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*Curriculum Vitae*

**P. Sol Hart**

Assistant Professor  
Communication Studies | Program in the Environment  
University of Michigan, Ann Arbor

**EDUCATION**

- 2010      **Cornell University**  
Ph.D. in Communication  
Dissertation Committee: Bruce Lewenstein (Chair, Cornell University), Katherine McComas (Cornell University), Tarleton Gillespie (Cornell University), Paul Slovic (University of Oregon; Decision Research).
- 2005      **University of Oregon**  
M.S. in Environmental Studies
- 2002      **University of California at Davis**  
B.S. in Environmental Policy Analysis and Planning  
**Graduated with highest honors.**

**RESEARCH FOCI**

Environmental, Risk, and Science Communication; Persuasion; Mass Communication; Media Effects; Judgment and Decision Making.

**ACADEMIC POSITIONS**

- 2013 – Present      *Assistant Professor*  
Communication Studies | Program in the Environment.  
Faculty Associate: Research Center for Group Dynamics, Institute for Social Research (ISR).  
University of Michigan, Ann Arbor
- 2010 – 2013      *Assistant Professor*  
School of Communication, American University
- 2005 – 2010      *Research and Teaching Assistant*  
Department of Communication, Cornell University

## PUBLICATIONS

### Refereed Journal Articles (27)

\*denotes mentored student at time of submission

- Campbell-Arvai, C., **Hart, P. S.**, Raimi, K., & Wolske, K. (forthcoming). The influence of learning about carbon dioxide removal (CDR) on support for mitigation policies. *Climatic Change*.
- Clarke, E. C., Budgen, D. \*, **Hart, P. S.**, Stedman, R. C., Jacquet, J. B., Evensen, D. T. N., Boudet, H. S. (2016). How geographic distance and political ideology interact to influence public perception of unconventional oil/natural gas development. *Energy Policy*, 97, 301-309.
- Hart, P. S.**, & Feldman, L. (2016). The influence of climate change efficacy messages and efficacy beliefs on intended political participation. *PLoS ONE*, 11(8): e0157658.
- Hart, P. S.**, & Feldman, L. (2016). The impact of climate change-related imagery and text on public opinion and behavior change. *Science Communication*, 38(4), 415-441.
- Feldman, L., & **Hart, P. S.** (2016). Using political efficacy messages to increase climate activism: The mediating role of emotions. *Science Communication*, 38(1), 99-127.
- Hart, P. S.**, Nisbet, E. C., & Myers, T. A. (2015). Public attention to science and political news and support for climate change mitigation. *Nature: Climate Change*, 5, 541-545.
- Hart, P. S.**, Feldman, L., Leiserowitz, A. A., & Maibach, E. (2015). Extending the impacts of hostile media perceptions: Influences on discussion and opinion polarization in the context of climate change. *Science Communication*, 37(4), 506-532.
- Hart, P. S.**, Stedman, R. C., & McComas, K. A. (2015). How physical proximity of climate mitigation projects influences the relationship between affect and public support. *Journal of Environmental Psychology*, 43, 196-202.
- Feldman, L., **Hart, P. S.**, & Milosevic, T.\* (2015). Polarizing news? Representations of threat and efficacy in leading U.S. newspapers' coverage of climate change. *Public Understanding of Science*. Advance online publication.
- Feldman, L., **Hart, P. S.**, Leiserowitz, A. A., Maibach, E., & Roser-Renouf, C. (2015). Do hostile media perceptions lead to action? The role of hostile media perceptions, political efficacy, and ideology in predicting climate change activism. *Communication Research*. Advance online publication.
- Clarke, C. E., **Hart, P. S.**, Schuldt, J. P., Evensen, D. T. N., Boudet, H. S., Jacquet, J. B., & Stedman, R. C. (2015). Public opinion on energy development: The interplay of issue framing, top-of-mind associations, and political ideology. *Energy Policy*, 81, 131-140.

