

Lisa M. PytlikZillig

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Lincoln, NE 68583-0866

EDUCATION

2001	Ph.D.	Personality & Social Psychology Minors: Statistics, Developmental Psychology	University of Nebraska-Lincoln (UNL)
1997	M.A.	Personality & Social Psychology	University of Nebraska-Lincoln (UNL)
1992	B.A.	with <i>High Distinction</i> , Majors: Psychology & Art Minors: Math, English	University of Nebraska-Lincoln (UNL)

WORK EXPERIENCE

Overview

2015-Present	Research Associate Professor Assistant Director (effective 2017)	UNL, Social and Behavioral Sciences Research Consortium
2015-Present	Research Associate Professor, Courtesy Appointment	UNL, Department of Psychology
2008-Present	Research Specialist/Coordinator Research Assistant Professor (effective 2012) Research Associate Professor (effective 2014)	University of Nebraska Public Policy Center
2002-2012	Research Assistant Professor	UNL, Center for Instructional Innovation
2002-2008	Research Consultant: Projects concerning farmer motivation to use weather products	UNL, School of Natural Resources, Department of Agricultural Economics
2001-2002	Research Post-Doctoral Fellow	UNL, Center for Instructional Innovation Department of Educational Psychology
1999-2000	Evaluation and Design Consultant Design of department-wide course evaluations	UNL, College of Engineering & Technology
1997-2000	Evaluation/Research Graduate Assistant	UNL, Center for Instructional Innovation Math across the Curriculum Project
Spring, 1998	Research Graduate Assistant	UNL, NE Math and Science Initiative Math and Science Education in NE Report
Summer, 1996	Evaluation/Research Assistant	UNL, NE Math and Science Initiative Wonderwise Project
1992-1996	Graduate Teaching Assistant/Instructor	UNL, Department of Psychology

TEACHING EXPERIENCE

Fall 2010-2013	Introductory Biology, New Biology ELSI Curricular Module Research & Design (~200-350 students per semester)	UN Public Policy Center partnering with UNL Department of Biological Sciences
Spring, 2007	Social Psychology, Instructor/Lecturer (~350 students)	UNL, Department of Psychology
Spring, 2002	Graduate Seminar -Motivation, Instructor/Lecturer (~10 students)	UNL, Department of Educational Psychology
Summer, 1998 2001-2002	Motivation and Emotion, Instructor/Lecturer (~50-100 students per semester)	UNL, Department of Psychology and UNL, Division of Continuing Studies
1995-1996 Summer, 1996	Social Psychology, Instructor/Lecturer (~50-100 students per semester)	UNL, Department of Psychology UNL, Division of Continuing Studies
Summer, 1993	Introduction to Psychology, Instructor/Lecturer (~80 students)	UNL, Department of Psychology
1992-1993	Social Psychology, Teaching Assistant Personality Psychology, Teaching Assistant (~100-200 students per class)	UNL, Department of Psychology

FUNDING, GRANTS, AND AWARDS

2018

- **Common Ground Program.** (UNL PI: Janell Walther; Lisa PytlikZillig, UNL co-PI: Nebraska Conservation Education Fund). Nebraska Environmental Trust. Amount: \$74,778. Submitted September 2018

2017

- **Developing a MOOCocracy Prototype to Increase Public Understanding of Food Insecurity.** (PI: Jamie Lozzio; Lisa PytlikZillig co-I with others). Internal UNL Food for Health Team Strengthening Grant. Funding for 7/1/2017-6/30/2019. Amount: \$149,693
- **Trust Publication Supplement to “Trust and Confidence Interdisciplinary Postdoctoral Fellow”** (SES-LSS-1228559). (PI Brian Bornstein; Lisa PytlikZillig co-PI with others). Funding to be used by end of grant (11/30/2017 with extensions). Amount: \$1,438

2016

- **NRI: Enabling UAS Fire Ignitions in Complex Firefighting Contexts.** (PI: Sebastian Elbaum, co-PIs: Justin Bradley, Carrick Detweiler, Brittany Duncan, Dirac Twidwell; Senior personnel: Lisa PytlikZillig), National Science Foundation (IIS-1638099) funded for 08/01/2016 - 07/31/2019. Amount: \$995,470
- **Drought Planning Using Community Threat and Hazard Identification and Risk Assessment.** (PI: Denise Bulling, co-PIs: Crystal Stiles, Deb Bathke, Lisa PytlikZillig), Dept of Commerce-NOAA (NA16OAR4310129) funded for 07/01/2016 - 06/30/2018. Amount: \$284,588
- **Enhancing the Broader Impacts of Developing a Social-Cognitive, Multilevel, Empirically-Based Model of Public Engagement for the Shaping of Science and Innovation Policy.** (PI: Lisa PytlikZillig, co-PI: Myiah Hutchens). National Science Foundation (SMA-1623805) funded for 07/01/2016 - 06/30/2018 (with 1-yr no-cost extension). Amount: \$42,188
- **Using and Enhancing MOOCs to Facilitate Effective Democratic Discussions and Public Consensus around Food for Health Issues and Policies.** PI: Lisa PytlikZillig; co-Is: Jamie Loizzo, Simanti Banerjee, Mitchel Herian, Kirk Dombrowski, Leen-Kiat Soh, Bryce Hoflund, Mohammad Siapush, Denise Britigan). Internal NU grant (Food for Health Planning Grant) funded for 2/1/2016 to 6/30/2017. Amount: \$19,967

- ***Using Motivational Interviewing to Enhance Autonomy, Trust, and Parenting Plan Effectiveness.*** (PI: Kristen Blankely; co-PIs: Lisa PytlikZillig and Kate Speck). Internal voucher funding from UNL's SBSRC, funded for 1/1/2016-12/31/2016. Amount: \$5,000.

2015

- ***RII Track-2 FEC: Unmanned Aircraft System for Atmospheric Physics.*** (PI-Oklahoma State University; UNL PI-Adam Houston; Personnel, Lisa PytlikZillig). Funded by the National Science Foundation (#1527919) for 08/01/2015 - 07/31/2019. Amount: \$1,454,757

2013

- ****Institutional Trust and Confidence: An Interdisciplinary Workshop.*** (PI—Brian Bornstein; Tess Neal, Lisa PytlikZillig, Elizabeth Shockley, Alan Tomkins, co-PIs). Project funds an interdisciplinary workshop of leading trust researchers and early career scholars designed to advance theory and research pertaining to trust in institutions. Submitted to the National Science Foundation (Law and Social Sciences program, NSF-LSS-1353980) 08/01/2013 for 02/01/2014 - 01/31/2015. Amount: \$48,766. Commitment: 0 months/year.
- ***Development of a Suite of Demonstration Videos for Introductory Astronomy.*** (PI—Kevin Lee; Cliff Bettis, co-PI; Lisa PytlikZillig, Senior personnel). Project creates and tests the value of the demonstration videos for effective science education. Submitted to the National Science Foundation (NSF-DUE-TUES-1245679) on 5/29/2012 for 01/01/2013 - 12/31/2014 (revised upon award for approximately 10/01/2013-9/31/2015). Amount: \$167,793. Commitment: .5 months/year.

2012

- *****SBES: Medium: Investigating the Role of Distrust in Unauthorized Online Activities Using an Integrated Sociotechnical Approach*** (PI-PytlikZillig; Soh, Samal, Hayes, Tomkins, co-PIs). Project examines the role of trust and distrust toward different targets in situations involving hacktivism activities. Funded by the National Science Foundation (SBES-SATC-1228937) for 9/1/2012-8/31/2014 (2015 with one year extension). Amount: \$490,758. Commitment 3.0 months per year.
- ****Trust and Confidence Interdisciplinary Postdoctoral Fellow,*** (PI-Alan Tomkins; Brian Bornstein, Sarah Michaels, Lisa PytlikZillig, & David Rottman, co-PIs). Project funds a full-time post doc to work on research and other activities (e.g., the NE Symposium on Motivation, a workshop, and tasks at the National Center for State Courts) related to trust. Submitted to NSF 1/24/2012 and funded (SES-LSS-1228559) for 9/1/2012 to 8/31/2014 (extension to 11/30/2017). Amount: \$195,457. Commitment: 0 months per year. Note: I serve as the primary supervisor for 2 post docs who split this position.

