

# ASHELEY R. LANDRUM

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## RESEARCH INTERESTS

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*In alphabetic order*

Children & (Science) Media; Engagement with Science Media; Media Effects on Cognitive Processing; Media Psychology; Public Understanding of Science; Science Curiosity; Science and Health Misinformation; Science of Science Communication

## EMPLOYMENT

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2017 - present	<b>Assistant Professor</b> College of Media & Communication, Texas Tech University	Lubbock, TX
2015 - 2017	<b>Howard Deshong Postdoctoral Fellow</b> Annenberg Public Policy Center, University of Pennsylvania	Philadelphia, PA
2013 - 2015	<b>Postdoctoral Associate</b> Department of Psychological & Brain Sciences, University of Louisville	Louisville, KY
2012 - 2017	<b>Instructor</b> Department of Social Sciences, Brookhaven College	Farmers Branch, TX
2006 - 2008	<b>Newsroom Editor</b> Symon Communications	Plano, TX

## EDUCATION

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2013	<b>Ph.D.</b> , Psychological Sciences, The University of Texas at Dallas <i>Advisor:</i> Candice M. Mills, PhD, <i>Concentrations:</i> Developmental Psychology; Cognition <i>Dissertation:</i> Developing Expectations of the Boundaries of Expertise
2011	<b>M.S.</b> , <i>Applied Cognition and Neuroscience</i> , The University of Texas at Dallas
2007	<b>Graduate Certificate</b> , <i>Volunteer &amp; Community Resource Management</i> , The University of North Texas
2005	<b>B.A.</b> , <i>Philosophy &amp; English (Majors); Biology (Minor)</i> , The University of Texas at Austin

## GRANT SUPPORT

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2018-2021	<i>COLLABORATIVE RESEARCH: Cracking the Code: Millennial Science Engagement</i> <b>National Science Foundation (EHR, AISL)</b> My Role: Co-PI Lead PI: S.E. McCann (KQED San Francisco) Co-PIs: E. Bandy, J. Brady, & S. Eris (KQED); A. Landrum (Texas Tech) Amount Awarded to Texas Tech: \$229,782
2017-2018	<i>Understanding Millennial Engagement with Science Media (Phase 1)</i> <b>Templeton Religion Trust</b> My Role: Research Director Lead PI: S.E. McCann (KQED San Francisco) Co-PI: E. Brandy (KQED)

## FELLOWSHIPS, HONORS, & AWARDS

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2019	College of Life Sciences Fellowship, Wissenschaftskolleg zu Berlin, Spring/Summer 2019
2018	Celebration of Faculty Excellence in Research, Scholarship, & Creative Activity, Texas Tech University
2018	Invited plenary speaker for 2018 Iowa City Darwin Day, University of Iowa
2018	American Association for the Advancement of Science Travel Award
2017-2018	Women Faculty Writing Program Fellow, Texas Tech University
2017	Annenberg Sackler Travel Award
2017	Keynote Speaker for Science Communication Workshop at the Franklin Institute, Philadelphia, PA
2017	Adjunct Longevity Award for 10 semesters taught at Brookhaven College (2012 – 2017)
2016	Invited plenary speaker for 'A Letter from Rome: <i>Laudato Si</i> ' as a Catalyst for Society Transformation', IASS Potsdam, DE
2015-2017	Howard Deshong Distinguished Fellowship, Annenberg Public Policy Center
2013	Society for Research in Child Development Student Travel Award
2012	Dissertation Support Award, School of Behavior and Brain Sciences, University of Texas at Dallas
2012	Department Nomination for APA Dissertation Award, University of Texas at Dallas

## RESEARCH

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### Publications

\*corresponding author(s), <sup>p</sup>refereed and published conference proceedings,

