

Caitlin Drummond Otten

Arizona State University
School of Human Evolution and Social Change
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Education

- 2017 **Ph.D., Behavioral Decision Research.**
Carnegie Mellon University, Pittsburgh PA.
Advisors: Baruch Fischhoff (chair); Stephen Broomell; Andrew Parker
- 2014 **M.S., Behavioral Decision Research.**
Carnegie Mellon University, Pittsburgh PA
- 2012 **B.A., Economics; English. Minor: Psychology**
Phi Beta Kappa, Departmental Honors in Economics, *summa cum laude*
University of Pennsylvania, Philadelphia PA

Professional Experience

- 03/2022-
present Senior Global Futures Scientist, Global Futures Laboratory
Arizona State University, Tempe AZ
- 10/2020-
present Program Lead for Decision Making and Science Communication
Center for Biodiversity Outcomes
Arizona State University, Tempe AZ
- 08/2020-
present Assistant Professor, Decision Science
School of Human Evolution and Social Change
Arizona State University, Tempe AZ
- 2017- 2020 Postdoctoral Research Fellow, Frederick A. & Barbara M. Erb Institute
University of Michigan, Ann Arbor MI
Advisor: Joseph Árvai

Research Areas

Behavioral decision research; judgment and decision making; environmental psychology; risk perception and communication; public understanding of science; science communication

Publications

*indicates student co-author

Bearth, A., **Drummond Otten, C.**, & Cohen, A. S. (2024). Consumers' perceptions and acceptance of genome editing in agriculture: insights from the United States of America and Switzerland. *Food Research International*, 113982.

Anglin, S., Rubinstein, R., Mangracina, B., Shaw, K.M., **Drummond Otten, C.** (2023). Registered Report: Personality Stability and Change across the Academic Semester. Approved in principal at *Frontiers in Psychology*.

Árvai, J., Cohen, A. S., Lutzke, L., & **Drummond Otten, C.** (2023). I think, therefore I act, Revisited: Building a stronger foundation for risk analysis. *Risk Analysis*. Published online ahead of print. <https://doi.org/10.1111/risa.14177>

Anglin, S., **Drummond Otten, C.**, & Broomell, S. B. (2023). Hypothesis Testing Preferences in Research Decision Making. *Collabra: Psychology*, 9(1): 73029. <https://doi.org/10.1525/collabra.73029>

Drummond Otten, C., & Fischhoff, B. (2023). Calibration of scientific reasoning ability. *Journal of Behavioral Decision Making*, 36(3), e2306. <https://doi.org/10.1002/bdm.2306>

Drummond Otten, C., & Fischhoff, B. (2022). Assessing broader impacts of funded research: the US National Science Foundation v. Lamar Smith. *Science and Public Policy*, 49(2), 313-323. <https://doi.org/10.1093/scipol/scab082>

*Cohen, A. S., *Lutzke, L., **Drummond Otten, C.**, & Árvai, J. (2022). I Think, Therefore I Act: The Influence of Critical Reasoning Ability on Trust and Behavior During the COVID-19 Pandemic. *Risk Analysis*, 42(5), 1073-1085. <https://doi.org/10.1111/risa.13833>

*Larkin, C., **Drummond Otten, C.**, & Arvai, J. (2022). Paging Dr. JARVIS! Will people accept advice from artificial intelligence for consequential risk management decisions? *Journal of Risk Research*, 25(4), 407-422. <https://doi.org/10.1080/13669877.2021.1958047>

Mascatelli, K., **Drummond Otten, C.**, Piacentini, R. V., Wong-Parodi, G., & States, S. (2021). Comparisons of Sustainability Behaviors Pre-and Early Pandemic Among Botanical Garden Members. *Frontiers in Sustainable Cities*, 3. <https://doi.org/10.3389/frsc.2021.707380>

York, A., **Drummond Otten, C.**, BurnSilver, S., Neuberg, S. & Anderies, J.M. (2021). Integrating institutional approaches and decision science to address climate change: a multi-level collective action research agenda. *Current Opinion in Environmental Sustainability*, 52, 19-26. <https://doi.org/10.1016/j.cosust.2021.06.001>

