gulf Research Program
National Science Foundation

STUDENTS

Undergraduate projects

1. Bennett Kriete, "Influence of worldview orientation on Navajo citizen's energy development preferences," Fall 2013-Spring 2014.

Ph.D. students

1. Erica Bower (advised jointly; also advised by ESS Prof. Chris Field), "Managed retreat and climate disasters."
2. Nina Berline (lead advisor), "Environmental epidemiology and behavior."
3. Bianca Santos (advised jointly; also advised by Biology Prof. Larry Crowder), "Understanding illegal fishing and bycatch in the northern Pacific Ocean."

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- Francisca Santana (advised jointly; also advised by Education Prof. Nicole Ardoin), “Social influence, responsibility, and environmental change decision making.”
- KC McKanna (advised jointly), “Moral judgments and policymaker decision making” Spring 2019-present.
- Emily Wells (advised jointly; also advised by EPP/CEE Prof. Mitch Small), “Rapid Switch inertia,” starting Fall 2018.
- Turner Cotterman (advised jointly with EPP/CEE Prof. Mitch Small), “Rapid Switch scenarios,” Fall 2017-Fall 2018.
- Yanran Yang (advised jointly with EPP Prof. Baruch Fischhoff), “Risk perceptions of nuclear power in China,” Fall 2017-present.
- Allante Whitmore (advised jointly with CEE Prof. Costa Samaras), “Energy and autonomous vehicles,” Fall 2017-present.
- Lauren Cook (advised jointly with CEE Prof. Costa Samaras), “Communicating downscaled climate information for transportation decision making,” Fall 2017-present.
- Nichole Hanus (lead advisor; also advised by CEE/EPP Prof. Mitchell Small, EPP Prof. Inês Azevedo, EPP Asst. Prof. Alex Davis, Chatham University Asst. Prof. Iris Grossman), “Energy decision making,” Fall 2014-Spring 2018.
- Julia Chelen (lead advisor; also advised by EPP Prof. Baruch Fischhoff), “Critical interdependent infrastructure decision making,” Spring 2016-Fall 2018.
- Rye Qin (academic supervisor for visiting PhD student in EPP from Tsinghua University), “Change in public concern and responses to air pollution in China,” Fall 2016-Fall 2017.
- Joshua Gluck (advised jointly with CS Prof. Yuvraj Argawal), “Energy conservation without financial incentives,” Spring 2015-Fall 2017.
- Matthew Babcock (primary advisor, advised jointly with CEE/EPP Prof. Mitchell Small, EPP Research Scientist Iris Grossmann), “Freshwater resource management,” Fall 2013-Fall 2017. Currently a postdoc at Carnegie Mellon University.
- Len Necefer (primary advisor, advised jointly with CEE/EPP Prof. Mitchell Small), “Energy resource development on the Navajo Nation,” Spring 2013-Summer 2016. Starting as an Assistant Professor at the University of Arizona in Fall 2018.
- Casey Canfield (advised jointly with EPP Prof. Wandu Bruine de Bruin), “Developing risk communications,” Fall 2011-Spring 2013. Currently a Science and Technology Fellow for the SunShot Initiative.
- Manar Saria (advised jointly with CEE/EPP Prof. Mitchell Small, EPP Research Scientist Iris Grossman), “Modeling freshwater resources and adaptation options,” Spring 2014-Summer 2016.
- Michael Taylor (advised jointly with Robotics Institute Director Bea Dias), “Developing and evaluating the Speck monitor,” Spring 2014-Spring 2017. Currently a design engineer at Arviz Inc.

EDUCATIONAL CONTRIBUTIONS

Courses taught

- Hard Earth (CEE/EARTH 126), School of Earth, Stanford University, Winter 2020 (California Catastrophe), Spring 2020 (Interconnected Impacts of Climate Change)
- Shaping the Future of the Bay (ESS 218), Department of Earth System Science, Stanford University, Winter 2020, Spring 2020.
- Decision Science for Environmental Threats (ESS 227), Department of Earth System Science, Stanford University, Fall 2019. Conceived of and developed course lectures, handouts and other related materials for the class.

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- Communication Design and Analysis, Department of Engineering and Public Policy, Carnegie Mellon University, Spring 2013. Conceived of and developed course lectures, handouts and other related materials for the class.

Courses co-taught

- Senior Research Seminar, Department of Environmental Science, Policy and Management, UC Berkeley, Fall 2007, Spring 2008, Fall 2008, Spring 2009, Fall 2009, Spring 2010. Developed course materials and lectures, graded homework, lead some discussions, and primary source of help for students using social science research methods and/or analyses in office hour and via email.

Seminar series co-lead

- Behavior Decision and Policy Working Group, Department of Engineering and Public Policy, Carnegie Mellon University, Fall 2013, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, and Fall 2017. A weekly meeting for students and faculty to present work or nominate articles of interest for the group to read on a range of topics from climate change to indoor air pollution, all centered on the use or application of behavioral science.

Tutoring

- Statistics tutor, Statistics Department, City College of San Francisco, Fall 2000, Spring 2001. Tutored individuals and groups of students in statistics.