♦Undergraduate or graduate student I supervised or co-supervised

### Refereed Journal Articles

19. **Landrum\***, A. R., Hallman, W. K., & Jamieson, K. H. (2019). Examining the Impact of Expert Voices: Communicating the scientific consensus on genetically modified organisms. *Environmental Communication*, 13(1), 51-70. doi: 10.1080/17524032.2018.1502201
18. Yu\*, Y. **Landrum**, A. R., Bonawitz, E., Shafto, P. (2018). Questioning supports effective transmission of knowledge and increased exploratory learning in pre-kindergarten children. *Developmental Science*. doi: 10.1111/desc.12696
17. **Landrum**, A. R. \*, Hilgard, J., Lull, R. B., Akin, H., & Jamieson, K. H. (2018). Open and transparent research practices and public perceptions of the trustworthiness of agricultural biotechnology organizations. *Journal of Science Communication*, 17(02), A04. doi: 10.22323/2.17020204.
16. Weisberg, D. S., **Landrum**, A. R., Metz, S. E., Weisberg\*, M. (2018). No Missing Link: Knowledge predicts acceptance of evolution in the United States. *BioScience*, 68(3), 212-222. doi: 10.1093/biosci/bix161
15. **Landrum\***, A. R., & Lull, R. B. (2017). Stop preaching to the converted. *Nature Climate Change*, 7(8), 538-540. doi: 10.1038/nclimate3355

14. **Landrum\***, A. R., Lull, R., Akin, H., Hassel, A. & Jamieson, K. H. (2017). Processing the Papal Encyclical through Perceptual Filters: Pope Francis, Identity-Protective Cognition, and Climate Change Concern. *Cognition*, 166, 1-12. doi: 10.1016/j.cognition.2017.05.015  
**Selected as Editor Choice by Cognition;**  
**Featured as a Research Highlight in Nature Climate Change** (doi: 10.1038/nclimate3341)
13. **Landrum\***, A. R., & Hallman, W. K. (2017) Engaging in Effective Science Communication: a Response to Blancke et al. (2017) on Deproblematizing GMOs. *Trends in Biotechnology*, 35(5), 378-379. doi: 10.1016/j.tibtech.2017.01.006
12. Kahan\*, D. M., **Landrum, A. R.**, Carpenter, K., Helft, L., & Jamieson, K. H. (2017). Science Curiosity and Political Information Processing. *Advances in Political Psychology*, 38(S1), 179-199. doi: 10.1111/pops.12396
11. Kahan\*, D. M., Jamieson, K. H., **Landrum, A. R.**, & Winneg, K. (2017). Culturally antagonistic memes and the Zika virus: An experimental test. *Journal of Risk Research*, 20(1), 1-40. doi: 10.1080/13669877.2016.1260631
10. <sup>P</sup> **Landrum\***, A. R., Hilgard, J., Akin, H., Li, N., & Kahan, D. M. (2016). Measuring Interest in Science: The Science Curiosity Scale. In A. Papagragou, D. Grodner, D. Mirman, & J. C. Trustwell (Eds), *Proceedings of the 38<sup>th</sup> Annual Meeting of the Cognitive Science Society*. (pp. 1619-1624), Austin, TX: Cognitive Science Society. <https://mindmodeling.org/cogsci2016/papers/0285/paper0285.pdf>
9. **Landrum\***, A. R., **Pflaum\***, A. D., & Mills, C. M. (2016). Inducing knowledgeability from niceness: Children use social features for epistemic inferences. *Journal of Cognition and Development*, 17(5), 699-717. doi: 10.1080/15248372.2015.1135799
8. Mills\*, C. M., & **Landrum, A. R.** (2016). Children adjust their inquiry to gather information from others. *Frontiers in Psychology*, 7:951. doi: 10.3389/fpsyg.2016.00951
7. **Landrum\***, A. R., **Eaves, B. S., Jr.**, & Shafto, P. (2015). Learning to trust and trusting to learn: A theoretical framework. *Trends in Cognitive Sciences*, 19(3), 109-111. doi: 10.1006/j.tics.2014.12.007
6. **Landrum\***, A. R., & Mills, C. M. (2015). Developing expectations regarding the boundaries of expertise. *Cognition*, 134(1), 215-231. doi: 10.1016/j.cognition.2014.10.013.
5. **Johnston\***, A. M., Mills, C. M., & **Landrum, A. R.** (2015). How do children weigh competence and benevolence when deciding whom to trust? *Cognition*, 144, 76-90. doi: 10.1/j.cognition.2015.07.015.
4. <sup>P</sup> **Landrum\***, A. R., **Cloudy\***, J., & Shafto, P. (2015). More than true: Developmental changes in the use of inductive strength for selective trust. In D. C., Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D., Jennings, & P. P. Jaglio (Eds) *Proceedings of the 37<sup>th</sup> Annual Meeting of the Cognitive Science Society* (pp. 1249-1254). Austin, TX: Cognitive Science Society.
3. **Landrum\***, A. R., Mills, C. M., & **Johnston\***, A. M. (2013). When do children trust the expert? Benevolence information influences children's trust more than expertise. *Developmental Science*, 16(4), 622-638. doi: 10.1111/desc.12059
2. Mills\*, C. M., & **Landrum, A. R.** (2012). Judging Judges: How do children weigh the importance of competence and benevolence for being a good decision maker? *British Journal of Developmental Psychology*, 30(3), 393-414. doi: 10.1111/j.2044-835X/2011.02047.x.
1. Mills\*, C. M., Legare, C. H., Grant, M. A., & **Landrum, A. R.** (2011). Determining whom to question, what to ask, and how much information to ask for: The development of inquiry in young children. *Journal of Experimental Child Psychology*, 110(1), 539-560. doi: 10.1016/j.jecp.2011.06.003.