- Jang, S.M.\*, & **Hart, P. S.** (2015). Polarized frames on “climate change” and “global warming” across countries and states: Evidence from twitter and big data. *Global Environmental Change*, 32, 11-17.
- Hart, P. S.**, & Larson, B. L. (2014). Communication about invasive species: How “driver” and “passenger” models influence public willingness to take action. *Conservation Letters*, 7(6), 545-552.
- Hart, P. S.**, & Feldman, L. (2014). Threat without efficacy? Climate change on U.S. network news. *Science Communication*, 36(3), 325-351.
- Peters, E., **Hart, P. S.**, Tusler, M., & Fraenkel, L. (2014). Numbers matter to informed patient choices: A randomized design across age and numeracy levels. *Medical Decision Making*, 34(4), 430-442.
- Nisbet, E. C., **Hart, P. S.**, Meyers, T., & Elliothorpe, M.\* (2013). Attitude change in competitive framing environments? The moderating role of open/close-mindedness on framing effects about global climate change. *Journal of Communication*, 63(4), 766-785.
- Hart, P. S.** (2013). The role of numeracy in moderating the influence of statistics in climate change messages. *Public Understanding of Science*, 22(7), 785-798.
- Hart, P. S.**, & Nisbet, E. C. (2012). Boomerang effects in science communication: Political partisanship, social identity and public support for climate mitigation. *Communication Research*, 39, 701-723.
- Selected as the top published paper in Science, Health, Environmental and Risk Communication in 2012 by the ComSHER division of AEJMC.**
- Byrne, S., Guillory, J., Mathios, A. D., Avery, R. J., & **Hart, P. S.** (2012). The unintended consequences of disclosure: The impact of manipulating sponsor identification on the perceived credibility and effectiveness of smoking cessation. *Journal of Health Communication*, 17(10), 1119-1137.
- Hart, P. S.**, Nisbet, E. C., & Shanahan, J. E. (2011). Environmental values and the social amplification of risk: An examination of how environmental values and media use influence predispositions for public engagement. *Society and Natural Resources*, 24(3), 276-291.
- Hart, P. S.** (2011). One or many? The influence of episodic and thematic climate change frames on policy preferences and individual behavior change. *Science Communication*, 33(1), 28-51.
- Peters, E., **Hart, P. S.**, & Fraenkel, L. (2011). Informing Patients: The influence of numeracy, framing, and format of side-effect information on risk perceptions. *Medical Decision Making*, 31(3), 432-436

McComas, K. Stedman, R., & **Hart, P. S.** (2011). Community support for campus approaches to sustainable energy use: The role of “town-gown” relationships. *Energy Policy*, 39, 2310-2318.

**Hart, P. S.**, & Leiserowitz, A. A. (2009). Finding the teachable moment: An analysis of information-seeking behavior on global warming related websites during the release of *The Day After Tomorrow*. *Environmental Communication*, 3(3), 355-366.

Gore, M. L., Wilson, R. S., Siemer, W. F., Weiczorek Hudenko, H.A., Clarke, C. E., **Hart, P.S.**, Maguire L. A., & Muter B.A. (2009). Application of risk concepts to wildlife management: special issue introduction. *Human Dimensions of Wildlife*, 14(5), 301-314.

Byrne, S., & **Hart, P. S.** (2009). The ‘boomerang’ effect: A synthesis of findings and a preliminary theoretical framework. In C. Beck (Ed.), *Communication Yearbook 33*, 3-37. Mahwah, NJ: Lawrence Erlbaum Associates.

Siemer, W. F., **Hart, P. S.**, Decker, D. J., & Shanahan, J. E. (2009). Factors that influence concern about human-black bear interactions in residential settings. *Human Dimensions of Wildlife*, 14(3), 174-184.

### **Refereed Book Chapters (1)**

**Hart, P. S.** (2013). Boomerang Effects in Risk Communication. In J. Arvai, & L. Rivers’ (eds.) *Effective Risk Communication* (304-318). Routledge: New York, NY.

### **GRANTS**

2016 – 2017 University of Michigan – Department of Communication Marsh Research Grant. (funded for \$15,000). The Influence of Framing on Public Support for Clean Energy and Climate Adaption Policies. **Hart, P. S. (PI)**.

2016 - 2017 University of Michigan – Energy Institute. (funded for \$20,000). The Role of Naturalness and Tradeoffs in Perceptions of Carbon Dioxide Removal (CDR) and Climate Change Mitigation. Campbell-Arvai, V. (PI), **Hart, P. S. (Co-PI)**, Raimi, K. T. (Co-PI), & Wolske, K. (Co-PI).