2011

- ****Testing a Three-Stage Model of Institutional Confidence across Branches of Government*** (PI – Alan Tomkins; Bornstein, Herian, PytlikZillig, co-PIs). Project investigates development of trust in water regulatory institutions and changing sources of that trust over its development. Submitted to NSF (NSF-SES-LSS-1061635) for 6/1/2011 – 5/31/2014 (extended to 2015). Amount: \$271,280. Commitment: 2 months per year.
 - ****Trust Research Experience for Undergraduates.*** (Alan Tomkins, PI; Bornstein, Herian, PytlikZillig, co-PIs). Funds pay undergraduates as they work on the project and gain research experience. Funded by the National Science Foundation (SES-LSS-1061635) for 3/28/2012 to 5/31/2014. Amount: \$12,000. Commitment: 0 months per year.
- *****Developing a Social-Cognitive, Multilevel, Empirically-Based Model of Public Engagement for the Shaping of Science and Innovation Policy*** (Lisa PytlikZillig, PI; Peter Muhlberger, Alan Tomkins, co-PIs). Project uses experimental methods to conduct controlled experiments aimed at the development of a theoretical model of public engagement. Funded by the National Science Foundation (NSF-SBE-SciSIP-0965465) for 7/1/2010 – 6/30/2013, extended with supplemental funding to 6/30/2015). Amount: \$471,180. Commitment: 3 months per year.
 - *****SciSIP Research Experience for Undergraduates.*** (Lisa PytlikZillig, PI; co-PIs: Tomkins). Funds pay undergraduates as they work on the project and gain research experience. Funded by the National Science Foundation (SciSIP Division; SBE-0965465) for 4/03/2012 to 6/30/2015. Amount: \$27,954. Commitment: 0 months/year.

2010

- ***Central Great Plains Climate Change Education Partnership*** (Ben Champion, Kansas State University, PI; Roger Bruning, Daniel Devlin, Charles Rice, co-PIs). Assisted in writing the original grant, submitted to the National Science Foundation Climate

Change Education program (original project NSF-DUE-CCEP-1043393 covers 9/15/2010-9/14/2012 (no cost extension to 8/31/2013), \$979,136).

- ****Supplemental funding** (NSF-DBI-CCEP-1135395; Institutional PI at UNL: Lisa **PytlikZillig**) will extend strategic plan efforts to include additional partners from Nebraska in the CCEP partnership and replicate and extend strategic planning efforts taking place in Kansas to Nebraska. Funding period is from 6/01/2011 to 5/31/2012 (no cost extension to 8/31/2013), \$211,985. Commitment: 1.2 months per year.

2005

- ***Transition of Weather and Climate Forecasts into Effective Decision-making Tools**, (Qi (Steve) Hu, PI; Roger Bruning, Lisa PytlikZillig, co-PIs), funded by NOAA. 2005-2008. Amount: \$293,731.

PUBLICATIONS AND PRESENTATIONS

Submitted for Publication or Presentation(°)

Houston, A., Walther, J., PytlikZillig, L.M., Kawato, J. (submitted). National Weather Service data needs for short-term forecasts and the role of unmanned aircraft in filling the gap: A case study." Submitted to Weather and Forecasting.

*Loizzo, J., Beattie, P., Soh, L., PytlikZillig, L., Morrissey, J., Colgrove, N., & Svoboda, T. (submitted). Dialogue in a MOOCocracy: Examining participants' posts in a social democratic online collaborative about food insecurity. Online Learning Consortium (OLC) Accelerate. Orlando, FL.

Peer-Reviewed Journal Publications

**Student-led paper under my supervision/guidance.

*Includes student co-author(s)

Walther, J., PytlikZillig, L. M., Detweiler, C., and Houston, A. (2019). How people make sense of drones used for atmospheric science (and other purposes): Hopes, concerns, and recommendations. *Journal of Unmanned Vehicle Systems*, 7(3), 219-234, <https://doi.org/10.1139/juvs-2019-0003>.

Wickham, E. D., Bathke, D., Abdel-Monem, T., Bernadt, T., Bulling, D., PytlikZillig, L. M., Stiles, C., Wall, N. (2019). Conducting a drought-specific THIRA (Threat and Hazard Identification and Risk Assessment): A powerful tool for integrating all-hazard mitigation and drought planning efforts to increase drought mitigation quality. *International Journal of Disaster Risk Reduction*, 39, 101227. <https://doi.org/10.1016/j.ijdr.2019.101227>.

PytlikZillig, L. M., Duncan, B., Elbaum, S., & Detweiler, C. (2018). A Drone by Any Other Name: Purposes, End-User Trustworthiness, and Framing, but not Terminology, Affect Public Support for Drones. *IEEE Technology & Society Magazine*, March, 80-91. Doi: 10.1109/MTS.2018.2795121

PytlikZillig, L. M., Hutchens, M. J., Muhlberger, P., & Tomkins, A. J. (2017). Prompting deliberation about nanotechnology: Information, instruction, and discussion effects on individual engagement and knowledge. *Journal of Public Deliberation*, 13(2), Article 2. Retrieved from <https://www.publicdeliberation.net/jpd/vol13/iss2/art2/>

PytlikZillig, L. M., Kimbrough, C. D., Herian, M. N., Bornstein, B. H., Tomkins, A. J., Hamm, J. A., Shockely, E., Neal, T. M. (2017). A longitudinal and experimental study of the impact of knowledge on the bases of institutional trust. *PLOS One*, 12(4): e0175387. <https://doi.org/10.1371/journal.pone.0175387>

Blankley, K., PytlikZillig, L. M., Speck, K. (2017). Applying motivational interviewing to parenting act mediation: The promise of the process. *The Nebraska Lawyer*, January/February, 31-36. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2898972

PytlikZillig, L. M., Hamm, J. A., Shockley, E., Herian, M. N., Neal, T. M., Kimbrough, C. D., Tomkins, A. J., Bornstein, B. H. (2016). The dimensionality of trust-relevant constructs in four institutional domains: Results from confirmatory factor analyses. *Journal of Trust Research*. doi: <http://dx.doi.org/10.1080/21515581.2016.1151359>.