## Refereed Book Chapters

5. Johnston\*, B. T., **Landrum, A. R.**, & McCloskey, K. (2018). Attitudes in the 21st Century: Accomplishments, Challenges, and Gaps. In D. Albarracín & B.T. Johnson (Eds) *Handbook of Attitudes and Attitude Change: Volume 1, Basic Principles (2<sup>nd</sup> ed.)*, New York: Taylor & Francis.
4. Kahan\*, D. M. & **Landrum, A. R.**, (2017). A Tale of Two Vaccines—and their Science Communication Environments. In K. H. Jamieson, D. A. Scheufele, and D. M. Kahan (Eds) *Oxford Handbook of the Science of Science Communication* (pp 165-172). New York, NY: Oxford University Press.
3. **Landrum\***, **A. R.** (2017). A Recap: The Role of Intermediaries in Communicating Science. In K. H. Jamieson, D. A. Scheufele, and D. M. Kahan (Eds) *Oxford Handbook of the Science of Science Communication* (pp 253-258). New York, NY: Oxford University Press.
2. Akin\*, H., & **Landrum\***, **A. R.** (2017). A Recap: Heuristics, Biases, Values and Other Challenges to Communicating Science. In K. H. Jamieson, D. A. Scheufele, and D. M. Kahan (Eds) *Oxford Handbook of the Science of Science Communication* (pp 455-460). New York, NY: Oxford University Press.
1. Mills\*, C. M., & **Landrum, A. R.** (2014). Inquiring minds: Using questions to gather information from others. In E. Robinson's and S. Einav's (Eds) *Trust and Skepticism: Children's Selective Learning from Testimony* (pp. 55-68). New York, NY: Psychology Press.

## Other publications (not peer-reviewed)

4. Lemmons, L. & **Landrum, A. R.** (23 February 2018). Mad Cows, Oprah Winfrey and communicating the science in a high-profile court case. *The Conversation*. <https://theconversation.com/mad-cows-oprah-winfrey-and-communicating-the-science-in-a-high-profile-court-case-91814>
3. **Landrum, A. R.**, Lull, R., Akin, H., Jamieson, K. H. (2016). Making it about morals: Pope Francis shifts the climate change debate. *Conference Paper Presented at the American Association for Public Opinion Research*. doi: 10.13140/RG.2.1.3249.0487
2. Kahan, D. M., Carpenter, K., & **Landrum, A. R.** (2016). Evidence-based Science Filmmaking Initiative Study No. 1. *Social Science Research Network*. doi: 10.2139/ssrn.2713563
1. Danovitch, J., Noles, N., & **Landrum, A. R.** (2016). The costs and benefits of natural pedagogy. In *Essentials of Developmental Psychology*. Journal of Visualized Experiments (JoVE) Science Education Database. Cambridge, MA. doi: 10.3791/10128

## Invited Seminars

25. **Landrum, A. R.** (27 Feb 2019). *Views, Values, and the Science of Science Communication*. Invited speaker. Ira W. DeCamp Bioethics Seminar, Princeton University.
24. **Landrum, A. R.** (24 Jan 2019). Invited speaker. Conspiracy Series: Welcome to Science Initiative, Museum of Science and Industry, Chicago, IL.
23. **Landrum, A. R.** (16 January 2019). *Exploring Flat Earth Ideology*. Invited speaker for the Confronting Extremism- Denial of Science Symposium, University of California-Irvine, Stem Cell Research Center, Irvine, CA.
22. **Landrum, A. R.** (19 September 2018). *Communicating your science to diverse audiences*. Invited STEMinar for STEM Center for Outreach, Research, & Education (STEM CORE), Lubbock, TX.
21. **Landrum, A. R.** (18 July 2018). *How the U.S. thinks about controversial science*. Invited talk for the Laboratoire d'Ethologie Expérimentale et Comparée, Université Paris 13, Villetaneuse, France.