2016 - 2018 University of Michigan – Energy Institute. (funded for \$9,000). Exploring the Nature and Impact of Media Coverage of CDR. Soroka, S. (PI), **Hart, P. S. (Co-PI)**.

2016 University of Michigan – Energy Institute. (funded for \$18,735). The Influence of Carbon Dioxide Reduction (CDR) Technology Information on Support for Climate Mitigation Strategies. Campbell-Arvai, V. (PI), **Hart, P. S. (Co-PI)**, Raimi, K. T. (Co-PI), & Wolske, K. (Co-PI).

- 2012 - 2016 National Science Foundation – DRMS. (funded for \$219,292). The Influence of Efficacy, Framing, and Political Orientation on Selective Perception and Selective Exposure: The Case of Atmospheric Change. **Hart, P. S. (PI)**, & Feldman, L. (Co-PI).
- 2012 American University – Faculty Research Grant. (funded for \$4,313). The Role of Numeracy, Statistics, and Episodic and Thematic Framing in Climate Change Communication. **Hart, P. S. (PI)**.
- 2008 - 2011 National Science Foundation - DRMS. (funded for \$12,000). Doctoral Dissertation Research in DRMS: Explicating Thematic and Structural Frame Components for Effective Communication of Global Climate Change to Lay Audiences. Lewenstein, B. V. (PI), & **Hart, P. S. (Co-PI)**.
- 2008 Cornell University - Institute for Social Sciences. (funded for \$5,850). Smoking Cessation Advertisements and Source Credibility. Byrne, S. (PI), Mathios, A. (Co-PI), Avery, R. (Co-PI), & **Hart, P. S. (Co-Investigator)**.
- 2007 Cornell University - Agricultural Experiment Station. (funded for \$20,000). Communicating Global Climate Change. Yuan, C. (PI), **Hart, P. S. (Co-Investigator)**, & Nisbet, E. C. (Co-Investigator).

## HONORS AND AWARDS

- Top Faculty Paper Award. Environmental Communication Division of the International Communication Association (2016).
- Top Published Paper in Science, Health, Environmental, and Risk Communication for 2012. Award given by ComSHER, AEJMC (2013)
- Curriculum Development Grant, American University (2011)
- National Science Foundation Travel Grant to attend the Annual Conference for the American Meteorological Society (2011)
- Environmental Protection Agency. Science to Achieve Results (STAR) Graduate Fellowship (full tuition and living stipend, 2008 - 2010)
- Anson Rowe Award, Cornell University (awarded annually to the communication graduate student with the most outstanding record of research, 2008)
- Top two student paper, Society for Risk Analysis (2007)
- Student Travel Award, Society for Risk Analysis (2007)
- Cornell Graduate School Fellowship (full tuition and living stipend, 2005 - 2006)
- Donald R. Barker Trust Scholarship, University of Oregon (2003)
- University of Oregon Graduate School Recruitment Award (2003)
- Regents Scholar, University of California at Davis (highest scholarship awarded by the University of California) (1998 – 2002)
- Charles Hess Community Service Award Winner, University of California at Davis (awarded to the graduating male and female senior with the most outstanding record of community service during their undergraduate career) (2002)
- Graduated with Highest Honors, University of California at Davis (2002)

Citation of Outstanding Performance in Environmental Policy Analysis and Planning,  
University of California at Davis (2002)  
Student Commencement Speaker for College of Agricultural and Environmental Sciences  
commencement ceremony, University of California at Davis (2002)