Drummond, C., *Gray, S. G., Raimi, K.T., Wilson, R., & Arvai, J. (2020). Public Perceptions of Federal Science Advisory Boards Depend on Their Composition. *Proceedings of the National Academy of Sciences*, *117*(37), 22668-22670. <https://doi.org/10.1073/pnas.2012571117>

Drummond, C., Siegrist, M. & Arvai, J. (2020). Limited effects of exposure to fake news on climate change. *Environmental Research Communications* *2*(8), 081003. <https://doi.org/10.1088/2515-7620/abae77>

Arvai, J., *Gray, S.G., Raimi, K.T., Wilson, R. & **Drummond, C.** (2020). Industry-dominated science advisory boards are perceived to be legitimate...but only when they recommend more stringent risk management policies. *Risk Analysis*, *40*(11), 2329-2339. <https://doi.org/10.1111/risa.13540>

Drummond, C., States, S. & Wong-Parodi, G. (2020). Factors Associated with the Adoption of Renewable Energy Amongst Botanical Garden Members. *Environmental Research Communications* *2*(5), 051005. <https://doi.org/10.1088/2515-7620/ab8a70>

Drummond, C. & Fischhoff, B. (2020). Emotion and Judgments of Scientific Research. *Public Understanding of Science* *29*(3), 319-334. <https://doi.org/10.1177/0963662520906797>

Drummond, C. & Fischhoff, B. (2020). Predictors of Public Attitudes Toward Controversial Science 1979-1990. *Journal of Risk Research* *23*(10), 1318-1335. <https://doi.org/10.1080/13669877.2019.1646313>

*Lutzke, L., **Drummond, C.,** Slovic, P., & Arvai, J. (2019). Priming critical thinking: Simple interventions limit the influence of fake news about climate change on Facebook. *Global Environmental Change* *58*, 101964. <https://doi.org/10.1016/j.gloenvcha.2019.101964>

Drummond, C. & Fischhoff, B. (2019). Does “putting on your thinking cap” reduce myside bias in evaluation of scientific evidence? *Thinking and Reasoning* *25*(4), 477-505. <https://doi.org/10.1080/13546783.2018.1548379>

Drummond, C. & Fischhoff, B. (2017). Individuals with greater science literacy and education have more polarized beliefs on controversial science topics. *Proceedings of the National Academy of Sciences USA* *114*(36), 9587-9592. <https://doi.org/10.1073/pnas.1704882114>

Drummond, C., & Fischhoff, B. (2017). Development and Validation of the Scientific Reasoning Scale. *Journal of Behavioral Decision Making* *30*(1), 26-38. <https://doi.org/10.1002/bdm.1906>

Mellers, B., Fincher, K., **Drummond, C.** & Bigony, M. (2013). Surprise: a belief on an emotion? *Progress in Brain Research*, 202, 3-19. <https://doi.org/10.1016/B978-0-444-62604-2.00001-0>

Research Funding

Title: DISES: Decision Making for Land Use Planning under Future Climate Scenarios through Engaged Research via Co-Design 09/01/2023-08/31/2026

Sponsor: National Science Foundation, Dynamics of Integrated Socio-Environmental Systems

Award Number: 2308277

Role: Co-Principal Investigator (Lead PI: Amy Frazier, UCSB; Co-PI Gwen Iacona, ASU)

Total Requested: \$1,599,825.00

Individual Investigator Recognition: \$319,965 (20%)

Title: Lay Understanding of Scientific Institutions 05/2021-present

Sponsor: Arizona State University Institute for Social Science Research Seed Grant

Role: Principal Investigator

Budget: \$7634

Title: Unwarranted Extrapolation in the Communication of Science News 2018

Sponsor: Carnegie Mellon University Center for Behavioral Decision Research Small Grant

Role: Co-I (PI: S. Anglin.)

Budget: \$2450.

Title: Doctoral Dissertation Research: Sophisticated Rejection of Scientific Evidence 2015-2017

Sponsor: National Science Foundation, National Center for Science and Engineering Statistics

Award Number: 1537364

Role: Student Co-PI (PI: B. Fischhoff)

Budget: \$14,999

National Science Foundation Graduate Research Fellowship 2014-2017

Sponsor: Qualtrics Behavioral Research Grant 2015

Role: PI

Budget: \$3000.