20. **Landrum, A. R.** (6 June 2018). *Interpreting Science through the Lens of Religion*. Invited talk for the Department of Biology, St. Joseph's University, Philadelphia, PA.
19. **Landrum, A. R.** (24 February 2018). "Who doesn't believe in science?" 2018 Iowa City Darwin Day, Iowa City, IA.
18. **Landrum, A. R.** (23 February 2018). *Negotiating Public Values when Communicating Controversial Science*. 2018 Iowa City Darwin Day, Iowa City, IA.
17. **Landrum, A. R.** (5 December 2017). *Communicating the Values Associated with Climate Change*. Invited panel for the Climate Science Center speaker series, Texas Tech University, Lubbock, TX.
16. **Landrum, A. R.** (18 October 2017). *Communicating Scientific Consensus*. Brownbag Series Presentation, College of Media & Communication, Texas Tech University, Lubbock, TX.
15. **Landrum, A. R.** (6 October 2017). *Who is Skeptical of Science?* Invited talk for "Skepticism and Openmindedness in Science." Institute for Practical Ethics, University of California, San Diego, CA.
14. **Landrum, A. R.** (3 June 2017). *Engaging in Effective Science Communication*. Keynote Address for "Starting Science Conversations: A Communications Workshop for Scientists". The Franklin Institute, Philadelphia, PA.
13. **Landrum, A. R.** (November 2016). *The Development of Social Learning*. Department of Psychology, West Chester University, West Chester, PA.
12. **Landrum, A. R.** (November 2016). *Communicating Science in Polarized Environments*, Portland State University, Portland OR.
11. **Landrum, A. R.** (November 2016). *Communicating Science in Polarized Environments*, Texas Tech University, Lubbock, TX.
10. **Landrum, A. R.** (October 2016). *Science Literacy, Science Attitudes, and Science Policy*. School of Psychological and Brain Sciences, University of Louisville, Louisville, KY.
9. Suldovsky, B., **Landrum, A. R.**, Stroud, T., & Jamieson, K. H. (October 2016). *Measuring and Communicating Scientific Opinion: Who counts?* Pew Research Center, Washington, D.C.
8. **Landrum, A. R.** (September 2016). *Polarization and the Pope: How the American Public Interpreted the Encyclical*. Invited talk as part of the workshop, "A Letter from Rome: *Laudato Si'* as a Catalyst for Societal Transformation?" Institute for Advanced Sustainability Studies, Potsdam, Germany.
7. **Landrum, A. R.** (March 2016). *Says who? Trust, Belief, and the Development of Social Learning*. The Gordon F. Derner Institute for Advanced Psychological Studies, Adelphi University, New York.
6. **Landrum, A. R.** (February 2016). *Says who? Trust, Belief, and the Development of Social Learning*. Department of Psychology, University of Wisconsin, Oshkosh.
5. Kahan, D. M., & **Landrum, A. R.** (February 2016). *Science literacy, science attitudes, and science controversies: What should we be measuring?* National Academies of Science and Engineering Panel on Science Literacy, Washington D.C.

4. **Landrum, A. R.** (July 2015). *Trusting to Learn and Learning to Trust*. Annenberg Public Policy Center, University of Pennsylvania.
3. **Landrum, A. R.** (June 2013). *Developing expectations regarding the boundaries of expertise*. School of Behavioral and Brain Sciences, University of Texas at Dallas.
2. **Landrum, A. R.** (April 2012). *The boundaries of skepticism: critical versus conspiratorial thinking*. School of Behavioral and Brain Sciences, University of Texas at Dallas.
1. **Landrum, A. R.** (October 2010). *Naughty or nice: Does meanness or niceness distract from expertise in children's trust decisions?* School of Behavioral and Brain Sciences Brown Bag Series, University of Texas at Dallas.