## **REFEREED CONFERENCE PAPERS**

- Feldman, L. & **Hart, P. S.** (2016). Is there any hope? How climate change news imagery and text influence audience emotions and support for mitigation policies. Paper presented at the annual meeting of the National Communication Association. Philadelphia, PA.
- Hart, P. S.**, & Feldman, L. (2016). The influence of internal, external, and response efficacy on climate change-related political participation. Paper presented at the annual meeting of the Association for Education in Journalism and Mass Communication. Minneapolis, MN.
- Hart, P. S.**, Feldman, L. (2016). The influence of climate change related imagery on political behavior. Paper presented at the annual meeting of the International Association for Society and Natural Resources. Houghton, MI.
- Hart, P. S.**, & Feldman, L. (2016). The Impact of climate-change-related imagery on public opinion and behavior change. Paper presented at the annual meeting of the International Communication Association. Fukuoka, Japan.  
**Selected as the top faculty paper by the Environmental Communication Division.**
- Hart, P. S.**, Nisbet, E. C., & Myers, T. A. (2015). Public attention to science and political news and support for climate change mitigation. Paper presented at the annual meeting of the Association for Education in Journalism and Mass Communication. San Francisco, CA.
- Hart, P. S.**, & Feldman, L. (2015). Hostile media perceptions as a driver of discursive action in the context of global climate change. Paper presented at the annual meeting of the International Communication Association. San Juan, Puerto Rico.
- Feldman, L., & **Hart, P. S.** (2015). Using political efficacy messages to increase climate activism: The mediating role of emotions. Paper presented at the annual meeting of the International Communication Association. San Juan, Puerto Rico.
- Feldman, L., **Hart, P. S.**, & Milosevic, T. (2014). The threat, self-, external- and response-efficacy model: Examining climate change in leading U.S. newspaper. Paper presented at the annual meeting of the Association for Education in Journalism and Mass Communication. Montreal, Canada.
- Hart, P. S.**, Feldman, L., Leiserowitz, A., & Maibach, E. (2014). Extending the impacts of hostile media perceptions: Influences on discussion and polarization in the context of climate change. Paper presented at the annual meeting of the Association for Education in Journalism and Mass Communication. Montreal, Canada.

- Rice, R. E., Byrne, S., & **Hart, P. S.** (2014). Strategic design and unintended consequences of marine health communication campaigns. Paper presented at the annual meeting of the International Communication Association. Seattle, WA.
- Schuldt, J. P., Burge, C. A., McComas, K. A., & **Hart, P. S.** (2014). How do people think about marine health? Exploring motivated reasoning about the links between climate change, oyster disease, and human health. Paper presented at the annual meeting of the International Communication Association. Seattle, WA.
- Feldman, L. **Hart, P. S.**, Leiserowitz, A., Maibach, E., & Roser-Renouf, C. (2014). Do hostile media perceptions lead to action? The role of hostile media perceptions, political efficacy, and ideology in climate change activism. Paper presented at the annual meeting of the International Communication Association. Seattle, WA.
- Hart, P. S.** (2014). Boomerang effects and climate change. Paper presented at the annual meeting of the Society for Personality and Social Psychology. Austin, TX.
- Hart, P. S.**, Stedman, R., & McComas, K. A. (2013). The influence of psychological distance and emotion on public support for climate mitigation projects. Paper presented at the annual meeting for the International Communication Association. London, England.
- Hart, P. S.**, & Feldman, L. (2012). Framing climate change in the public sphere. Paper presented at the annual meeting for the Society for Risk Analysis. San Francisco, CA.
- Hart, P. S.**, & Krizel, L. (2012). Metaphors in science communication: The influence of metaphors on the public perceptions of introduced species. Paper presented at the annual meeting for the Association for Education in Journalism and Mass Communication. Chicago, IL.
- Nisbet, E. C., **Hart, P. S.**, Myers, T., & Elliothorpe, M. (2012). Attitude change in competitive framing environments? The moderating role of open/close-mindedness on framing effects about global climate change. Paper presented at the annual meeting for the Association for Education in Journalism and Mass Communication. Chicago, IL.
- Hart, P. S.**, & Feldman, L. (2012). Threat without efficacy? How news coverage of climate change may drive maladaptive behavior. Paper presented at the annual meeting for the International Communication Association. Phoenix, AZ.
- Hart, P. S.**, & Nisbet, E. C. (2011). Motivated reasoning, identity cues, and support for climate mitigation policies: A moderated-mediation model. Paper presented at the annual meeting for the Association for Education in Journalism and Mass Communication. St. Louis, MO.
- McComas, K. A., Stedman, R. C., & **Hart, P. S.** (2011). Community support for campus approaches to sustainable energy use: The role of “Town-Gown” Relationships. Paper presented at the annual meeting of the International Communication Association. Boston, MA.