- Abdel-Monem, T., Herian, M. N., Hoppe, R., PytlikZillig, L. M., & Tomkins, A. J. (2016). Policymaker's perceptions of the benefits of citizen-budgeting activities. *Public Performance & Management Review*, (online ahead of print). doi: 10.1080/15309576.2015.1137774.
- PytlikZillig, L. M., Wang, S., Soh, L.-K., Tomkins, A. J., Samal, A., Bernadt, T., & Hayes, M. J. (2015). Exploring reactions to hacktivism among STEM college students: A preliminary model of hacktivism support and resistance. *Social Science Computer Review*, 33(4) 479-497. doi: 10.1177/0894439314546815
- Abdel-Monem, T., PytlikZillig, L. M., Bernadt, Tonya K., Wall, Nicole A. (2014). Climate change survey measures: Exploring perceived bias and question interpretation. *Great Plains Research*, 24(Fall 2014), 153-168.
- Cambell Hibbs, A., Champion, B., PytlikZillig, L. M., Kahl, D. W., Abdel-Monem, T., Steffensmeier, T., Rice, C. W., & Hubbard, K. (2014). Farmer perceptions of climate change and climate education needs for the Central Great Plains. *Journal of Extension*, 52(3), Article#3FEA2. Retrieved from <http://www.joe.org/joe/2014june/a2.php>.
- **Hamm, J. A., PytlikZillig, L. M., Herian, M. N., Tomkins, A. J., & Dietrich, H. (2013). Trust and intention to comply with a water allocation decision: The moderating roles of knowledge and consistency. *Ecology and Society*, 18(4), 49. Retrieved from <http://dx.doi.org/10.5751/ES-05849-180449>.
- *PytlikZillig, L. M., Hutchens, M., Muhlberger, P., Wang, S., Harris, R., Neiman, J., & Tomkins, A. J. (2013). The Varieties of Individual Engagement (VIE) measure: A confirmatory factor analysis across two samples and contexts. *Journal of Public Deliberation*, 9(2), Article 8. Available at: <http://www.publicdeliberation.net/jpd/vol9/iss2/art8>
- **Hamm, J. A., PytlikZillig, L., Herian, M. N., Bornstein, B. H., Tomkins, A. J., & Hoffman, L. (2013). Deconstructing public confidence in state courts. *Journal of Trust Research*, 3, 11-31.
- PytlikZillig, L. M., Steffensmeier, T., Cambell Hibbs, A., Champion, B., Hunt, E. D., Harrington, J., Jr., Spears, J., Umphlett, N., Bruning, R., & Kahl, D. (2013). Fostering climate change education in the Central Great Plains: A public engagement approach. *International Journal of Sustainability*, 8(1), 161-177.
- Herian, M. N., Hamm, J. A., Tomkins, A. J., & PytlikZillig, L. M. (2012). Public participation, procedural fairness, and evaluations of local governance: The moderating role of uncertainty. *Journal of Public Administration Research and Theory*, 22, 815-840.
- Tomkins, A. J., Hoppe, R. D., Herian, M. N., PytlikZillig, L. M., Abdel-Monem, T., & Shank, N. C. (2012). Public input for city budgeting using e-input, face-to-face discussions, and random sample surveys: The willingness of an American community to increase taxes. *Proceedings of the European Conference on e-Government (Vol. 2)*, 12, 698-707.
- PytlikZillig, L. M., Tomkins, A. J., Herian, M. N., Hamm, J. A., & Abdel-Monem, T. (2012). Public input methods and confidence in government. *Transforming Government: People, Process and Policy*, 6, 92-111.
- PytlikZillig, L. M., Horn, C. A., Bruning, R., Sic, S., Liu, X., Siwatu, K. O., Bodvarsson, M. C., Kim, D., Carlson, D. (2011). Face-to-face vs. computer-mediated discussion of teaching cases: impacts on pre-service teachers' engagement, critical analyses, and self-efficacy. *Journal of Contemporary Educational Psychology*, 36, 302-312. DOI information: 10.1016/j.cedpsych.2011.07.002
- *PytlikZillig, L. M., Tomkins, A. J., Muhlberger, P., Pardy, R. L., Morris, T. J., Dzenis, Y. A., Turner, J. A. & Collins, T. P. (2011). Using public engagements to provide input and insights into policy, legal, ethical, and other impacts of science. *The International Journal of Science in Society*, 2(3), 273-290.
- Shank, N., Willborn, E., PytlikZillig, L., & Noel, H. (2011). Electronic health records: Eliciting behavioral health providers' beliefs. *Community Mental Health Journal*, 1-6. <http://dx.doi.org/10.1007/s10597-011-9409-6>
- PytlikZillig, L. M., & Tomkins, A. J. (2011). Public engagement for informing science and technology policy: What do we know, what do we need to know, and how will we get there? *Review of Policy Research*, 28, 197-217.
- *Hamm, J., PytlikZillig, L. M., Tomkins, A. J., Herian, M. N., Bornstein, B. H. and Neeley, E. (2010). Identifying separable components of confidence in the courts: Development of an institutional confidence measure. *Behavioral Sciences & the Law*, 29, 1-22.
- PytlikZillig, L. M., Hu, Q., Hubbard, K. G., Lynne, G. D., & Bruning, R. (2010). Improving farmers' perception and use of climate predictions in farming decisions: A transition model. *Journal of Applied Meteorology and Climatology*, 49, 1333-1340.

- *Tomkins, A. J., PytlikZillig, L. M., Herian, M. N., Abdel-Monem, T., & Hamm, J. A. (2010). Public input for municipal policymaking: Engagement methods and their impact on trust and confidence. In S. A. Chun, R. Sandoval, & A. Philpot (Eds.), *The Proceedings of the 11th Annual International Conference on Digital Government Research, Public Administration Online: Challenges and Opportunities* (pp. 41-50). ACM Digital Library: Digital Government Society of North American. Available online at <http://portal.acm.org/citation.cfm?id=1809885&jmp=cit&coll=GUIDE&dl=GUIDE&CFID=98220794&CFTOKEN=99331109#CIT>
- *Dempsey, M. S., PytlikZillig, L. M., & Bruning, R. (2009). Helping preservice teachers learn to assess writing: Practice and feedback in a web-based environment. *Assessing Writing*, 14, 38-61.
- *Bruning, R., Siwatu, K. O., Liu, X., PytlikZillig, L. M., Horn, C., Sic, S., et al. (2008). Introducing teaching cases with face-to-face and computer-mediated discussion: Two multi-classroom quasi-experiments. *Contemporary Educational Psychology*, 33, 299-326.
- Hu, Q., PytlikZillig, L. M., Lynne, G. D., Tomkins, A. J., Waltman, W. J., Hayes, M. J., et al. (2006). Understanding farmer's forecast use from their beliefs, values, social norms, and perceived obstacles. *Journal of Applied Meteorology and Climatology*, 45(9), 1190-1201.
- *Artikov, I., Hoffman, S. J., Lynne, G. D., PytlikZillig, L. M., Hu, Q., Tomkins, A. J., et al. (2006). Understanding the influence of climate forecasts on farmer decisions as planned behavior. *Journal of Applied Meteorology and Climatology*, 45(9), 1202-1214.
- Pytlik Zillig, L. M., Hemenover, S. H., & Dienstbier, R. A. (2002). What do we assess when we assess a "Big 5" trait? A content analysis of the affective, behavioral, and cognitive processes represented in Big 5 personality inventories. *Personality and Social Psychology Bulletin*, 28, 847-858.
- Runge C., Spiegel, A. N., Pytlik Z., L. M., Fuller, R., Dunbar, S. & Brooks, D. W. (1999). Hands-on computer use in science classrooms: The skeptics are still waiting. *Journal of Science Education and Technology*, 8, 33-44.
- Pytlik Zillig, L. M., & Dienstbier, R. A. (1997, October). Trait-relevant states in ecologically valid contexts: Everyday situations evoke states relevant to traits in the Five Factor Model of personality. *The Nebraska Psychologist*, 7. ¹

Book Chapters

- Dienstbier, R. A., & Pytlik Zillig, L. M. (2016). Building Emotional Stability and Mental Capacity: The Toughness Model. In S. J. Lopez, L. Edwards, & S. Marques (Eds.) *Oxford Handbook of Positive Psychology* (3rd Edition) Oxford: Oxford University Press.
- Neal, T. M. S., PytlikZillig, L. M., Shockely, E. & Bornstein, B. (2016). Inspiring and advancing the many-disciplined study of institutional trust. ? In In E. Shockley, T. M. Neal, L. M. PytlikZillig, & B. H. Bornstein (Eds.), *Interdisciplinary perspectives on trust: Towards theoretical and methodological integration* (pp. 1-16). New York: Springer.
- PytlikZillig, L. M. & Kimbrough, C. D. (2016). Consensus on conceptualizations and definitions of trust: Are we there yet? In In E. Shockley, T. M. Neal, L. M. PytlikZillig, & B. H. Bornstein (Eds.), *Interdisciplinary perspectives on trust: Towards theoretical and methodological integration* (pp. 17-47). New York: Springer.
- Dienstbier, R. A., & Pytlik Zillig, L. M. (2009). Toughness. In C. R. Snyder & Shane J. Lopez (Eds) *Oxford Handbook of Positive Psychology* (2nd Edition) Oxford: Oxford University Press.
- Carlo, G., PytlikZillig, L. M., Roesch, S. C., & Dienstbier, R. A. (2009). The elusive altruist: The psychological study of the altruistic personality. In D. Narvaez & D. K. Lapsley (Eds.), *Personality, identity, and character: Explorations in moral psychology* (pp. 271-294). New York: Cambridge University Press.
- Dempsey, M. S., PytlikZillig, L. M., & Bruning, R. (2005). Building writing assessment skills using web-based cognitive support features. In PytlikZillig, L. M., Bodvarsson, M., & Bruning, R. (Eds.) *Technology-based education: Bringing researchers and practitioners together* (pp. 83-106). Greenwich, CT: Information Age Publishing.

