

ADINA ABELES

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EDUCATION

- Ph.D.** expected Summer 2019, Communication, Stanford University
Thesis: Perceptions of Americans' Beliefs About the Existence of Global Warming: Forces that shape it and its consequences
- MESM** 2014, Environmental Science and Management, University of California, Santa Barbara
Thesis: Evaluation and Augmentation of the Shallow Subtidal Monitoring Plan for the Channel Islands Marine Protected Areas
- B.A.** 1997, Biology with a concentration in ecology, Cornell University
International Program: School for Field Studies, Centre for Tropical Rainforest Studies, Queensland, Australia

Grants and Awards

- 2018 Stanford Graduate Research Opportunity (\$5,000)
- 2017-2020 Goldman Graduate Fellow, Stanford Woods Institute for the Environment (tuition, stipend, research expenses)
- 2017 Best Student Presentation, Young Environmental Scholars Conference, Stanford University
- 2017 Best Student Paper, Environmental Communication Division, International Communication Association
- 2016-2017 Stanford University, Institute for Research in Social Sciences, Laboratory for the Study of American Values, research support (\$4000)
- 2004 Graduation Speaker, Bren School of Environmental Science and Management, University of California, Santa Barbara
- 2004 Most Likely to Inspire and Motivate, Bren School of Environmental Science and Management, UCSB
- 2003 Dennis Allen Associates Prize, UCSB

PUBLICATIONS

Articles in refereed Journals

- MacInnis, B., Krosnick, J. A., **Abeles, A.**, Caldwell, M. R., Prahler, E., & Dunne, D. D. (2015). The American public's preference for preparation for the possible effects of global warming: impact of communication strategies. *Climatic Change*, 128(1-2), 17-33.
- Langridge, S. M., Hartge, E. H., Clark, R., Arkema, K., Verutes, G. M., Prahler, E. E., Stoner-Duncan, S., Revelle, D.R., Caldwell, M.R., Guerry, A.D., Ruckelshaus, M., **Abeles, A.**, Coburn, C. & O'Connor, K. (2014). Key lessons for incorporating natural infrastructure into regional climate adaptation planning. *Ocean & Coastal Management*, 95, 189-197.
- Langholz, J. A., and **A. Abeles**. (2014). Rethinking postgraduate education for marine conservation. *Marine Policy* 43: 372-375.

Articles under review

- Abeles, A.** (submitted). Fear Appeals: A Critical Review and a Way Forward.
- Abeles, A.**, Krosnick, J.A., Lundmark, S.. (under review). Communicating about global warming: How labels unwittingly Display Speakers' Attitudes.
- Abeles, A.**, Krosnick, J. A., Howe, L., MacInnis, B. (under review). Perception of Public Opinion on Global Warming and the Role of Opinion Deviance.

Reports and white papers

- Moser, S.C and **A. Abeles**. (2012). Public Engagement and Communication on Adaptation: A Brief Analysis of Adaptation Plans. White Paper prepared for ecoAmerica,
- Abeles, A.**, K. Grimmer and H. Papendick. (2012). Preparing for the Future: Climate Change and the Monterey Bay Shoreline. Monterey, CA: Center for Ocean Solutions.
- Finzi Hart, J. A., P. M. Grifman, S. C. Moser, **A. Abeles**, M. R. Myers, S. C. Schlosser, J. A. Ekstrom (2012). Rising to the Challenge: Results of the 2011 Coastal California Adaptation Needs Assessment. USCSG-TR-01-2012.

Ongoing and new projects

In preparation for journal submission

Abeles, A. (in prep). Partisan spillover of polarized rhetoric onto perceptions and beliefs about global warming.

Abeles, A. (in prep). Forming perceptions of the whole by breaking it down into groups: The partisan proportion perception model.