## Conference Presentations

### Talks and Symposia

\*Presenting Author, <sup>o</sup>Organizer, <sup>c</sup>Chair, <sup>p</sup>Panelist

20. <sup>o</sup> **Landrum\***, A. R., Olshansky, A., Richards, O., & Plate, T. (February 2019). *YouTube as a Primary Propagator of Flat Earth Philosophy*. Paper to be presented as part of E. Bucy's & A. R. Landrum's (organizers) *YouTube: Friend or Foe to Communicating about Science and Health*. The 2019 Annual Meeting of the American Association for the Advancement of Science (AAAS), Washington, D.C.
19. <sup>p</sup> **Landrum\***, A. R. (2018). *Discovering Millennials: Findings from a National Science Media Survey*. Breakout session leader at ComNet18: The Communications Network Annual Conference, San Francisco, CA.
18. **Landrum\***, A. R., & Kahan, D. M. (August 2018). *Effective Climate Communication: Is Curiosity Key?* Invited presentation for the Goldschmidt2018 international conference on geochemistry, Boston, MA.
17. <sup>p</sup> **Landrum\***, A. R. (August 2018). *Discussing Politically Contentious Scientific Issues in the Classroom*. Invited teaching session panelist at the Association for Education in Journalism and Mass Communication (AEJMC), Washington, D.C.
16. **Landrum\***, A. R., Hallman, W. K., Jamieson, K. H. (May 2018). *Examining the Impact of Expert Voices: Communicating the Scientific Consensus on Genetically-Modified Organisms*. Paper presented at the 68<sup>th</sup> Annual Conference of the International Communication Association, Prague, Czech Republic.
15. <sup>o</sup> **Landrum\***, A. R. (February 2018). *Believing in a Flat Earth*. Paper presented as part of A. R. Landrum's and J. Reifler's (organizers) *The Proliferation of Conspiracy Theories and Fake News about Science*. The 2018 Annual Meeting of the American Association for the Advancement of Science (AAAS), Austin, TX.
14. **Landrum\***, A. R. (February 2018). *Denying Climate Change and Denigrating the Pope*. Paper to be presented as part of M. Slater's and H. Akin's (organizers) *Understanding and Responding to Climate Change Denial*. The 2018 Annual Meeting of the American Association for the Advancement of Science (AAAS), Austin, TX.
13. **Landrum\***, A. R., Hilgard, J., Lull, R. B., Akin, H., Jamieson, K. H. (March 2017). *Disclosure of Open and Transparent Research Practices and Public Trust*. Paper presented at the SRA Policy Forum: Risk Governance for Key Enabling Technologies, Venice, Italy.