¹ Abstract published in conjunction with a presentation award received at the 1997 Annual Spring Conference session of the Nebraska Psychological Association, April 25, 1997, Lincoln, NE

- PytlikZillig, L. M., Bruning, R., Horn, C. A., & Bodvarsson, M. (2005). Using technology to implement case studies in preservice teacher education courses. In PytlikZillig, L. M., Bodvarsson, M., & Bruning, R. (Eds.) *Technology-based education: Bringing researchers and practitioners together* (pp. 39-62). Greenwich, CT: Information Age Publishing.
- PytlikZillig, L. M., Horn, C. A., & White, M. J. (2003). Teachers, technology and students at risk. In R. Bruning, C. A. Horn, & L. M. PytlikZillig (Eds.) *Web-based learning: What do we know? Where do we go?* (pp. 105-128). Greenwich, CT: Information Age Publishing.
- Horn, C. A., PytlikZillig, L. M., Bruning, R., & Kauffman, D. F. (2003). At risk in cyberspace: Responding to at-risk students in online courses. In R. Bruning, C. A. Horn, & L. M. PytlikZillig (Eds.) *Web-based learning: What do we know? Where do we go?* (pp. 129-152). Greenwich, CT: Information Age Publishing.
- Dienstbier, R. A. & Pytlik Zillig, L. M. (2002). Toughness. In .C. R. Snyder & S. J. Lopez (Eds.), *Handbook of Positive Psychology* (pp. 515-527). New York: Oxford University Press.

Books

- PytlikZillig, L. M., Hutchens, M. J., Muhlberger, P, Gonzalez, F. J., & Tomkins, A. J. (2018). Deliberative public engagement with science: Methods, data, and results from four experiments. New York: Springer-Verlag. Open access at: <https://link.springer.com/book/10.1007%2F978-3-319-78160-0>

Edited Books

- Shockley, E., Neal, T. M. S., PytlikZillig, L. M., & Bornstein, B. (2016). *Interdisciplinary perspectives on trust: Towards theoretical and methodological integration*. New York: Springer.
- PytlikZillig, L. M., Bodvarsson, M., & Bruning, R. (2005). *Technology-Based Education: Bringing Researchers and Practitioners Together*. Greenwich, CT: Information Age Publishing.
- Bruning, R., Horn, C. A., & PytlikZillig, L. M. (Eds.). (2003). *Web-based learning: What do we know? Where do we go?* Greenwich, CT: Information Age Publishing.

Evaluation and Other Reports

- PytlikZillig, L.M. (2017). LNK Market Community Conversation. University of Nebraska Public Policy Center. (Private contracted report). <http://ppc.unl.edu/wp-content/uploads/2018/06/LNK-Market-Community-Conversations.pdf>
- PytlikZillig, L. M., Walther, J., Kawamoto, J. (2017). Taking Charge 2017: Satisfaction of Residents of Lincoln, NE. University of Nebraska Public Policy Center. <http://ppc.unl.edu/wp-content/uploads/2017/11/Taking-Charge-2017-Final-Report.pdf>
- PytlikZillig, L. M., Fairchild, A. (2016). Taking Charge 2016: A Study of the Strategic Budgeting Priorities of the Residents of Lincoln, Nebraska Lincoln, Nebraska: University of Nebraska Public Policy Center. <http://ppc.unl.edu/publications/taking-charge-2016-study-strategic-budgeting-priorities-residents-lincoln-nebraska/>
- PytlikZillig, L. M. & DeTour, J. (2015). Taking Charge 2015: Satisfaction of Residents of Lincoln, NE. University of Nebraska Public Policy Center. http://ppc.unl.edu/publications/taking-charge-2015-satisfaction-survey_final/
- PytlikZillig, L. M. & Walther, J. (2015). Lincoln Hazardous Waste Collection & Disposal Study. University of Nebraska Public Policy Center. (Private contracted report)
- PytlikZillig, L. M. & Anderson, R. (2014). Taking Charge 2014: A Study of the Strategic Budgeting Priorities of the Residents of Lincoln, Nebraska. <http://ppc.unl.edu/wp-content/uploads/2014/12/Taking-Charge-2014-Report-Final-r1.pdf>
- PytlikZillig, L. M., Anderson, R. & Tomkins, A. J. (2013). *A Study of the Strategic Budgeting Priorities of the Residents of Lincoln, Nebraska, Final Report*. University of Nebraska Public Policy Center. <http://ppc.unl.edu/wp-content/uploads/2014/03/TakingCharge2013FinalReport.pdf>

- PytlikZillig, L. M., Anderson, R., Wang, S., & Tomkins, A. J. (2012). *Lincoln Community Energy Conversation 2012: A Study of Resident Views Regarding Local Energy Programs in Lincoln, Nebraska*. University of Nebraska Public Policy Center.
<http://ppc.nebraska.edu/userfiles/file/Documents/projects/lincolncommunityenergy/Energy%20Conversation%202012.pdf>
- PytlikZillig, L. M., Gonzalez, F. J., & Tomkins, A. J. (2012) *Taking Charge 2012: Satisfaction of Residents of Lincoln, NE*. University of Nebraska Public Policy Center.
<http://ppc.nebraska.edu/userfiles/file/Documents/mayorsproject/2012/Taking%20Charge%202012%20-%20Satisfaction%20survey%20report.pdf>
- PytlikZillig, L. M., Wang, S., & Tomkins, A. J. (2012). *Taking Charge 2012: A Study of the 2012 Budgeting Priorities of the Residents of Lincoln, Nebraska*. University of Nebraska Public Policy Center.
<http://ppc.nebraska.edu/userfiles/file/Documents/mayorsproject/2012/TakingCharge2012Report-BudgetingPriorities-final.pdf>
- PytlikZillig, L. M., Abdel-Monem, T., Herian, M. N., Williams, D. T., Tomkins, A. J. (2011). *Taking Charge 2011: A Study of the 2011 Budgeting Priorities of the Residents of Lincoln, Nebraska*. University of Nebraska Public Policy Center.
<http://ppc.unl.edu/userfiles/file/Documents/mayorsproject/TakingCharge2011FinalReport.pdf>
- PytlikZillig, L. M., Doll, B., Horn, C. A., & Bruning, R. (2008). *Inspiring Inquiry primary research report*. Center for Instructional Innovation, University of Nebraska-Lincoln.
- Liu, X., PytlikZillig, L., & Bruning, R. (2004). *Use and effectiveness of web-based EDU assessment in undergraduate courses*. Center for Instructional Innovation, University of Nebraska-Lincoln.
- Spiegel, A. N., & Pytlik Z., L. (2000). *Multimedia Mathematics Across the Curriculum at University of Nebraska-Lincoln and Oklahoma State University*. Center for Instructional Innovation.
- Pytlik Z., Lisa M. & Spiegel, A. N. (1999). *The Impact of MATC Modules in Introductory Functions Courses at OSU, Spring, 1999*. Center for Instructional Innovation, University of Nebraska-Lincoln: Lincoln, NE.
- Spiegel, A. N. & Pytlik Z., L. M. (1998). *Math and Science Education in Nebraska and the Nation*. Center for Instructional Innovation, University of Nebraska-Lincoln: Lincoln, NE.
- Pytlik Z., Lisa M. & Spiegel, A. N. (1998). *Use of MATC Modules in Physics 211, Spring, 1998: Formative Evaluation Summary*. Center for Instructional Innovation, University of Nebraska-Lincoln: Lincoln, NE.
- Pytlik Z., Lisa M. & Spiegel, A. N. (1998). *Use of MATC Modules in Math 107, Spring, 1998: Formative Evaluation Summary*. Center for Instructional Innovation, University of Nebraska-Lincoln: Lincoln, NE.
- Pytlik Z., Lisa M. & Spiegel, A. N. (1998). *MMATC Modules Utilized in a Sophomore-level Physiology Course: Training and Assessment, Fall, 1997*. Center for Instructional Innovation, University of Nebraska-Lincoln: Lincoln, NE.
- Pytlik Z., L. M. & Spiegel, A. N. (1997). *Lessons from "Paperless Physics": Using Multimedia Math Across the Curriculum (MMATC) Modules in the Classroom*. Center for Instructional Innovation, University of Nebraska-Lincoln: Lincoln, NE.
- Pytlik Z., L. M., & Spiegel, A. N. (1996). *Reflecting on the Mentor's Wonderwise Workshop*. Nebraska Math and Science Initiative: Lincoln, NE.