Data collection/analysis in progress

Collecting and analyzing national probability sample data on

Replication and expansion on previous work investigating the influence of dire messages on respondents that hold just world beliefs. This effort is in collaboration with Jan G. Voelkel, Dr. Robb Willer and Dr. Michael Feinberg

Analyzing and coding open-ended responses from a nationally representative sample of U.S. adults who defined global warming and climate change in order to understand how the terms are interpreted, if they are interpreted differently, and whether the interpretations impact how researchers interpret global warming survey findings. This effort is in collaboration with Dr. Jon Krosnick.

In collaboration with Dr. Nicole Ardoin and other members of the Social Ecology Lab, I am reviewing the literature on pro-environmental behaviors in an effort to develop a framework to make it easier to understand what types of behavior individuals are willing to engage in, what motivates different types of behaviors and the barriers to those behaviors.

SELECTED CONFERENCE AND OTHER INVITED PRESENTATIONS

Peer-reviewed Presentations

Fear Appeals: A Critical Review and a Direction Forward. Abeles, A. International Communication Association, Prague, May, 2018.

How political partisanship shapes public opinion on global warming. As part of a larger panel: How Groups Help and Hinder Sustainability: Insights Beyond the Lab. Abeles, A., Howe, L., Krosnick, J., MacInnis, B. The Society for Personality and Social Psychology, Atlanta, Georgia, March 2018.

Misperceptions of Americans' Opinions on Climate Change. Young Environmental Scholars conference, Stanford University, November 2017. (awarded Best Student Presentation)

Communicating about climate change: Labels unwittingly signal opinion. Abeles, A. International Communication Association, San Diego, May, 2017. (awarded Environmental Communication Top Student Paper)

Misperceptions of Public Opinion: Americans Underestimate Belief in Global Warming. Abeles, A., Krosnick, J., Howe, L., MacInnis, B. American Association of Public Opinion Researchers, New Orleans, LA, May, 2017 (submitted abstract accepted for presentation).

The tide flows both ways: Communicating science to policy and policy to science. Abeles, A., Erickson, A., Deans, N.L., Martone, R.G., Kappel, C.V. AGU Ocean Sciences, Hawaii, Feb 24, 2014

Preparing California for its Future Coastline. The Coastal Society, Miami, FL, June 5, 2012

Climate Change Adaptation for Coastal Managers: Lessons Learned. California and the World Ocean, San Francisco. September 2010

Integrating Science: The story from California's Marine Life Protection Act. European Symposium on MPAs, Murcia, Spain. September 2007

Invited presentations

Partisan spillover of polarized rhetoric onto perceptions and beliefs about global warming. Abeles, A. UCSB Center for Social Solutions to Environmental Problems, Santa Barbara, CA, December, 2018. (Invited presentation).

Why isn't Congress acting? Insight on America's public opinions and attitudes about climate change. October, 2015, 2016, 2017, 2018 (Guest lecture for Stanford course EarthSys191/291)

To scare or not to scare? The dilemma of fear in climate change communication.. October, 2017, 2018 (Guest lecture for Stanford course EarthSys191/291)

Communicating science to the public: Insight on America's opinions and attitudes about climate change. Abeles, A. Naval Research Laboratory, Monterey, CA, Sept.5, 2013 (Invited presentation)

Climate change, hazard mitigation planning, and the public. Monterey county multi-jurisdictional hazard mitigation plan update kickoff meeting. August 1, 2013 (Invited presentation)

Insight on America's public opinion on climate change. February, 2015/2016 (Guest lecture for Carmel High School AP Environmental Science Class, co-presented with NASA Ames Research Center scientist)

The Road to COP-15: How the latest science will (or won't) be integrated. Center for Ocean Solutions Marine Policy Seminar. March 2009

The Oceans and Climate Change. Talk for Heal The Bay at the Santa Monica Pier Aquarium. May 2009

UNIVERSITY TEACHING/ MENTOR EXPERIENCE

Stanford University, Stanford, CA (2015-2016)