Sponsor: Carnegie Mellon University Graduate Student Assembly/Provost's Office Graduate Small Project Help Research Grant 2015

Budget: \$750.

Sponsor: Carnegie Mellon University Graduate Student Assembly/Provost's Office Conference Funding Budget: \$500. 2014

Sponsor: Carnegie Mellon University Center for Behavioral Decision Research Small Grant Role: PI Budget: \$2500 2013

Research-Related Awards

Honorable Mention, Science and Society Category, Student Poster Competition, **2017 American Association for the Advancement of Science** Annual Meeting, for *Education, Science Literacy, and Polarized Beliefs About Science*, with B. Fischhoff.

Winner, Decision Analysis and Risk Specialty Group Student Merit Award, **2016 Society for Risk Analysis** Annual Meeting, for *Putting on Your Thinking Cap: Priming Scientific Reasoning Produces Critical but Biased Evaluations of Scientific Evidence*, with B. Fischhoff

Second Place, Student Poster Competition, **2016 Society for Judgment and Decision Making** Annual Meeting, for *Putting on Your Thinking Cap: Priming Scientific Reasoning Produces Critical but Biased Evaluations of Scientific Evidence*, with B. Fischhoff

Second Place, Student Poster Competition, **2015 Society for Judgment and Decision Making** Annual Meeting, for *Development and Validation of the Scientific Reasoning Scale*, with B. Fischhoff

Research Presentations

*indicates student co-author

Symposia Organized for International Academic Conferences

Exploring the Role of Psychological Factors in Shaping Judgments and Decisions on Societal Issues. Symposium presented at the 2023 Annual Meeting of the Society for Risk Analysis, Washington, D.C.

Refereed Conference Presentations

Sleboda, P., Bruine de Bruin, W., **Drummond Otten, C.**, Lutzke, L., Cohen, A.S., & Árvai, J. (2023, December). Associations of fear and anger with risk perceptions and preventive behaviors during the COVID-19 pandemic: May and December 2020. Paper presented at the meeting of the Society for Risk Analysis, Washington, DC.

Drummond Otten, C., Anglin, S. & Broomell, S.B. (2023, December). Do individuals selectively engage their analytical reasoning abilities? Paper presented at the meeting of the Society for Risk Analysis, Washington, DC.

Drummond Otten, C., Anglin, S. & Broomell, S.B. (2023, November). Do individuals selectively engage their analytical reasoning abilities? Poster presented at the meeting of the Society for Judgment and Decision-Making, San Francisco, CA.

Sleboda, P., Bruine de Bruin, W., **Drummond Otten, C.**, Lutzke, L., Cohen, A.S., & Árvai, J. (2023, June). Associations of fear and anger with risk perceptions and preventive behaviors during the COVID-19 pandemic: May and December 2020. Paper presented at the meeting of the Society for Risk Analysis- Europe, Lund, Sweden.

Drummond Otten, C., Anglin, S., & Broomell, S. (2022, December). Drawing Different Conclusions from the Same Evidence: Belief in Hydroxychloroquine During the COVID-19 Pandemic. Paper presented at the meeting of the Society for Risk Analysis, Tampa, FL.

Cohen, A.S., Bearth, A., & **Drummond Otten, C.** (2022, December). Risk perceptions, critical thinking, and acceptance of genome editing in the United States and Switzerland. Paper presented at the meeting of the Society for Risk Analysis, Tampa, FL.

Drummond Otten, C., Anglin, S., & Broomell, S. (2022, November). Drawing Different Conclusions from the Same Evidence: Belief in Hydroxychloroquine During the COVID-19 Pandemic. Poster presented at the meeting of the Society for Judgment and Decision Making, San Diego, CA.

Drummond Otten, C., *Cohen, A.S., *Lutzke, L., & Arvai, J. (2022, February). Social Norms, Individual Critical Thinking Skills, and Uptake of COVID-19 Preventative Behaviors. Poster presented at the meeting of the Society for Judgment and Decision Making, virtual.

Drummond Otten, C., *Cohen, A.S., *Lutzke, L., & Arvai, J. (2021, December). Social Norms, Individual Critical Thinking Skills, and Uptake of COVID-19 Preventative Behaviors. Paper presented at the meeting of the Society for Risk Analysis, virtual.