Professional Presentations

** Student presentations that I assisted with or supervised

*Invited presentation.

- PytlikZillig, L.M., Soh, L., Loizzo, J., Morrissey, J., Colgrove, N., & Svoboda, T., Xia, Y. (2019, June 22). *Peopleful Power: MOOCocracy IDEAs for Harnessing and Enhancing "Peopleful Power."* Presented at the Society for the Psychological Study of Social Issues (SPSSI) Summer Conference "Fighting Injustice: The Power of Research, Policy and Activism in Challenging Times" held in San Diego, CA.

- Loizzo, J., Morrissey, J., PytlikZillig, L., Soh, L., Colgrove, N., & Svoboda, T. (2019, April 2-5). Creating a MOOCocracy: The Development of New Learner-Centered MOOC Tools for Public Engagement. Online Learning Consortium (OLC) Innovate. Denver, CO. <https://onlinelearningconsortium.org/olc-innovate-2019-session-page/?session=6556&kwds=>
- Houston, A. L., Walther, J., PytlikZillig, L. M., & Kawamoto, J. (2018, July 9-12). *NWS data needs for short-term forecasts and the role of unmanned aircraft in filling the gap*. Presented at the 2018 International Society for Atmospheric Research using Remotely-piloted Aircraft., Boulder, Colorado.
- PytlikZillig, L. M., Houston, A., Walther, J., Detweiler, C., Kawamoto, J. (2018, 11 January). *Understanding the role of trust in public support for weather (and other) drones: Results of a nationally representative U.S. survey*. 13th Symposium on Societal Applications: Policy, Research and Practice, Amer. Meteor. Soc., Austin, TX. <https://ams.confex.com/ams/98Annual/webprogram/Paper333454.html>
- Walther, J., PytlikZillig, L. M., Houston, A., Kawamoto, J., Detweiler, C. (2018, 11 January). Using public and stakeholder perceptions of drone technology to influence design and implementation of drones for atmospheric data collection. 13th Symposium on Societal Applications: Policy, Research and Practice, Amer. Meteor. Soc., Austin, TX. <https://ams.confex.com/ams/98Annual/webprogram/Paper332514.html>
- Houston, A. L. PytlikZillig, L. M., Walther, J., & Kawamoto, J. (2017, January 26). *NWS Data Needs for Short-term Forecasts and the Role of Unmanned Aircraft in Filling the Gap*. Paper presented at the 97th annual meeting of the American Meteorological Society; 7th Conference on Transition of Research to Operations, American Meteorological Society, Seattle, WA. <https://ams.confex.com/ams/97Annual/webprogram/Paper315880.html>
- PytlikZillig, L. M., Walther, J., Houston, A., Detweiler, C. & Kawamoto, J. (2017, January 26). *Public Opinions and Recommendations Regarding Drones: Potential Policy Implications*. Paper presented at the 97th annual meeting of the American Meteorological Society, Seattle, WA. <https://ams.confex.com/ams/97Annual/webprogram/Paper315760.html>
- PytlikZillig, L.M., Walther, J., Detweiler, C., Houston, A. (2016, September 24). *Public Perceptions of Drones Used for Weather-related Purposes*. Talk presented at SciComm 2016, Lincoln, NE. <https://www.youtube.com/watch?v=PZns-B-H29s&list=PLh0k4GzppsqGqPLIJKF4BOEp5x0INMWvV&index=13>
- ** Fairchild, A. E., Shockely, E., PytlikZillig, L. M., Neal, T. M. S., Hamm, J. A., & PytlikZillig, A. C., (2016, June 24-26). *Helping Institutions Understand and Assess Public Trust*. Paper presented at the Giving Psychology Away: Sharing Research through teaching, interdisciplinary collaboration, and public engagement (The Society for the Psychological Study of Social Issues, SPSSI 2016), Minneapolis, MN.
- PytlikZillig, L. M., Detweiler, C., Elbaum, S., Houston, A., & Walther, J. (2016, June 24-26). *In Drones we Trust? A Trust-Centered Model of Responsible Innovation*. Paper presented at the Giving Psychology Away: Sharing Research through teaching, interdisciplinary collaboration, and public engagement (The Society for the Psychological Study of Social Issues, SPSSI 2016), Minneapolis, MN.
- Houston, A., PytlikZillig, L. M., Detweiler, C. (2016, 24 May). Public Perception of UAS for Atmospheric Science. Paper presented at the 4th Conference of the International Society for Atmospheric Research using Remotely-piloted Aircraft. Toulouse, France.
- *PytlikZillig, L. M. (2015, November 20). *Public attitudes toward innovations at the nexus of food, energy & water systems*. Paper presented at the NU FEWS + Conversations, Lincoln, NE. <http://mediahub.unl.edu/media/4754>
- PytlikZillig, L. M. (2015, October). *A new view of institutional trust: Five online technologies that could empower public trustworthiness*. Envision Rural Talk presented as part of the 2015 Rural Futures Conference: Hope Inspires Vision, Lincoln, NE. <https://www.youtube.com/watch?v=UDCA6De1Fnw&index=3&list=PLSUFztKPROg-fSpY8yvf-U3E2lk444tV>
- **Fairchild, A. E., PytlikZillig, A. C., & PytlikZillig, L. M. (2015, October 22). *Comparing Rural and Urban Trust in Institutions*. Poster presented at the 2015 Rural Futures Conference: Hope Inspires Vision, Lincoln, NE. (Poster won top prize in undergraduate poster category).
- PytlikZillig, L. M. & Anderson, R. (2015, May 21-24). *The benefits of starting skeptical: Negative initial global attitudes predict greater subsequent consideration of risks and/or benefits*. Poster presented at the 27th Annual Convention of the Association for Psychological Science, New York, NY.
- **Kimbrough, C. D., PytlikZillig, L. M., Shockley, E., Neal, T. M. S., Hamm, J. A., Bornstein, B. H., Herian, M. N., Tomkins, A. J. (2015, May 21-24). *A longitudinal and experimental study of knowledge and institutional trust*. Poster presented at the 27th

Annual Convention of the Association for Psychological Science, New York.