Instructor/co-creator: Winter 2019: Psychological Insights for Science Communication
Coordinator: Fall 2016 – Spring 2017: Graduate Seminar in Political Psychology
Teaching Assistant: Winter 2017: Communication Research Methods
Teaching Assistant: Fall 2016: Introduction to Communication
Teaching Assistant: Fall 2016: Lies, Trust and Technology
Teaching Assistant: Spring 2016: Coastal Law and Policy
Teaching Assistant: Winter 2016/Spring 2017: The Psychology of Communication About Politics in America
Teaching Assistant: Fall 2016: Digital Media in Society
Mentor: Fall 2015: Student project, Earth Systems 163E: International Climate Negotiations
Teaching Assistant: Summer 2015: Creative Industries: The business of popular culture

University of California, Santa Barbara (2002 – 2003)

Teaching Assistant: Urban Sustainability
Teaching Assistant: Concepts of Biology
TA/Lab instructor: Introductory Biology Lab

Cornell University, Ithaca, New York (1996)

Teaching Assistant: Biochemistry

ACADEMIC GROUPS AND SERVICE

Invited participant

December 2017: WWF Fuller Symposium: The Nature of Change: The Science of Influencing Behavior
February 2017: Graduate Leadership: Developing an Exchange Network, Institute for the Environment at the University of Minnesota

Stanford Academic Research Groups

2014 - Political Psychology Research Group (Advisor: Dr. Jon Krosnick),
2016 - Social Ecology Lab (Advisor: Dr. Nicole Ardoin),
2016-1017: Laboratory for the Study of American Values (Advisors: Dr. Mike Tomz, Dr. Paul Sniderman)

Stanford Organizations

2018-2019: Co-Organizer for Stanford's Woods Institute for the Environment's Young Environmental Scholars Conference
2016 - Stanford Environmental Behavior Group
2017 - Mothers in Academia

PROFESSIONAL ASSOCIATIONS AND SERVICE

Reviewer

- *Climatic Change* (2017)
- *Environmental Communication* (2017)
- International Communication Association annual meeting (2018)
- American Association of Public Opinion Researchers annual meeting (2017)
- *ICES Journal of Marine Science* (2015)

Affiliations

- International Communication Association
 - Environmental Communication Division Student Representative
 - Student organizer for Environmental Communication Division Graduate Student Pre-Conference, International Communication Association annual meeting, 2018 and 2019
- Association for Environmental Studies and Sciences
- American Association for Public Opinion Research
- International Society of Political Psychology
- Society for Personality and Social Psychology

TECHNICAL SKILLS

Experimental design

- Online survey experiments (Qualtrics, MTurk, YouGov, SSI)

Statistical software

- R – Regression analysis, text coding, graphing
- STATA

PROFESSIONAL AND LEADERSHIP EXPERIENCE (SELECTED)

Director of Education and Training (4/10 – 3/14)

Center for Ocean Solutions (COS), Monterey, CA

COS works to integrate cutting-edge science and technology with economic, social, law and policy expertise to develop practical solutions to the major problems facing the ocean and prepares leaders to take on these challenges.

- Guided the development of the successful collaboration: Monterey Area Research Institutions' Network for Education (MARINE). MARINE brings together faculty, graduate students and postdocs from six Monterey Bay area higher education institutions to enhance graduate education
- Designed and led conservation leadership training for graduate students
- Created and executed workshops for decision-makers to foster an understanding of climate change science and set in motion action to prepare for unavoidable impacts of climate change
- Conducted social science research, such as surveys and focus groups, to better understand public and decision-maker perception of climate change adaptation
- Secured government and private grants to conduct research, outreach and education

Planning Director (9/08-3/10)

Center for Ocean Solutions, Monterey, CA

- Worked with Executive Director to develop interdisciplinary Center research goals in its inaugural year
- Fostered relationships among the Center's affiliated multi-disciplinary researchers and decision-makers
- Organized and led multi-disciplinary strategy sessions designed to create interdisciplinary research projects
- Managed hiring process for new staff, organized staff development trainings, and assisted the Executive Director and staff in work-plan development and implementation
- Reviewed and edited communication and educational materials

California Science/Policy Coordinator (5/05 – 2/07)

California Program Manager (2/07-9/08)

COMPASS/ Stanford University, Hopkins Marine Station, Pacific Grove, CA

COMPASS is dedicated to helping ocean scientists connect themselves and their science to the wider world.