*Lutzke, L., *Cohen, A.S., **Drummond Otten, C.** & Arvai, J. (2021, December). Perceiving political polarization within the context of COVID-19 is associated with individuals' pandemic responses and attitudes in the U.S. Paper presented at the meeting of the Society for Risk Analysis, virtual.

*Cohen, A.S., *Lutzke, L., **Drummond Otten, C.** & Arvai, J. (2021, December). I Think, Therefore I Act: The Influence of Critical Thinking Ability on Trust and Compliance During the COVID-19 Pandemic. Paper presented at the meeting of the Society for Risk Analysis, virtual.

*Lutzke, L., *Cohen, A.S., **Drummond Otten, C.** & Arvai, J. (2021, June). Perceiving political polarization within the context of COVID-19 is associated with individuals' pandemic responses and attitudes in the U.S. Paper presented at the meeting of the Society for Risk Analysis-Europe, virtual.

*Cohen, A.S., *Lutzke, L., **Drummond Otten, C.** & Arvai, J. (2021, June). Sex Differences in COVID-19 perception and prevention in the United States. Paper presented at the meeting of the Society for Risk Analysis-Europe, virtual.

Drummond, C., *Cohen, A.S., *Lutzke, L., & Arvai, J. (2020, December). Reasoning about novel risks: How does scientific reasoning ability relate to behavioral and attitudinal responses to the COVID-19 pandemic? Paper presented at the meeting of the Society for Risk Analysis, virtual.

*Sen, M., *Lutzke, L., **Drummond, C.** & Arvai, J. (2020, December). Debating climate risk management on Twitter: The effect of explanatory depth and tone on judgments of information quality and policy support. Paper presented at the meeting of the Society for Risk Analysis, virtual.

*Cohen, A.S., *Lutzke, L., **Drummond, C.** & Arvai, J. (2020, December). Actively Open-Minded Thinking, Risk Perceptions, & Behavioral Adherence during the COVID-19 Pandemic in the United States. Paper presented at the meeting of the Society for Risk Analysis, virtual.

Drummond, C., Siegrist, M. & Arvai, J. (2020, December). Limited effects of exposure to fake news on climate change. Poster presented at the meeting of the Society for Judgment and Decision-Making, virtual.

Anglin, S.M., **Drummond, C.** & Downs, J. (2020, February). Readers Value Accuracy and Clarity in Science News, But Often Misinterpret Findings. Poster presented at the meeting of the Society for Personality and Social Psychology, New Orleans, LA

Drummond, C., Siegrist, M. & Arvai, J. (2019, December). Effects of exposure to fake news on climate change. Paper presented at the meeting of the Society for Risk Analysis, Arlington, VA.

*Larkin, C.P., **Drummond, C.**, & Arvai, J. (2019, December). Paging Dr. Jarvis: Evaluating the acceptance of advice from an “A.I.” vs. a human expert. Paper presented at the meeting of the Society for Risk Analysis, Arlington, VA.

*Gray, S., **Drummond, C.** & Arvai, J. (2019, December). The influence of membership on the perceived legitimacy of risk management recommendations made by the EPA’s science advisory board. Paper presented at the meeting of the Society for Risk Analysis, Arlington, VA.

Drummond, C., Anglin, S.M. & Broomell, S.B. (2019, November). Do individuals selectively engage their analytical reasoning abilities? Poster presented at the meeting of the Society for Judgment and Decision Making, Montreal, CA.

Anglin, S.M., **Drummond, C.** & Downs, J. (2019, November). Readers Value Accuracy and Clarity in Science News, But Often Misinterpret Findings. Poster presented at the meeting of the Society for Judgment and Decision Making, Montreal, CA.

Drummond, C., Anglin, S.M. & Broomell, S.B. (2019, August). Do individuals selectively engage their analytical reasoning abilities? Poster presented at the meeting of the Subjective Probability, Utility, and Decision Making conference, Amsterdam, the Netherlands.

Anglin, S.M., Broomell, S.B. & **Drummond, C.** (2019, February). Confirmatory vs. disconfirmatory hypothesis testing strategies. Poster presented at the meeting of the Society for Personality and Social Psychology, Portland, OR.

Drummond, C. & Fischhoff, B. (2018, December). Modeling the Relationship Between Emotional Responses to and Judgments of Scientific Evidence. Paper presented at the meeting of the Society for Risk Analysis, New Orleans, LA.