- **Anderson, R., DeTour, J., PytlikZillig, L. M. (2015, May 21-24). *Deliberative public engagement procedures create more coherent and informed attitudes: Evidence from deliberations about nanotechnology*. Poster presented at the 27th Annual Convention of the Association for Psychological Science, New York.
- **Wang, S., Anderson, R., PytlikZillig, L. M., Soh, L.-K., Tomkins, A., Samal, A. (2015, May 21-24). *Trusting who, what, and why? Public attitudes toward hacktivism depend most upon trust in hacktivists, not targets or technology*. Poster presented at the 27th Annual Convention of the Association for Psychological Science, New York.
- Hamm, J. & PytlikZillig, L. M. (2015, May 21-24). *Analyses of trust-related constructs reveal different groupings across institutional contexts*. Poster presented at the 27th Annual Convention of the Association for Psychological Science, New York.
- **Fairchild, A., PytlikZillig, L. M., Shockley, E., Neal, T. M. S. (2015, May 21-24). *Clarifying the nomological network of institutional trust*. Poster presented at the 27th Annual Convention of the Association for Psychological Science, New York.
- Hemenover, S., PytlikZillig, L. M. (2015, April 30-May 2). *Perceived effectiveness of 14 emotion repair strategies for anger, sadness and fear*. Poster presented at the 87th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Hemenover, S., PytlikZillig, L. M., Leverette, B., Jackson, B. (2015, April 30-May 2). *Self-esteem and affect regulation motives*. Poster presented at the 87th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- PytlikZillig, L. M., Wang, S., Soh, L-K, Tomkins, A. J., Samal, A. (2015, April 30-May 2). *The role of trustworthiness perceptions in support for and resistance to hacktivism*. Paper presented at the 87th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- PytlikZillig, L. M., Hutchens, M. J., Muhlberger, P., Tomkins, A. J. (2015, April 30-May 2). *Designing deliberative public engagements*. Paper presented at the 87th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- **Anderson, R., Wang, S., PytlikZillig, L. M., Lee, K. (2014, November). *Interactive usage of demonstration videos: An experimental evaluation*. Talk presented at the monthly meeting of the UNL Discipline-Based Education Research (DBER) group, 11-13-2014, Lincoln, NE. <http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1067&context=dberspeakers>.
- **Wang, S. & PytlikZillig, L. M., & Tomkins, A. J. (2014, August). *How Trust and Distrust Predict People's Perception and Support of Hacktivism*. Poster presented at Annual Meeting of the American Psychological Association, Washington D.C. [poster]
- Hutchens, M. J., PytlikZillig, L. M., Muhlberger, P., Tomkins, A. J., Anderson, R. A., Walther, J. C., & Gonzalez, F. J. (2014, May). *Message or process? Learning about nanotechnology through engaged deliberation*. Paper presented at the Information Systems Division of the International Communication Association Annual Conference, Seattle, WA.
- **Acharya, H., Batt, M., DeTour, J., Anderson, R., & PytlikZillig, L. M. (2014, April 24). *In their own words: An exploration of the motivation of STEM students to support or condemn hacktivism*. Poster presented at the Nebraska Symposium on Motivation, Lincoln, NE. [poster]
- **Anderson, R., DeTour, J., Acharya, H., Nelsen, B., & PytlikZillig, L. M. (2013, September 26-28). *Do critical thinking prompts elicit high quality of input in public engagements?* Paper presented at the Atlanta Conference on Science Innovation and Policy, Atlanta, GA. [poster]
- PytlikZillig, L. M., Anderson, R., Phear, N., Walther, J. (2013, May). *Using creative non-fiction to communicate about climate change*. Poster presented at the Water for Food Conference, 5/7/2013, Lincoln, NE. [poster]
- Morris, T. J. & PytlikZillig, L. M. (2013, April). *Teaching of biology: Including ELSI activities in the introductory Biology Classroom*. Talk presented at the monthly meeting of the UNL Discipline-Based Education Research (DBER) group, 4/11/2013, Lincoln, NE. <http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1036&context=dberspeakers>
- **Nelsen, B., Acharya, H. & Detour, J. (2013, April). *Do critical thinking prompts elicit higher quality input in public engagements?* Poster presented at the 2013 UNL Student Research Fair, 4/11/2013, Lincoln, NE. [poster]
- **Gonzalez, F. & PytlikZillig, L. M. (2013, April). *Anchors of deliberation: When pre-existing attitudes and values affect attitude change about a novel topic*. Paper presented at the 2013 annual meeting of the Midwest Political Science Association, 4/11-4/14/2013, Chicago, IL.

- Tomkins, A. J. & PytlikZillig, L. M. (2013, March). Using input to understand what stakeholders want to know about science and technology outcomes: What do we know, and what do we need to know? Presented at the CIC Group's Results of Research Investments Meeting, 3/29-3/30/2013, Chicago IL.
- PytlikZillig, L. M., Soh, L.-K., Samal, A., Hayes, M. J., Tomkins, A. J., Bernadt, T., & Wang, S. (2012, November 27-29). Designing cyber-spaces & promoting cyber-cultures to reduce SPEC-inspired hacktivism. Paper presented at the 2012 Secure and Trustworthy Cyberspace Principal Investigators Meeting, Washington, D.C., <http://cps-vo.org/group/satc/program>
- PytlikZillig, L. M., Tomkins, A. J., Hutchens, M., Muhlberger, P., Harris, R., Wang, S., & Sun, P. (2012, October). Learning from and conducting engagement experiments: Questions for your answers and vice versa. Poster presented at the 2012 meeting of the National Coalition on Dialogue and Deliberation, 10/12-10/14/2012, Seattle, WA.
- PytlikZillig, L. M., Tomkins, A. J., Hutchens, M. (2012, September). Developing a social-cognitive model of public engagement with science and innovation policy. Poster presented at the 2012 meeting of SciSIP principal investigators, 9/20-9/21/2012, Washington, D.C. http://sites.nationalacademies.org/DBASSE/CNSTAT/CurrentProjects/DBASSE_072054#.UX-Zz8qQMug
- *PytlikZillig, L. M. (2012, September). The Greatest Challenge to Climate Change Education: An Outsider's View. Invited talk at the "Sustaining Kansas: The 2012 Kansas Higher Education Sustainability Conference," 9/5/2012, Kansas State University, Manhattan, KS.
- **Hamm, J. A., Tomkins, A. J., Bornstein, B. H., PytlikZillig, L. M., Herian, M. N., & Kimbrough, C. D. (June 2013). Land Owner Trust in and Cooperation with Natural Resource Management Institutions: What Is It and What Does It Do? Paper presented at the 19th International Symposium on Society and Resource Management. Estes Park, CO, USA.
- **Hamm, J. A., PytlikZillig, L. M., Herian, M. N., Tomkins, A. J., Bornstein, B. H., & Kimbrough, C. D. (March 2013). Understanding the role of trust in cooperation with a governance institution. Paper presented at the 2013 Annual Conference of the American Psychology-Law Society, Portland, OR, USA.
- **Hamm, J. A., Tomkins, A. J., Bornstein, B. H., PytlikZillig, L. M., Herian, M. N., & Kimbrough, C. D. (January 2013). Land Owner Trust in and Cooperation with Natural Resource Management Institutions: What Is It and What Does It Do? Poster presented at the 14th Annual Meeting of the Society for Personality and Social Psychology: Social Psychology and Law Preconference. New Orleans, LA, USA.
- **Loke, J., Hamm, J. A., Kimbrough, C. D., Herian, M. N., PytlikZillig, L. M., Bornstein, B. H., & Tomkins, A. J. (November 2012). Sophisticated trustors: Investigating the relationship between knowledge, experience and trust in water regulatory institutions. Poster presented at 2012 Water: Science, Practice and Policy conference, Lincoln, NE, USA.
- PytlikZillig, L.M., Tomkins, A.J., Herian, M. N. & Hoppe, R. D. (2012, April). *Trust in Government: Findings from Public Budgeting Consultations*. Paper presented at the Transatlantic Conference on Transparency Research, Utrecht University, Utrecht, Netherlands, 7-9 June 2012. <http://www.transparencyconference.nl/wp-content/uploads/2012/05/PytlikZillig-Tomkins.pdf>
- PytlikZillig, L.M. & Tomkins, A. J., Bruning, R. B. (2011, April). *Applying Educational Research for Social Good: How Educational Psychologists Could Contribute to Effective Public Engagement*. 2011 Annual meeting of the American Educational Research Association, New Orleans, Louisiana, April 8-12, 2011.
- Tomkins, A. J. & PytlikZillig, L. M. (2010, November). *Using Public Engagements to Provide Input and Insights into Policy, Legal, Ethical, and Other Impacts of Science*. Workshop presented at the Second International Conference on Science in Society, Universidad Carlos III de Madrid, Madrid, Spain, 11 November 2010.
- **Hamm, J. A., Tomkins, A., PytlikZillig, L., Herian, M., Bornstein, B., & Neeley, E. (October, 2010). *Measuring Public Trust in Institutions: Applying Research in the Courts to a Water Resource Domain*, Greater Platte River Basins Symposium, Lincoln, Nebraska.
- Hemenover, S. H., PytlikZillig, L. M., Kwiatkowski, M., & Glass, Sara (2010, May). Validation of the Repair Style Inventory. Poster presented at the Annual meeting of the Midwestern Psychological Association, May, Chicago, IL.
- Tomkins, A. J., PytlikZillig, L. M., Herian, M., Abdel-Monem, T., & Hamm, J. A. (2010, May). *Public Input for Municipal Policymaking and Managing: Engagement Type and Impact on Trust and Confidence in Government*. Paper presented at the 11th Annual International Conference for the digital government research (DGO2010), May 17-20, Puebla, Mexico