- Stanford Supervisor: Dr. Stephen R. Palumbi, Harold A. Miller Professor in Marine Sciences
- Developed and implemented strategic communications strategy to connect marine science to policy-makers, the media and the public in California
- Designed and led policy communications training for scientists
- Organized workshops, field trips, and legislative briefings aimed at solving educating decision-makers about ocean-related science and issues in order to inform problem solving discussions

SELECTED INTERNSHIPS

SeaWeb, Washington DC

Asia Pacific Program Associate (11/04 – 5/05)

- Developed outreach for ocean issues in the Asia-Pacific region
- Coordinated communications training for journalists and NGO representatives in Fiji

Governance for Sustainable Development Program, University of California, Santa Barbara, CA

Intern (6/03 – 5/04)

- Created International Whaling Commission Conservation Committee negotiation exercise for graduate students

California Department of Fish and Game/Channel Islands National Marine Sanctuary, Santa Barbara, CA

Intern (1/03 – 6/04)

- Produced the “Summary of Research Programs in the Channel Islands National Marine Sanctuary” (2003)
- Facilitated and organized workshops among scientists, government agencies, and public interest groups

Commonweal Ocean Policy Reform, Bolinas, CA

Independent Contractor (7/03 – 8/03)

- Developed database to address interagency and multiple program data acquisition and management inefficiencies

ENVIRONMENTAL EDUCATION

Instructor (1/02 – 6/02)

Ocean Institute, Dana Point, CA

- Instructed maritime history through award-winning living history program aboard the *Brig Pilgrim*
- Crewed and taught sailing aboard the Schooner *Spirit of Dana Point* for day and overnight sails with students
- Instructed marine science courses to pre-k through high school students

Marine Science Instructor / SCUBA Dive Instructor (7 seasons between 1/99 – 8/04)

Catalina Island Marine Institute, Catalina Island, CA

- Instructed 5th-12th graders in ichthyology, phycology, and invertebrate taxonomy.
- Certified SCUBA divers in underwater ecology, photography, open water, and advanced classes.

Conservation Work Crew Leader (7/00 – 8/00) (7/99 – 8/99)

Student Conservation Association, Jedediah Smith Wilderness Area, WY/Rocky Mountain National Park, CO

- Led backcountry trail crew of 8-10 high school students for 5 weeks
- Led exploratory lessons in natural history and local environmental issues

COMMUNITY AND ACADEMIC WORKSHOP FACILITATION

Trainer	November 2015, Communication Training for Stanford’s First Nations Futures Institute
Organizer/Facilitator	December 2011/October 2012, Preparing for the Future: Climate Change and the Monterey Bay Shoreline for coastal practitioners in the Monterey Bay area
Organizer/Trainer	2008-2012 Communication Training – Speaking to the Media for scientists/ graduate students
Facilitator/Trainer	March 2011, Communicating Climate Change: Meeting the Challenges of Effective Public Engagement for the National Estuarine Research Reserve’s Coastal Training Program
Organizer/Facilitator	June/September 2010, Pacific Ocean 2020 Visioning for Pacific Island Nations and State of California for international NGOs, scientists and Pacific Island and California leaders, Suva, Fiji and San Francisco, California
Organizer/Facilitator	January 2010, Ecosystem-based Management for Pacific Islands leaders in Rarotonga, Cook Islands
Organizer/trainer	2009-2010, Climate Adaptation Training for coastal practitioners in collaboration with state and federal agencies
Designer/Trainer	2007-2010, How to speak to Policy-makers: A Communication Training for Scientists for graduate students, and professional scientists
Designer/Trainer	2008- 2009, Reaching Agents of Change for Luce Fellows, UCSB