*Lutzke, L., **Drummond, C.**, Slovic, P. & Arvai, J. (2018, December). Can simple interventions help people identify fake news about climate change on Facebook? Paper presented at the meeting of the Society for Risk Analysis, New Orleans, LA.

Drummond, C. & Fischhoff, B. (2018, November). Dimensionality of Lay Judgments of Scientific Research. Poster presented at the meeting of the Society for Judgment and Decision Making, New Orleans, LA.

Anglin, S.M., Broomell, S.B. & **Drummond, C.** (2018, November). Confirmatory vs. disconfirmatory hypothesis testing strategies. Poster presented at the meeting of the Society for Judgment and Decision Making, New Orleans, LA.

Drummond, C. & Fischhoff, B. (2018, October). Modeling the Relationship Between Emotional Responses to and Judgments of Scientific Evidence. Paper presented at the meeting of the Association for Consumer Research, Dallas TX.

Drummond, C., Argo, N. & Hebert, R. (2018, February). Behavioral Influences on Clinician Decision Making in End-of-Life Situations. Paper presented at the annual meeting of the Society of Behavioral Medicine, New Orleans LA.

Drummond, C. & Fischhoff, B. (2017, November) Judgments of Scientific Evidence: The Role of Emotion and Scientific Reasoning Ability. Poster presented at the meeting of the Society for Judgment and Decision Making, Vancouver, BC.

Drummond, C. & Fischhoff, B. (2017, June). Individuals with Greater Science Literacy and Education Have More Polarized Beliefs on Controversial Science Topics. Paper presented at the Cambridge Risk and Uncertainty Conference, Cambridge UK.

Drummond, C. & Fischhoff, B. (2017, February). Education, Science Literacy, and Polarized Beliefs About Science. Poster presented at the meeting of the American Association for the Advancement of Science, Boston MA.

Drummond, C. & Fischhoff, B. (2016, December). Putting on Your Thinking Cap: Priming Scientific Reasoning Produces Critical but Biased Evaluations of Scientific Evidence. Poster presented at the meeting of the Society for Risk Analysis, San Diego CA.

Drummond, C. & Fischhoff, B. (2016, November). Putting on Your Thinking Cap: Priming Scientific Reasoning Produces Critical but Biased Evaluations of Scientific Evidence. Poster presented at the meeting of the Society for Judgment and Decision Making, Boston MA.

Drummond, C. & Fischhoff, B. (2016, November). Putting on Your Thinking Cap: Priming Scientific Reasoning Produces Critical but Biased Evaluations of Scientific Evidence. Datablitz talk presented at the Society for Judgment and Decision Making Preconference on Debiasing Decision Makers, Questrom School of Business, Boston MA.

Drummond, C. & Fischhoff, B. (2016, August). Development and Validation of the Scientific Reasoning Scale. Paper presented at the International Conference on Thinking, Providence RI.

Drummond, C. & Fischhoff, B. (2016, May). Predicting Public Reception of Scientific Evidence with the Scientific Reasoning Scale. Poster presented at the annual meeting of the American Association for Public Opinion Research, Austin TX.

Drummond, C. & Fischhoff, B. (2015, November). Development and Validation of the Scientific Reasoning Scale. Poster presented at the meeting of the Society for Judgment and Decision Making, Chicago IL.

Drummond, C. & Fischhoff, B. (2015, August). Development and Validation of the Scientific Reasoning Scale. Paper presented at the Subjective Probability, Utility and Decision Making Conference, Budapest, Hungary.

Drummond, C. & Fischhoff, B. (2015, August). Predicting the Reception of Scientific Evidence: The Role of Scientific Reasoning Ability. Poster presented at the Subjective Probability, Utility and Decision Making Conference, Budapest, Hungary.

Drummond, C. & Fischhoff, B. (2014, November). A New Perspective on Scientific Literacy: Introducing the Scientific Reasoning Scale. Poster presented at the meeting of the Society for Judgment and Decision Making, Long Beach CA.

Invited Presentations

Downstream Consequences of Exposure to Climate Misinformation (with M. Siegrist and J. Arvai). Plenary presentation at the University of Michigan University-Wide Sustainability & Environment Conference, Ann Arbor MI. 2018.