- Hart, P. S., Stedman, R. C., & McComas, K. A. (2011).** Construal level theory, affect, and community support for climate change initiatives. Paper presented at the annual meeting of the International Communication Association. Boston, MA.
- Hart, P. S. (2011).** The role of numeracy in moderating the influence of statistics in climate change frames. Paper presented at the annual meeting of the International Communication Association. Boston, MA.
- Hart, P. S. (2011).** Boomerang effects in science communication. Presented at the semi-annual meeting of the Sustainable Water Resources Roundtable. Washington, DC.
- Hart, P. S. (2011).** Boomerang effects in science communication: The case of climate change. Paper presented at the annual conference for the American Meteorological Society. Seattle, WA.
- Hart, P. S. (2010).** Risk perception, gender, and behavior. *Panel Organizer* - annual conference for the Society for Risk Analysis. Salt Lake City, UT.
- Hart, P. S. (2010).** Affect, psychological distance, and support for climate change initiatives. Paper presented at the annual conference for the Society for Risk Analysis. Salt Lake City, UT.
- Hart, P. S. (2009).** The role of political ideology and victim identification in the effectiveness of climate change messages. Paper presented at the annual conference for the Society for Risk Analysis. Baltimore, MD.
- Hart, P. S., Stedman, R., & McComas, K. (2009).** The role of affect in predicting support for climate change initiatives. Paper presented at the annual conference for the Society for Judgment and Decision Making.
- Hart, P. S. (2009).** One or many? The influence of episodic and thematic climate change frames. Paper presented at annual conference for the Association for Education in Journalism and Mass Communication Annual Convention, Boston, MA.
- Hart, P. S., Nisbet, E.C., & Shanahan, J. (2009).** The influence of environmental values and media use on predispositions for public engagement in wildlife management decision making. Paper presented at the annual conference for the International Communication Association, Chicago, IL.
- Nisbet, E.C., & **Hart, P. S. (2009).** Framing global climate change: Cognitive and emotional responses within a competitive message environment. Paper presented at the annual conference of the International Communication Association, Chicago, IL.
- Byrne, S., Mathios, A., Avery, R., & **Hart, P. S. (2009).** The unintended consequences of disclosure: Explicit sponsor identification on smoking cessation ads. Paper presented at the annual conference of the International Communication Association, Chicago, IL.



- Hart, P. S.** (2008). The influence of statistics in climate change frames. Paper presented at the annual conference of the Society for Risk Analysis, Boston, MA.
- Hart, P. S. & Nisbet, E. C.** (2008). Persuasion, Political Ideology, and Social Identity Theory: An investigation into factors that affect efforts to communicate climate change. Paper presented at the annual conference of the Society for Risk Analysis, Boston, MA.
- Nisbet, E.C. & **Hart, P.S.** (2008). Strategic framing, social identity, and public opinion about climate change. Paper presented the 2008 Midwest Association of Public Opinion Research. Chicago, IL.
- Hart, P. S.** (2008). When numbers matter: Using exemplars and statistics in persuasive climate change appeals. Paper presented at the Pathways to Success: Integrating Human Dimensions into Fish and Wildlife Management conference, Estes Park, CO.
- Hart, P. S. & Nisbet, E. C.** (2008). Structural frame components in communicating climate change. Paper presented at the annual International Symposium on Society and Resource Management, Burlington, VT.
- Hart, P. S.** (2008). Market influences on climate change frames in CNN and Fox News climate change broadcasts. Paper presented at the annual conferences of the International Communication Association, Montreal, Canada.
- Hart, P. S. & Leiserowitz, A. A.** (2007). The Influence of the Mass Media on Information Seeking Behavior. Paper presented at the Annual conference of the International Communication Association, San Francisco, CA.
- Hart, P. S., Nisbet, E. C., & Shanahan, J. E.** (2007). Environmental values and the social amplification of risk: An examination of the public response to an outbreak of chronic wasting disease in upstate New York. Paper presented at the annual conference of the Society for Risk Analysis, San Antonio, TX.