12. **Landrum\***, A. R. (February 2017). The Curiosity Deficit Hypothesis. Presented as part of M. Slater's and D. Weisberg's (organizers) *Public Attitudes about Polarized Science: Evolution, Climate Change, Zika, and GMOs*. The 2017 Annual Meeting of the American Association for the Advancement of Science (AAAS), Boston, MA.
11. Suldovsky, B., **Landrum, A. R.**, & Stroud, T. (November 2016). *Measuring Scientific Consensus: Who counts?* In H. Smith's (chair) *Science, the Environment, and Storytelling: Challenges and Opportunities for Knowledge-Based Journalism in the 21<sup>st</sup> Century*. Paper presented at the 2016 meetings of the National Communication Association, Philadelphia, PA.
10. Shafto, P., Bonawitz, E., **Landrum, A. R.**, & Yu, Y. (August 2016). *Questioning supports effective transmission of knowledge and increased exploratory learning in pre-kindergarten children*. Paper presented at the International Conference on Thinking, Providence, RI.
9. <sup>C</sup> **Landrum\***, A. R., Hilgard, J., Akin, H., Li, N., & Kahan, D. M. (August 2016). *Measuring Interest in Science: The Science Curiosity Scale*. In A. R. Landrum's (chair) *Learning and Exploration 2*. Paper presented presentation at the 38<sup>th</sup> annual conference of the Cognitive Science Society, Philadelphia, PA.
8. **Landrum\***, A. R., Lull, R. B., Akin, H., & Jamieson, K. H. (May 2016). *Making it About Morals: Pope Francis Shifts the Climate Change Debate*. In E. P. Bucy's (moderator) *Hot Button Issues in Public Opinion*. Paper presented at the 71<sup>st</sup> annual conference of the American Association for Public Opinion research, Austin, TX.
7. Lull, R. B., Akin, H. E., Li, N., Hilgard, J., **Landrum, A. R.**, Barnhart, K. R., Winneg, K., Scheufele, D. A., & Jamieson, K. H. (May 2016). *Can a progressive Pope sway skeptics? Tracking public opinion on Pope Francis and climate change*. In M. A. Schulman's (moderator) *Global Warming: The National and Global Public Opinion Challenges*. Paper presented at the 71<sup>st</sup> annual conference of the American Association for Public Opinion research, Austin, TX.
6. Mills, C. M., & **Landrum, A. R.** (May 2016). The scope and specificity of young children's inferences regarding the knowledge of others. In L. Santos's (chair) *Infant's representations of others knowledge states: Insights from developmental, comparative, and experimental philosophy studies*. Paper presented at the 2016 International Conference on Infant Studies, New Orleans, LA.
5. **Landrum\***, A. R. (January 2016) *The interrelated process of trust and belief revision*. Presented at The Center for Nanotechnology in Society at Arizona State University's 2016 Winter School on the Anticipatory Governance and Responsible Innovation of Emerging Technologies, Mesa, AZ.
4. **Landrum\***, A. R., Beaton, D., Mills, C. M., & Abdi, H. (April 2015). *Examining conspiracy theories, cognition, and paranoia: An application of multiple correspondence analysis*. Presented at the 2015 Southwestern Psychological Association convention.
3. **Landrum\***, A. R., Bonawitz, E., **Omar\***, F., **Bamforth\***, A., & Shafto, P. (March 2015). *Teaching through questioning: Examining how pedagogical questions elicit learning*. In S. Ronfard & K. Corriveau (chairs), *Children's sensitivity to, and evaluation of, taught information*. Symposium presented at the 2015 meeting of the Society for Research in Child Development, Philadelphia, PA.
2. **Landrum\***, A. R., **Johnston\***, A., **Pflaum\***, A. D., & Mills, C. M. (March 2015). *Naïve epistemology: Children use social cues when determining what others know*. In R. Severson & S. Birch (chairs), *Selective social learning: Children's epistemic understanding of credibility cues*. Symposium presented at the 2015 meeting of the Society for Research in Child Development, Philadelphia, PA.
1. **Landrum\***, A. R., Mills, C. M., & **Klein\***, K. (April 2013). *Evaluating Experts: Weighing Niceness, Meanness, and Neutrality*. In B. R. Jaquez and C. Echols (Chairs), *Children's relative weighing of*

*competing attributes influences their social and epistemic decisions.* Symposium presented at the 2013 meeting of the Society for Research in Child Development, Seattle, WA.

## Posters

18. Mead\*, C., **Landrum, A. R.**, Kahan, D., & Anbar, A. (December 2018). *Science Curiosity Can Help to Predict Success in Science Courses.* Poster presented at the American Geophysical Union Fall Meeting, Washington, D. C.
17. Yu, Y., **Landrum, A. R.**, Bonawitz, E., Shafto, P. (October 2017). *Pedagogical Questions: How parents ask and how children learn from them.* Poster presented at the 2017 meeting of the Cognitive Development Society, Portland, OR.
16. **Landrum\***, **A. R.**, Olshansky\*, A., & Helft, L. (October 2017). *Curiosity, Knowledge, and Acceptance: Early Evidence of a Developmental Shift in Motivated Reasoning about Science.* Poster to be presented at the 2017 meeting of the Cognitive Development Society, Portland, OR.
15. Shtulman, A., Share, I., Silber-Marker, R., & **Landrum, A. R.** (April 2017). *OMG GMO! Parent-Child Conversations about Genetically-Modified Foods.* Poster presented at the Society for Research in Child Development, Austin, TX.
14. **Landrum\***, **A. R.**, Carpenter, K., Helft, L., Rubin, J., & Kahan, D. M. (February 2016). *Curiosity, Culture, and Engagement with Science Documentaries.* Poster presented at the 2016 meeting of the American Association for the Advancement of Science, Washington D.C.
13. **Landrum\***, **A. R.**, Bamforth\*, A., & Shafto, P. (October 2015). *Ways of knowing: Investigating the epistemic aspect of selective trust.* Poster presented at the 2015 meeting of the Cognitive Development Society, Columbus, OH.
12. Mills, C. M., **Landrum, A. R.**, Campbell\*, I. L., & Rowles, S. P. (October 2015). *Learning who knows what: Children adjust their inquiry to gather information from others.* Poster presented at the 2015 meeting of the Cognitive Development Society, Columbus, OH.
11. **Landrum\***, **A. R.**, Cloudy\*, J., & Shafto, P. (July 2015). *More than true: Developmental changes in the use of inductive strength for selective trust.* Poster presented at the 2015 Conference of the Cognitive Science Society, Pasadena, CA.
10. Durkin, K., **Landrum\***, **A. R.**, Savage\*, P., Eglian\*, M., & Shafto, P. (March 2015). *Avoiding hasty conclusions: Manipulating informant expertise to avoid conceptual change.* Poster presented at the 2015 meeting of the Society for Research in Child Development, Philadelphia, PA.
9. **Landrum\***, **A. R.**, Mills, C. M., & Williams\*, R. A. (October 2013). *Developing Expectations Regarding the Boundaries of Expertise.* Poster presented at the 2013 meeting of the Cognitive Development Society, Memphis, TN.
8. Mills, C. M., **Landrum, A. R.**, Williams\*, R. A., Pflaum\*, A. D. (October 2013). *Individual differences in children's ability to successfully gather information from others to solve problems.* Poster presented at the 2013 meeting of the Cognitive Development Society, Memphis, TN.
7. **Landrum\***, **A. R.**, Pflaum\*, A. D., Williams\*, R. A., Jonason\*, L. R., & Mills, C. M. (April 2013). *Evaluating informants: Does the positivity bias extend to neutral informants?* Poster presented at the 2013 meeting of the Society for Research in Child Development, Seattle, WA.
6. Mills, C. M., Elashi, F. B., Carson\*, K., & **Landrum\***, **A. R.** (April 2013). *Smart or Savvy? The role of intelligence and social cognition in how children evaluate sources of information.* Poster presented at the 2013 meeting of the Society for Research in Child Development, Seattle, WA.
5. Williams\*, R. A., **Landrum, A. R.**, Pflaum\*, A. D., & Mills, C. M. (April 2013). *Who to Ask? The Relationship between Social Cognition and Recognizing Accurate Sources of Information in Preschool-Aged Children.*