Scientific Reasoning Ability and its Implications for Science Communication. White paper presented at the University of Michigan Conference on How We Can Improve Health Science Communication, Ann Arbor MI. 2017.

Scientific Reasoning and the Reception of Scientific Evidence (w. B Fischhoff). Presented to the RAND Center for Decision Making Under Uncertainty, Pittsburgh PA. 2016.

Teaching

Arizona State University, School of Human Evolution and Social Change

Undergraduate Courses

ASB 230: Beginning Social Research. *In person.* Fall 2021; Fall 2022; Spring 2023; Fall 2023; Spring 2024

Graduate Courses

ASB 500: Research Design for Social and Behavioral Sciences. *In person.* Spring 2021; Spring 2022; Spring 2023

University of Michigan, School for Environment and Sustainability

Graduate Courses

EAS 501: Science Communication for Sustainability. *In person.* Fall 2019

Courses Developed

Arizona State University, School of Human Evolution and Social Change

Undergraduate Courses

ASB 230: Beginning Social Research. *In person.*

Graduate Courses

ASB 500: Research Design for Social and Behavioral Sciences. *In person.*

University of Michigan, School for Environment and Sustainability

Graduate Courses

EAS 501: Science Communication for Sustainability. *In person*

Teaching Awards

Excellence in Graduate Teaching Award, School of Human Evolution and Social Change, Arizona State University Spring 2023

Teaching Training and Certifications

ACUE Micro-credential in Creating an Inclusive and Supportive Learning Environment Spring 2023

Arizona State University Master Class for Teaching Online Fall 2020

Student Supervision

Arizona State University Student Supervision- Current

Doctoral Students

ASU Committee Co-Chair:

1. Kelly Claborn. PhD in Environmental Social Science from the Arizona State University School of Human Evolution and Social Change. Anticipated Graduation: May 2024. Kelly received a Doctoral Dissertation Research Improvement Grant from the National Science Foundation Decision, Risk and Management Sciences solicitation (Award #2214346; Title: DDRIG in DRMS: Exploring the Spread, Use, and Impact of Imprecise Language on Decision Making; \$24,888.00; PI: Marco Janssen; 10/01/22 to 04/30/24).
2. Caitlin Hawley. PhD in Environmental Social Science from the Arizona State University School of Human Evolution and Social Change. Anticipated Graduation: December 2024.

ASU Committee Member:

1. Rachel Gilchrist. PhD in Psychology from the Arizona State University Department of Psychology. Anticipated Graduation: December 2023.

2. Alexandra Ptacek. PhD in Anthropology from the Arizona State University School of Human Evolution and Social Change. Current Status: Pre-Dissertation Proposal Defense.
3. Md. Hasibul Hasan. PhD in Environmental Social Science from the Arizona State University School of Human Evolution and Social Change. Current Status: Pre-Dissertation Proposal Defense.

Arizona State University Student Supervision- Completed

Doctoral Students

Committee Member:

1. Eve Castille. PhD in Sustainability from the Arizona State University School of Sustainability. Graduated December 2023.

External Committee Member for PhD Students at Other Universities:

1. Lauren Lutzke. PhD in Social Psychology from the University of Southern California. Graduated 2022. Lauren is now the Kleinman Center for Energy Policy Post-Doctoral Research Fellow at the Penn Center for Science, Sustainability, and the Media at the University of Pennsylvania.
2. Alex Segrè Cohen. PhD in Social Psychology from the University of Southern California. Graduated 2022. Alex is now an Assistant Professor of Science and Risk Communication at the University of Oregon School of Journalism and Communication.
3. Sherry Ann Ram. PhD from the University of Toronto Department of Civil and Mineral Engineering. External committee member from 2021-2022 before stepping off the committee due to a shift in Sherry's research area.

Master's Students

ASU Committee Member:

1. Alexandra Ramey. M.S. in Global Sustainability Science. Graduated May 2022.

Undergraduate Honors Thesis Students:

ASU Committee Member:

1. Madeleine Oricchio. B.S. in Anthropology. Graduated Spring 2023. Madeleine was selected as a Spring 2023 Dean's Medalist.
2. Jordan Haagen. B.S. in Anthropology; B.A. in Digital Culture. Graduated Spring 2022. Jordan's Honors Thesis won the Mensch Prize for Humanities for ASU Barrett Honors Students.