## **INVITED PRESENTATIONS**

- Hart, P. S.** (2015). How do we perceive and respond to uncertainty? Invited presentation for NOAA workshop on modeling ecosystem uncertainty, Ann Arbor, MI.
- Hart, P. S.** (2015). Communicating for impact about sustainability. Invited presentation for the Sustainable Science Communication Conference, University of California – Santa Barbara. Santa Barbara, CA.
- Hart, P. S.** (2015). Communication and Environmental Decision Making. Invited presentation for Emerging Perspectives in Environmental Decision-Making Workshop. University of Southern California. Los Angeles, CA.
- Hart, P. S.** (2015). Taming Numbers in Risk Reporting. Invited presentation for the World Conference of Science Journalists. Seoul, Korea.

**Hart, P. S.** (2015, 2016). Effective methods for student engagement in large lectures. Invited presentation for CRLT teacher training at the University of Michigan. Ann Arbor, MI.

## **MEDIA COVERAGE OF RESEARCH**

Deaton, J. (Aug 23, 2016). Most American's won't act on climate change. The news probably isn't helping. *Think Progress*. <https://thinkprogress.org/a-better-way-to-report-on-climate-change-60e9b79eee95#.jsf2mc1ua>

Phys.org. (Aug 3, 2016). Images in climate change stories spur readers to action. *Phys.org*. <http://phys.org/news/2016-08-images-climate-stories-spur-readers.html>

Hutton, S., Short, B., & Wason, E. (September 30, 2014). The Next Big Thing. *LSA Magazine*. [http://www.lsa.umich.edu/lsa/archives/ci.thenextbigthing\\_ci.detail](http://www.lsa.umich.edu/lsa/archives/ci.thenextbigthing_ci.detail)

Geiling, N. (May 1, 2014). Why doesn't anyone know how to talk about global warming? The gap between science and public understand prevent action on climate change – but social scientists think they can fix that. *Smithsonian Magazine*. <http://www.smithsonianmag.com/science-nature/talking-about-climate-change-how-weve-failed-and-how-we-can-fix-it-180951070/?no-ist>

Nordhaus, T., & Shellenberger, M. (April 8, 2014). The psychology of Climate Change: The science and scholarship of how humans think and feel about global warming. *The Breakthrough Institute*. <http://thebreakthrough.org/index.php/programs/energy-and-climate/the-psychology-of-climate-change>

Upton, J. (April 2, 2014). The media is only telling you half of the climate change story. *Pacific Standard*. <http://www.psmag.com/navigation/nature-and-technology/media-telling-scary-half-climate-story-77991/>

Wadley, J. (Mar 26, 2014). Network news climate change stories rarely report both impact, action. *Phys.org*. <http://phys.org/news/2014-03-network-news-climate-stories-rarely.html>

Mirkinson, J. (Mar 25, 2014). Here's another way the media is failing us in climate change coverage. *The Huffington Post*. [http://www.huffingtonpost.com/2014/03/25/media-climate-change-solutions\\_n\\_5028628.html](http://www.huffingtonpost.com/2014/03/25/media-climate-change-solutions_n_5028628.html)

Robbins, D. (Mar 18, 2014). The new media trend will leave you optimistic about the future. *Media Matters*. <http://mediamatters.org/blog/2014/03/18/this-new-media-trend-will-leave-you-optimistic/198513>

Venema, V. (Mar 15, 2014). Do climate dissenters like climate change? *Variable Variability*. <http://variable-variability.blogspot.de/2014/03/climate-dissenters-like-climate-change.html>

Mooney, C. (Mar 5, 2014). Here are 5 infuriating examples of facts making people dumber. *Mother Jones*.

<http://www.motherjones.com/blue-marble/2014/03/brendan-nyhan-backfire-effects-facts>

Tier, M. (Mar 4, 2014). Global sustainability through a social psychological lens: Climate change research at SPSP 2014. *The Psych Report*.