- **Hamm, J. A., Tomkins, A., PytlikZillig, L., Herian, M., Bornstein, B., & Neeley, E. (2010, May). *Exploring Separable Components of Confidence in the Courts*, 2010 Water for Food Conference, Lincoln Nebraska.
- PytlikZillig, L. M., Tomkins, A. J., Muhlberger, P., Abdel-Monem, T., Herian, M. N., Marincic, J. L. & Hamm, J. A. (2010, March). *Effects of Consensus Instructions on Processes and Outcomes in Deliberative Discussions of Performance Measurement and Reporting and Budget Issues*. Paper presented at the Third Annual Conference on Public Performance Measurement and Reporting (PPMRN), March 18-19, Chattanooga, TN.
- Tomkins, A., Herian, M., PytlikZillig, L. Hamm, J., Neeley E., & Hoppe, R. (2010, March). *Performance Measurements and Strategic Budgeting: The Impact on the Public's Trust and Confidence in Government*. Paper presented at the Third Annual Conference on Public Performance Measurement and Reporting (PPMRN), March 18-19, Chattanooga, TN.
- **Hamm, J., Tomkins, A. J., PytlikZillig, L. M., Herian, M. N., Bornstein, B. H. and Neeley, E. (2010, March). *Identifying Separable Components of Confidence in the Courts: Development of an Institutional Confidence Measure*, Paper presented at American Psychology-Law Society (AP-LS), March 18-20, Vancouver, Canada.
- Tomkins, A. J., Bornstein, B. H., Hamm, J. A., PytlikZillig, L. M., Herian, M. N., Neeley, E., Rajendran, S., & Clug, L. (2010, March). *A Field Study of Procedural Justice and Confidence/Trust in the Courts: A Survey of Misdemeanants*, Paper presented at American Psychology-Law Society (AP-LS), March 18-20, Vancouver, Canada.
- Tomkins, A. J., & PytlikZillig, L. M. (2009, Dec.). *Public Engagement for Informing Science and Technology Policy: What Do We Know, and What Do We Need to Know?* Paper presented at Policy Studies Organization's Dupont Summit, "The New Administration's Challenges on Science & Technology: Staying the Course in Times of Crisis," Washington, DC (Dec. 4, 2009).
- Hemenover, S. H., PytlikZillig, L. M., Curley, J. M., & Kruse, S. E. (2009, May). *Negative Affect Repair Style: Structure, Stability, and Psychological Functioning*. Paper presented at the 2009 Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Doll, B., Bruning, R., Horn, C. A., & PytlikZillig, L. M. (2008, March). *Using the Inspiring Inquiry curriculum to prompt teacher change*. Paper presented at the 2008 Annual Convention of the American Educational Research Association, New York.
- Hu, Q.S., PytlikZillig, L.M., Lynne, G.D., Hubbard, K.G., & Bruning, R.H. (2007, March). *Think About It – Transitioning climate information and predictions to decision aids*. Fifth Annual NOAA Climate Prediction Applications Science Workshop: Research and Application on Use and Impacts. March 21-24, 2007, Seattle, WA.
- PytlikZillig, L. M., Bonnsetter, R. J., Bruning, R., Doll, B., Horn, C. A., Kurien, S., Larson-Miller, C., Mills, L., Smith, K., & Yendra, S. (2007, April). *Teacher and Student Measures of Efficacy for Teaching and Learning Inquiry-Based Science*. Poster presented at the American Educational Research Association annual meeting. Chicago, IL. April 9-13, 2007.
- PytlikZillig, L.M., Horn, Christy A., Glider, William V. (2006, April). *Trait-relevant states of student engagement: Factor structure and potential antecedents and consequences*. Paper presented at the annual meeting of the American Educational Research Association. San Francisco, California. April 8-12, 2006.
- Bodvarsson, M., PytlikZillig, L., Bruning, R., Horn, C., & Liu, X. (2005, April). *A comparison of two online case-based instructional implementations for inservice-teachers*. Paper presented to the Annual Meeting of the American Educational Research Association, Montreal.
- **Dempsey, M., PytlikZillig, L., & Bruning, R. (2005, April). *Building complex analytic skills with web-based tools: Teacher candidates learn to rate student writing*. Paper presented at the Annual Meeting of the American Educational Research Association, Montreal.
- Bruning, R., Pytlik Zillig, L., Bodvarsson, M., & Dempsey, M. (2004, December). *An online tool for helping literacy teachers learn to rate student writing*. Presentation to the National Reading Conference, San Antonio, TX.
- **Dempsey, M., Bodvarsson, M., Bruning, R., PytlikZillig, L. (2004, April). *Critical Thinking and Writing Assessment Online: Teacher Candidates Learn to Rate Student Writing*. Paper presented at the annual meeting of the American Educational Research Association. San Diego, California.
- **Siwatu, K. O., Sic, S. L., Carlson, D. J., Horn, C. A., & PytlikZillig, L. M. (2004, April). *Factors Influencing the Achievement of Migrant Hispanic Students*. Paper presented at the annual meeting of the American Educational Research Association. San

Diego, California.