Undergraduate Barrett Honors Contract Students

1. Roberts, Christopher. ASB 230: Beginning Social Research. Spring 2023.

Undergraduate Research Apprentices (Semesters Employed in Parentheses)

1. Samuel Kniery (Fall 2022; Spring 2023)
2. Miles Mcanulty (Spring 2022; Spring 2023)
3. Alma Ruiz (Spring 2021)

4. Daanish Tung (Spring 2021)

High School Students

1. Denley Kofoed. Columbine High School. AP Research Project Consultant for Denley's AP Research project. 2021-2022.

University of Michigan Student Supervision

Master's Students

Committee Member:

1. Sanghamitra Sen. Dual-track M.S. in Environmental Policy and Planning and Behavior, Education and Communication from the University of Michigan School for Environment and Sustainability. Graduated 2021.
2. Connor Larkin. M.B.A./M.S. from the University of Michigan Erb Institute. Graduated 2020.
3. Lauren Lutzke. M.S. in Behavior, Education, and Communication from the University of Michigan School for Environment and Sustainability. Graduated 2019.

Undergraduate and Graduate Research Assistants

1. Hanna Droessler
2. Sarah Bellaire

Carnegie Mellon University Student Supervision

Undergraduate Research Assistants

1. Jessica Chang
3. Timothy Kusama
4. Sasha (Kerbel) Cohen Ioannides
5. Lauren Montgomery
6. Ke Ning
7. Mark Saporta
8. Crystal Song
9. Tiffany Tse
10. John Verser

Service to the School of Human Evolution and Social Change

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| 2020-2024 | Personnel Committee Member, School of Human Evolution and Social Change, Arizona State University |
| 2022-2023 | Director Search Committee Member, School of Human Evolution and Social Change, Arizona State University |

Service to the Environmental Social Science Approach in the School of Human Evolution and Social Change

- Fall 2023 Target Hire Search Committee Member, Environmental Social Science, School of Human Evolution and Social Change, Arizona State University (Candidate Withdrew)
- Fall 2023- Approach Convener, Environmental Social Science, School of Human Evolution and Social Change, Arizona State University

Professional Service

Ad Hoc Reviewer

Peer-Reviewed Journals:

Applied Cognitive Psychology; Behavior Research Methods; Climatic Change; Environmental Communication; Environmental Research Letters; Harvard Kennedy School Misinformation Review; International Journal of Psychology; International Journal of Public Opinion Research; Journal of Cognitive Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Applied; Journal of Behavioral Decision Making; Nature Communications; Personality and Social Psychology Bulletin; Psychonomic Bulletin & Review; Public Opinion Quarterly; Public Understanding of Science; Risk Analysis; Science Communication; Social Forces; Social Science Computer Review; Sociology of Religion

Grantmakers:

Ad hoc reviewer for the United States National Science Foundation Decision, Risk and Management Sciences solicitation; the Social Sciences and Humanities Research Council of Canada; the Israeli Science Foundation

Academic Presses:

Johns Hopkins University Press

Conferences:

Society for Judgment and Decision Making Annual Meeting Student Poster Competition
Poster Judge

Current Membership in Professional Societies

Society for Judgment and Decision Making; Society for Risk Analysis

Outreach Activities and Training

The Social Side of Sustainability. Invited panelist for this webinar in the USC Wrigley Institute for Environmental Studies Webinar Series. Spring 2021, remote.

What motivates firm-level climate action? Individual and situational factors. In, “ASU Presents; The role of business in facilitating cross-scale collective action on climate.” United Nations Global Compact Virtual Forum. Fall 2020, remote.

<https://www.youtube.com/watch?v=5Mm-dqj23-A&list=PL315PYhQ4900nYnMRzeId5qjfHC1cTwLV&index=12>

Individuals with greater science literacy and education have more polarized beliefs on controversial science topics (w. B Fischhoff). Presented to the New York State Environmental Protection Bureau, remote. 2018.

Lay Understanding of and Attitudes Toward Controversial Science. Presented to the Dow Chemical Company, Midland MI. 2017.

Science Communication Fellow. Phipps Conservatory and Botanical Gardens, Pittsburgh PA. 2015.