[http://thepsychreport.com/research-application/featured-research/global-sustainability-social-psychological-lens/?utm\\_content=buffer09a94.com](http://thepsychreport.com/research-application/featured-research/global-sustainability-social-psychological-lens/?utm_content=buffer09a94.com)

- Rhennie, J. (Dec. 6, 2011). Mind games on global warming. *SmartPlanet*.  
<http://www.smartplanet.com/blog/savvy-scientist/mind-games-on-global-warming/178>
- Mims, C. (Aug. 23, 2011). People don't care about climate impacts in other countries. *Grist.org*.  
<http://grist.org/list/2011-08-23-people-dont-care-about-climate-impacts-in-other-countries/>
- Curry, J. (Aug 23, 2011). Climate boomerangs. *Climate Etc.*  
<http://judithcurry.com/2011/08/23/climate-boomerangs/>
- CEPA (Aug 23, 2011). Study Warns of Boomerang Effects in Climate Change Campaigns. *California Environmental Protection Agency, Air Resources Board*,  
<http://www.arb.ca.gov/lispub/rss/displaypost.php?pno=5282>
- Environment (Aug. 19, 2011). Study warns of boomerang effects in climate change campaigns. *The Environment*, <http://theenvironmentonline.com/index.php/climate-change/6817-study-warns-of-boomerang-effects-in-climate-change-campaigns-big-think-blog.html>
- Nisbet, M. (Aug. 19, 2011). Study warns of boomerang effects in climate change campaigns. *Age of Engagement*. <http://bigthink.com/age-of-engagement/study-warns-of-boomerang-effects-in-climate-change-campaigns>
- NonProfit Blogs. (Feb. 8, 2011). Public polarization on climate change caused by boomerang effect, new study finds. *NonProfitBlogs.info*. <http://nonprofitblogs.info/public-polarization-on-climate-change-caused-by-boomerang-effect-new-study-finds/>
- Kahn, B. (Feb 8, 2011). Public polarization on climate change caused by boomerang effect, new study finds. *JustMeans*. <http://www.justmeans.com/Public-Polarization-on-Climate-Change-Caused-by-Boomerang-Effect-New-Study-Finds/44140.html>

## COURSES TAUGHT

### University of Michigan

#### Undergraduate

COMM 413/ENVIRON 413: *Environmental Communication*

COMM 380: *Persuasion, Communication, and Campaigns*

COMM 408/ENVIRON 462: *Marketing for Social Change*

#### Graduate

COMM 840: *Persuasion: Communicating for Influence* (Ph.D.)

### American University

#### Undergraduate

COMM 209: *Communication and Society*

COMM 496: *Persuasion: Communicating for Influence*

COMM 380: *Public Communication Research*

#### Graduate

COMM 750: *Advanced Media Theory* (Ph.D.)

COMM 735: *Communication Theory* (Masters)

### Cornell University

#### Undergraduate

COMM 3030: *Organizational Writing*

## NON-CREDIT INSTRUCTION TAUGHT

- Guest Lecture, Internal to American University, 22 participants. (February 16, 2012)  
Presented on the importance of communication research for designing and implementing marketing and public relations campaigns.
- Guest Lecture, Internal to American University, 7 participants. (November 8, 2011)  
Presented to PhD students about Life in Academia.
- Guest Lecture, Internal to American University, 22 participants. (September, 2011)  
Presented on environmental framing.
- Guest Lecture, Internal to American University, 22 participants. (October, 2010)  
Presented on poverty communication.
- Guest Lecture, Internal to American University, 20 participants. (September, 2010)  
Presented on effective strategies for pro-social communication.

## STUDENT MENTORSHIP

### Supervised Research

#### University of Michigan

Sedona Chinn (Ph.D.), Daniel Lane (Ph.D.), Amelia Couture (Ph.D.), Jana Wilbricht (Ph.D.), S. Mo Jang (Ph.D.).

#### American University

Tijana Milosevic (Ph.D.), Sarah Merritt (Ph.D.), Emily Mangieri (Masters), Matthias Mordi (Masters), Kathrina Maramba (Masters), Toby Phillips (Masters), Maya Aguilar (Masters), Nicola Vesco (Masters), Lauren Krizel (Undergraduate), Shanika Yapa (Undergraduate).

### Honors Capstones

#### American University

Yapa, S. (Undergraduate) *Moral Obligations and Poverty Appeals*.  
Krizel, L. (Undergraduate) *Using Metaphors in Science Communication*.

### Independent Study

#### University of Michigan

Julie Whinham (Undergraduate) *Social Media & Increasing Awareness of and Engagement with Sustainable Computing*.

#### American University:

Juan-Carlos Aviles (Masters) *Case Study of CDC's Public Service Announcement for the 2011 Million Hearts Campaign Kickoff*. Contributed to Capstone that received honor for best weekend-program graduate student capstone.