- Horn, C. A., Bruning, R. H., Carlson, D. J., Siwatu, K. O., Sic, S. L., Liu, X., PytlikZillig, L., & Kim, D. (2003, June). Online Tools for Enhancing Student Learning: Case Studies for Pre-service Teachers. Paper presented at the annual Association for the Advancement of Computing in Education. Honolulu, Hawaii.
- PytlikZillig, L. M., Dienstbier, R. A., Huss, M., Logan, B., Baumfalk, B., Kliene, P., (2003, May). *Situations predict Five Factor Model States: Preliminary results*. Poster presented at the 15th Annual Convention of the American Psychological Society, Atlanta, Georgia, 5/29/03-6/1/03.
- **Huss, M., Baumfalk, B., PytlikZillig, L. M., Dienstbier, R. A., Logan, B. (2003, March). *The personality trait of conscientiousness predicted from situation states: preliminary results*. Teachers College Student Research Conference, University of Nebraska-Lincoln, Lincoln, NE, 3/8/03.
- **Baumfalk, B, Huss, M, PytlikZillig, L.M. (2003, March). *The personality trait of conscientiousness predicted from situation states: preliminary results*. 2003 Great Plains Students' Psychology Convention, Kearney, NE, 3/14/03-3/15/03. First place in undergraduate research, faculty supervisor Lisa PytlikZillig.
- PytlikZillig, L. M. & Hemenover, S. H. (2003, February). *Individual differences in mood repair strategies*. Poster presented at the 4th Annual meeting of the Society for Personality and Social Psychology, Los Angeles, CA.
- Pytlik Zillig, L. M., & Horn, C., (2002, May). *Teachers, technology and students at risk*. Poster session presented at the Nebraska Symposium on Information Technology in Education, Lincoln, NE.
- Pytlik Zillig, L. M. (2002, March). *Recovery from alcoholism: Investigating individual differences*. Poster presented at the 50th Nebraska Symposium on Motivation and Emotion, Lincoln, NE, 3/28-3/29/2002.
- Pytlik Zillig, L. M., Maul, A., & Dienstbier, R. A. (2001, October). *What evokes integrity? (Part of) The rest of the story*. Poster session presented at the Positive Psychology Summit 2001, Third Annual Meeting of the Positive Psychology Network. Washington, D. C., 10/5-10/7/2001.
- Dienstbier, R. A. & Pytlik Zillig, L. M. (2001, October). *Toughness*. Paper presented at the Positive Psychology Summit 2001, Third Annual Meeting of the Positive Psychology Network. Washington, D. C., 10/5-10/7/2001.
- Dienstbier, R. A. & Pytlik Zillig, L. M. (2000, June). *Being tough is definitely positive*. Paper presented by invitation to the Conference on Personality and Social Behavior at the Nags Head Conference, Highland Beach, FL, 6/6-6/9/2000.
- Pytlik Zillig, L. M., Hemenover, S. H., & Dienstbier, R. A. (2000, May). *All traits are not created equal! Big-5 content analyses reveal central trait components*. Paper presented at the 72nd Annual Meeting of the Midwestern Psychological Association, Chicago, IL, 5/4-5/6/2000.
- **Berger, K., Manning, R., Maul, A., Wilkinson, M. B., Pytlik Zillig, L. M., (2000, April). *Situations, traits, and trait relevant states*. Poster session presented at the Nebraska Psychological Association Spring session, Omaha, NE, 4/28/2000.
- Dienstbier, R. A., & Pytlik Zillig, L. M. (1999, June). *The states of personality*. Paper presented by invitation to the Conference on Personality and Social Behavior at the Nags Head Conference, Highland Beach, FL, 6/20-6/24/99.
- **Severson, J. L., Pytlik Zillig, L. M., Hemenover, S. H. , & Dienstbier, R. A. (1999, April). *What do we measure when we measure traits? Expert ratings of the NEO-PI-R measure*. Poster session presented at the Midwestern Psychological Association 1999 Meeting, Chicago, Illinois.
- **Severson, J. L., Pytlik Zillig, L. M., & Hemenover, S. H. (1999, March). *What do we measure when we measure traits? Student and expert ratings of the NEO-PI-R*. Poster session presented at the Great Plains 1999 Meeting, Wichita, KS.
- Spiegel, A. N. & Pytlik Z., L. M. (1998, August). *Evaluation of a computer intensive physics course*. Paper presented at the American Association of Physics Teachers Annual Summer Meeting, Lincoln, NE.
- Dunbar, S. R., Plano Clark, V., Fuller, R., Spiegel, A. N., & Pytlik Z., L. M. (1998, August). *Computer algebra systems in computer intensive physics*. Paper presented at the American Association of Physics Teachers Annual Summer Meeting, Lincoln, NE.
- Pytlik Zillig, L. M., Dienstbier, R. A., Lowrey, S., Casper, R. (1998, June). *I party because I "feel like" partying: Extraverted states mediate the effects of traits and situations*. Poster session presented at Presented at the Annual Spring Conference session of

the Nebraska Psychological Association, June 12, 1998, Lincoln, NE.

- Lott, R., Pytlik Zillig, L. M., Lowery, S., Roesch, S., Freeman, S., Carlo, G., & Dienstbier, R. A. (1998, May). *Altruistic personality and the intent to volunteer self and others*. Poster session presented to the 10th Annual Convention of the American Psychological Society, Washington DC.
- Pytlik Zillig, L. M. (1998, May). *Five-Factor Model traits implicated in recovery from alcoholism: Neuroticism, agreeableness, and conscientiousness*. Poster session presented at the 10th Annual Convention of the American Psychological Society, Washington DC.
- Pytlik Zillig, L. M., & Dienstbier, R. A. (1997, October). *Relationships among traits, states, and situations in chosen vs. imposed situations: Implications for personality development*. Poster session presented at the conference on Temperament and Personality Development Across the Life Span, Carbondale, IL.
- Freeman, S., Lott, R., Lowery, S., Pytlik Zillig, L. M., Roesch, S., Carlo, G., & Dienstbier, R. (1997, March). *Gender and altruism: A reexamination of the altruistic personality*. Poster session presented at the annual meeting of the Nebraska Symposium on Motivation, Lincoln, NE.
- Dienstbier, R. A., Sloan, J., Pytlik, L., & Freeman, S. C. (1995). *Thinking about the relationships between states and traits*. Paper presented by invitation to the Conference on Emotion at the Nags Head Conference Center, Highland Beach, FL, 5/28/95-6/2/95.

PROFESSIONAL AND HONORARY MEMBERSHIPS

Association for Psychological Science (APS)
 Midwestern Psychological Association (MPA)
 Phi Beta Kappa
 Positive Psychology Network
 Sigma XI
 Social Psychology Network (SPN)
 Society for Social and Personality Psychology (SPSP)

REVIEW ACTIVITIES

Frontiers (Psychology, Environmental Science)
 Journal of Personality and Social Psychology
 Journal of Research in Personality
 Law and Human Behavior
 PLOS One
 Science in Society
 Science, Technology and Society
 Transforming Government: People, Process, and Policy
 Weather, Climate and Society

OTHER SERVICE

2015	<i>National Science Foundation</i> Panel Reviewer, Secure and Trustworthy Computing Education (NSF-SATC-EDU), virtual panel.
2013	<i>National Science Foundation</i> Panel Reviewer, Secure and Trustworthy Computing (NSF-SATC), Washington DC.
2009-2010	Committee on Gay, Lesbian, Bisexual, Transgender Concerns, member 2009-10, Secretary 2010
2009-Present	Organizer (lead organizer, 2010-present) for public engagement activities for the City of Lincoln
2009	Guest columnist, <i>Lincoln Journal Star</i> , January 24, April 11, July 24, 2009.

- 2007-Present Community Mediator for small claims court, family/divorce cases, and employment first
- 2004 Volunteer discussion leader at the UNL 2004 Honors Colloquium "Bowling for Columbine," June 2004.
- 2001 Panelist, UNL Psi Chi's Annual Graduate School Night, Fall, 2001.
- 1995 Speaker: "Eating disorders and relationships," a presentation to teens from various halfway houses in Lincoln, Nebraska, May, 1995.
- 1993 Presentation titled "Recovery and the alcoholic personality" at Lincoln General Hospital, as part of a continuing education workshop for community alcohol and drug counselors, April 20, 1993.

Mediation

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| Nov, 2007-present | Volunteer Mediator
(Family, Small Claims Court & Employment First;
primarily Small Claims beginning 2012,
Juvenile Victim-Offender beginning 2015) | The Mediation Center, Lincoln, NE |
| Feb, 2008-present | Mediation Coach | The Mediation Center & UNL Law School |
| March, 2009-2011 | Certified for Specialized Alternative Dispute
Resolution (SADR) | Nebraska Office of Dispute Resolution
Lincoln, NE |
| November 2008-2011 | Certified Family Mediator/Affiliate | Nebraska Office of Dispute Resolution
The Mediation Center, Lincoln, NE |