

ASHELEY R. LANDRUM

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EMPLOYMENT

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

RESEARCH AFFILIATIONS

- 2015 - **Penn Laboratory for Understanding Science**
University of Pennsylvania Philadelphia, PA
- 2015 - **Evidence-Based Science Filmmaking Initiative**
Yale University New Haven, CT

EDUCATION

- 2013 **Ph.D., *Psychological Sciences***, The University of Texas at Dallas
Advisor: Candice M. Mills, PhD
- 2011 **M.S., *Applied Cognition and Neuroscience***, The University of Texas at Dallas
- 2007 **Graduate Certificate, *Volunteer & Community Resource Management***, The University of North Texas
- 2005 **B.A., *Philosophy & English (Majors); Biology (Minor)***, The University of Texas at Austin

PUBLICATIONS

*Undergraduate and Graduate Students I supervised or co-supervised

Peer-reviewed Journal Articles

- (13) **Landrum, A. R., & Lull, R. B.** (in press). Stop preaching to the converted. *Nature Climate Change*.
Commentary Accepted for Publication June 21, 2017.
- (12) **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;**
****Selected as Research Highlight to appear in Nature Climate Change**

- (11) **Landrum, A. R.**, & Hallman, W. K. (2017) Engaging in Effective Science Communication: a Response to Blancke et al. (2017) on Deprobamatizing GMOs. *Trends in Biotechnology*, 35(5), 378-379. doi: 10.1016/j.tibtech.2017.01.006
- (10) 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
- (9) Kahan, D. M., Jamieson, K. H., **Landrum, A. R.**, & Winneg, K. (2017). [Culturally toxic memes and the Zika virus: An experimental test](#). *Journal of Risk Research*, 20(1), 1-40. doi: 10.1080/13669877.2016.1260631
- (8) **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* doi: 10.1080/15248372.2015.1135799
- (7) 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
- (6) **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
- (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) **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.
- (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.

Published Book Chapters, Conference Proceedings, Reports, and other Publications

- (9) Kahan, D. M. & Landrum, A. R., (in press). 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*
- (8) **Landrum, A. R.** (in press). The Role of Intermediaries in Communicating Science: A synthesis. In K. H. Jamieson, D. A. Scheufele, and D. M. Kahan (eds) *Oxford Handbook of the Science of Science Communication*
- (7) Akin, H., & **Landrum, A. R.** (in press). Heuristics, Biases, Values and Other Challenges to Communicating Science: A synthesis. In K. H. Jamieson, D. A. Scheufele, and D. M. Kahan (eds) *Oxford Handbook of the Science of Science Communication*.
- (6) **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 38th Annual Meeting of the Cognitive Science Society. (pp. 1619-1624), Austin, TX: Cognitive Science Society. URL:
<https://mindmodeling.org/cogsci2016/papers/0285/paper0285.pdf>

- (5) **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
- (4) 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
- (3) 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
- (2) **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 37th Annual Meeting of the Cognitive Science Society* (pp. 1249-1254). Austin, TX: Cognitive Science Society.
- (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.

CONFERENCE PRESENTATIONS

*Undergraduate and Graduate Students I supervised or co-supervised

- (28) Shtulman, A., Share, I., Silber-Marker, R., & **Landrum, A. R.** (April 2017). *OMG GMO! Parent-Child Conversations about Genetically-Modified Foods.* Poster to be presented at the Society for Research in Child Development, Austin, TX.
- (27) **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.
- (26) **Landrum, A. R.** (February 2017). The Curiosity Deficit Hypothesis. Paper 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.
- (25) Suldoovsky, 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 21st Century.* Paper presented at the 2016 meetings of the National Communication Association, Philadelphia, PA.
- (24) 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.
- (23) **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 38th annual conference of the Cognitive Science Society, Philadelphia, PA.

- (22) **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 71st annual conference of the American Association for Public Opinion research, Austin, TX.
- (21) 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 71st annual conference of the American Association for Public Opinion research, Austin, TX.
- (20) 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.
- (19) **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.
- (18) **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.
- (17) **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.
- (16) 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.
- (15) **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.
- (14) **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.
- (13) **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.
- (12) **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.
- (11) Durkin, K., **Landrum, A. R.**, Savage, P.*, Eglan, 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.

- (10) **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.
- (9) 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.
- (8) **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.
- (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.

INVITED PRESENTATIONS

- (9) **Landrum, A. R.** (June 2017). Engaging in Effective Science Communication. Keynote Address for *Starting Science Conversations: A communications workshop for Scientists*. The Franklin Institute, Philadelphia, PA.
- (8) **Landrum, A. R.** (October 2016). *Science Literacy, Science Attitudes, and Science Policy*. Invited Talk presented at the University of Louisville, Louisville, KY.