## UNIVERSITY SERVICE

### University of Michigan

Evaluator, Teaching Reappointment Review for Lecturer IV (2016 - 2017)  
Committee Member, Tenure Review Committee (2017 – 2018)  
Committee Member, PitE Curriculum Committee (2016-present)  
Planner and Coordinator, Communication Studies – Faculty Mystery Lunch (2017)  
Committee Member, PitE Teaching Review Committee (2013-2014, 2015-2016)  
Committee Member, PitE Scholarship Committee (2013-2014)  
Organizer, Communication studies junior faculty mentoring meetings (2013-2015)  
Committee Member, Communication Studies Student Participant Pool Ad Hoc Committee (2014)

### American University

Committee Member, SOC Ph.D. Curriculum Committee. (2011 - 2013)  
Committee Member, SOC Ph.D. Program Committee. (2011 - 2013)  
Committee Member, SOC PC Division MA Admission Committee (2012)  
Committee Member, SOC Rank and Tenure Committee. (2011 - 2012)  
Faculty Advisor for AU SALSA (2011 – 2012)  
Guest Speaker, SOC - Teaching Beyond the SETs. (2012)  
Discussion Moderator, Interviewer for Peter Richardson at How to Die in Oregon CSM Event. (2011)  
Committee Chair, SOC PC Committee on revisions to grade requirements for Master's program. (2011)  
Committee Member, SOC PC Weekend Program Subcommittee. (2011)  
Committee Member, SOC Faculty Development Committee. (2010 - 2011)  
SOC PC Division Ad-Hoc Team for Grading Comprehensive Exams (2010, 2011).

## EXTERNAL SERVICE

### Editorial Board

*Science Communication*, 2013 – present  
*Environmental Communication*, 2016

### Editor

*Sage Open* – Article Editor, 2014

### Journal Manuscript Review

*Communication Research*, *Conservation Letters*, *Environmental Communication*, *Environmental Psychology*, *Global Environmental Change*, *HKIE Transactions*, *Human Communication Research*, *International Journal of Communication*, *International Journal of Press/Politics*, *International Journal of Sociology and Anthropology*, *Journal of Communication*, *Journal of Risk Research*, *Mass Communication and Society*, *Nature: Climate Change*, *NSF Science Indicators Annual Report*, *Public Understanding of Science*, *Science Communication*, *Social Science and Medicine*, *Society & Natural Resources*, *Risk Analysis*.

**Grant Review**

NSF DRMS grant proposal review, NSF TESS grant proposal review.

**Professional Conference Paper Review**

International Communication Association: *Mass Communication, Health Communication*

Association for Education in Journalism and Mass Communication: *ComSHER, Mass Communication and Society*

Society for Risk Analysis: *Risk Communication Specialty Group*

**Professional Association Leadership and Service**

Vice Head, ComSHER division, AEJMC (2016-2017)

Vice Head Elect, ComSHER division, AEJMC (2015-2016)

Teaching Chair, ComSHER division, AEJMC (2014 – 2015)

PF&R Chair, ComSHER division, AEJMC (2013 – 2014)

Secretary, ComSHER division, AEJMC (2012 – 2013)

Newsletter Editor, ComSHER division, AEJMC (2011 - 2012)

Discussant, ComSHER division, AEJMC (2012-2016)

Discussant, Environmental Communication division, ICA (2016)

Panelist, National Council for Science and Environment, U.S. Environmental Protection Agency. Working panel to develop research priorities for social science research related to the EPA. (2011)

Panel Chair, SRA (2010)

**Outside Dissertation Reader**

Todd Newman, American University. (2016). *Cultural Cognition, Public Opinion, and Media Polarization in the Climate Change Debate*.

**CONSULTING**

Research Consultant, Family Health International. (2009 – 2010)

**RESEARCH AFFILIATIONS**

Visiting Scholar, Decision Research, Eugene Oregon. (Summers, 2009 – present).

Affiliated Researcher, Center for Climate Change Communication (2010 – present).

**PROFESSIONAL AFFILIATIONS**

Association for Education in Journalism and Mass Communication

International Communication Association

International Association for Society and Natural Resources

Society for Risk Analysis