Poster presented at the 2013 Meeting of the Society for Research in Child Development, Seattle, WA.

4. **Landrum\***, A. R., Mills, C. M., **Pflaum\***, A. D., (October 2011). *Does bad singer mean bad judge? Children's understanding of relevant and irrelevant characteristics for decision making.* Poster presented at the 2011 meeting of the Cognitive Development Society, Philadelphia, PA.
3. **Johnston\***, A. M., Mills, C. M., & **Landrum, A.R.** (October 2011). *What if the nice guy is clueless? Children adjust their trust based on reliability evidence.* Poster presented at the 2011 meeting of the Cognitive Development Society, Philadelphia, PA.
2. **Landrum\***, A. R., Mills, C. M., & **Johnston\***, A. M. (April 2011). *Naughty or nice: Does meanness or niceness distract from expertise in children's trust decisions?* Poster presented at the 2011 meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.
1. Mills, C. M., & **Landrum\***, A. R. (April 2011). *Judging judges: How do children weigh the importance of competence and benevolence for being a good decision maker?* Poster presented at the 2011 meeting of the Society for Research in Child Development, Montreal, Quebec, Canada.

## TEACHING & MENTORING

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### Courses

#### Undergraduate

ADV 3310	<b>Principles of Advertising</b> Fall 2018 (140 students), Spring 2018 (145 students), Fall 2017 (144 students), Summer 2017 (online, 76 students)	<b>Texas Tech University</b>
HDEV 0092	<b>Student Success (Study Skills)</b> Spring 2017 (4 sections), Fall 2016 (4 sections), Spring 2016 (4 sections), Fall 2015 (4 sections), Spring 2015 (4 sections)	<b>Brookhaven College</b>
PSYC 2301	<b>Introduction to Psychology</b> Summer 2013, Spring 2013 (2 sections), Fall 2012, Spring 2012	<b>Brookhaven College</b>
PSYC 2316	<b>Psychology of Personality</b> Spring 2017 (2 sections), Fall 2016, Fall 2015, Fall 2014 (3 sections), Spring 2014 (2 sections), Fall 2013	<b>Brookhaven College</b>
PSY 2317	<b>Introduction to Statistics for Psychology</b> Summer 2013, Summer 2012	<b>University of Texas at Dallas</b>