- (7) Suldovsky, B., **Landrum, A. R.**, Stroud, T., & Jamieson, K. H. (October 2016). *Measuring and Communicating Scientific Opinion: Who counts?* Invited talk presented to Pew Research Center, Washington, D.C.
- (6) **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.
- (5) Kahan, D. M., & **Landrum, A. R.** (February 2016). *Science literacy, science attitudes, and science controversies: What should we be measuring?* Invited Presentation for the National Academies of Science and Engineering Science Literacy Panel, Washington D.C.
- (4) **Landrum, A. R.** (July 2015). *Trusting to Learn and Learning to Trust.* Invited Presentation for the Annenberg Public Policy Center at the University of Pennsylvania, Philadelphia, PA.
- (3) **Landrum, A. R.** (June 2013). *Developing expectations regarding the boundaries of expertise.* Presentation at the University of Texas at Dallas, Richardson, TX.
- (2) **Landrum, A. R.** (April 2012). The boundaries of skepticism: critical versus conspiratorial thinking. Invited presentation for undergraduate experimental projects course at the 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.

TEACHING

Courses Taught

ADV 3310	Principles of Advertising Summer 2017, Texas Tech University (online) Fall 2017, Texas Tech University (in situ)
JOUR 6315	Science of Science Communication (special topics) Fall 2017, Texas Tech University
MCOM	Audience/Data Analysis and Reporting (online) Summer 2017, Texas Tech University
PSYC 2301	Introduction to Psychology Summer 2013, Brookhaven College Spring 2013, Brookhaven College (2 sections) Fall 2012, Brookhaven College Spring 2012, Brookhaven College
PSYC 2316	Psychology of Personality Fall 2014, Brookhaven College Online Course (3 sections) Spring 2014, Brookhaven College Online Course (2 sections) Fall 2013, Brookhaven College Online Course Fall 2015, Brookhaven College Online Course

Fall 2016, Brookhaven College Online Course
 Spring 2017, Brookhaven College Online Course (2 sections)

PSY 2317 **Introduction to Statistics for Psychology**
 Summer 2013, University of Texas at Dallas
 Summer 2012, University of Texas at Dallas

HDEV 0092 **Student Success (Study Skills)**
 Spring 2015, Brookhaven College Online Course (4 sections)
 Fall 2015, Brookhaven College Online Course (4 sections)
 Spring 2016, Brookhaven College Online Course (4 sections)
 Fall 2016, Brookhaven College Online Course (4 sections)
 Spring 2017, Brookhaven College Online Course (4 sections)

SERVICE

Ad-hoc Reviewing: Conferences

Society for Personality and Social Psychology, Graduate Student Travel Awards (2016)
 Cognitive Science Society, 37th Annual Conference (2015)
 Cognitive Science Society, 36th Annual Conference (2014)
 Society for Research in Child Development Biennial Meeting (2013)

Ad-hoc Reviewing: Journals

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; Trends in Biotechnology

University Service Activities

Undergraduate Honors Thesis mentor for Danielle McCarty (2014), University of Louisville
 Mentor for North Texas Undergraduate Psychology Conference (2013, 2012)
 Graduate Student mentor for UT Dallas Undergraduate thesis for Kayla Klein (2012 - 2013)
 Graduate Student mentor for UT Dallas Undergraduate thesis for Rachel Williams (2012 - 2013)
 Graduate Student mentor for UT Dallas Undergraduate thesis for Angie Johnston (2011-2012)
 UT Dallas Behavioral and Brain Sciences Student Brown Bag Committee
 Volunteer for the UT Dallas Center for Children and Families – Speaker series, annual conference

Community Service Activities

Volunteer for the Kentucky Humane Society, Louisville, KY (2013 – 2015)
 Research Mentor for the annual science fair organized by the Society for Science; Louisville, KY (2014, 2015)
 Volunteer for Design Industries Foundation Fighting Aids annual event, Dallas, TX (2009 to 2012)
 Volunteer for the Kidney Foundation annual event, Dallas, TX (2010)
 Volunteer for the American Foundation for the Blind event, Dallas, TX (2010)
 Founder and CEO of DeafACT, inc., a non-profit deaf children's theatre company (2005 to 2009)

HONORS & AWARDS

2017	Annenberg Sackler Travel Award
2015-2017	Howard Deshong Distinguished Fellowship
2013	SRCD Travel Award
2013	UTD Psychology Department Travel Award
2012	Dissertation Award
2012	Department Nomination for APA Dissertation Award
2012	UTD Psychology Department Travel Award

2010 UTD Psychology Department Travel Award
2009 UTD Psychology Department Travel Award

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science (AAAS); American Association for Public Opinion Research (AAPOR); Cognitive Development Society (CDS); Society for Personality and Social Psychology (SPSP); Society for Research in Child Development (SRCD); Society for Risk Analysis (SRA)