#### Graduate

JOUR 6315	<b>Science of Science Communication (special topics)</b> Fall 2017 (10 students)	<b>Texas Tech University</b>
MCOM 5324	<b>Audience/Data Analysis and Reporting (online)</b> Summer 2017 (28 students)	<b>Texas Tech University</b>
MCOM 5332	<b>Data Analysis in R (online)</b> Summer 2018 (11 students)	<b>Texas Tech University</b>
MCOM 5364	<b>Research Methods</b> Fall 2018 (14 students), Spring 2018 (online, 20 students)	<b>Texas Tech University</b>

## Mentorship

### *PhD Students*

2017 – present	Othello Richards	Science Curiosity; Science Journalism
2017 – present	Rosalynn Vasquez	Climate Change Communication
2018 – present	Alex Olshansky	Misinformation; Public Understanding of Science
2018 – present	Robert Gauthreaux	Weather & Climate Communication; Public Engagement

### *Masters Students*

2017 – 2018	Alex Olshansky
2018 – present	Brady Davis

### *Undergraduate Students*

2017 – 2018	Brady Davis
Fall 2018	Taylor Plate

## Thesis/Dissertation Committees

*\*Chair or co-Chair*

2019	Casey Williams	Dissertation	<i>Psychometric Analysis of Views, Efficacy, Concern and Action to Solve Climate Change: Implications for Educators</i>
2018	Alex Olshansky	*MA Thesis	<i>Conspiracy Theorizing and Motivated Reasoning: Why the Earth 'Must' be Flat.</i>

## Undergraduate Thesis (Co-)Advisement

2014	Danielle McCarty	University of Louisville
2013	Kayla Klein	University of Texas at Dallas
2013	Rachel Williams	University of Texas at Dallas
2012	Angie Johnston	University of Texas at Dallas

## SERVICE

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### A. College/Department Service

2018 – Present	Graduate Council
2018 – Present	Doctoral Student Annual Evaluation Subcommittee
2017 – Present	Advertising Department Visibility Committee
2017 – Present	Center for Communication Research Faculty Advisory Committee

### B. University Service

2018	Texas Tech Undergraduate Research Conference, Reviewer & Mentor
2017 – Present	University Women's Club
2017 – Present	STEM Core member, STEM Center for Outreach, Research, & Education

### C. Professional Service

#### Reviewing

##### Journals:

**Communication:** *Environmental Communication; Human Communication Research; Mass Communication & Society*

**Interdisciplinary:** *Climatic Change; Journal of Trust Research; Nature Climate Change; Trends in Biotechnology*

**Psychology:** *British Journal of Developmental Psychology; Child Development; Cognition; Cognitive Science; Developmental Psychology; Developmental Science; Infancy; Journal of Experimental Child Psychology; Journal of Experimental Psychology: General; Infant and Child Development; Quarterly Journal of Experimental Psychology; Social Development; Psychological Reports*

##### Grants:

##### *Adhoc Reviewing:*

FY18 Advancing Informal STEM learning (AISL) program, “*Literature Reviews, Syntheses, or Meta-Analyses*”

##### Conferences:

*Society for Personality and Social Psychology, Graduate Student Travel Awards (2016); Cognitive Science Society, Annual Conference (2014, 2015, 2016, 2017); International Communication Association (2018); Society for Research in Child Development Biennial Meeting (2013)*

#### **Professional Memberships**

American Association for the Advancement of Science (AAAS); Association for Education in Journalism and Mass Communication (AEJMC); Center for Advancement of Informal Science Education (CAISE); Cognitive Development Society (CDS); Heterodox Academy; International Communication Association (ICA); National Alliance for Broader Impacts (NABI); Society for Personality and Social Psychology (SPSP); Society for Research in Child Development (SRCD); Society for Risk Analysis (SRA)

### D. Public and Community Service

2018 – Present	Science: It's a Girl Thing, Division of Diversity, Equity, & Inclusion/The Office of K-12 IDEAL, Texas Tech University, Lubbock, TX.
2017 – Present	Science Booster Club, Lubbock, TX
2013 – 2015	Kentucky Humane Society, volunteer, Louisville, KY
2014 and 2015	Society for Science Annual Science Fair, research mentor, Louisville, KY
2009 and 2012	Design Industries Foundation Fighting Aids (DIFFA), volunteer, annual event, Dallas, TX
2010	Kidney Foundation, volunteer, annual event, Dallas, TX
2005 – 2009	DeafACT, inc., a non-profit deaf children's theater company, Founder and CEO, Austin, TX