

# JANE ELIZABETH MILLER, PHD

*Curriculum Vitae* · October 2024

Pronouns: She/Her · drjaneelizabethmiller@gmail.com · www.janeemiller.com

## ACADEMIC EMPLOYMENT

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**Postdoctoral Research Fellow** May 2023- Present  
Faculty Advisor: Michael P. Vandenbergh  
Climate Change Research Network; Environment, Energy, and Land Use Program  
Vanderbilt Law School, Vanderbilt University, Nashville, TN

## EDUCATION

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**Ph.D., Psychology** 2023  
University of Iowa, Iowa City, IA  
Dissertation Title: The Optimism Gap: Lay Prescriptions for Characterizing, Estimating, and Communicating about Uncertainty  
Faculty Advisor: Paul Windschitl, Ph.D.

**B.S., Psychology (Honors) and Studio Art (Honors), *summa cum laude*** 2015  
Union College, Schenectady, N.Y.  
Honors Thesis Title: The Connections Between Self-Monitoring and Theory of Mind  
Psychology Advisor: Kenneth DeBono, Ph.D.

## PEER-REVIEWED PUBLICATIONS

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1. Strueder, J.D., **Miller, J.E.**, Yu, X., & Windschitl, P.D. (2024). Eliciting Risk Perceptions: Does Conditional Question Wording Have a Downside? *Medical Decision Making*, 44, 141-151.
2. **Miller, J.E.**, Strueder, J.D., Park, I., & Windschitl, P.D. (2023). Do People Desire Optimism from Others During a Novel Global Crisis? *Journal of Behavioral Decision Making*. [\[Preprint\]](#) [\[OSF\]](#)
3. Park, I., Windschitl, P.D., **Miller, J.E.**, Smith, A.R., & Biangmano, M. (2023). People Express More Bias in Their Predictions than in Their Likelihood Judgments. *Journal of Experimental Psychology: General*, 152, 45-59. [\[Preprint\]](#) [\[OSF\]](#)
4. Windschitl, P.D., **Miller, J.E.**, Park, I., Rule, S., Jennings, A., & Smith, A.R. (2022). The Desirability Bias in Predictions under Epistemic and Aleatory Uncertainty. *Cognition*, 229, 105254. [\[OSF\]](#)
5. **Miller, J.E.**, Park, I., Smith, A.R., & Windschitl, P.D. (2021). Do People Prescribe Optimism, Overoptimism, or Neither? *Psychological Science*, 32, 1605-1616. [\[Preprint\]](#) [\[OSF\]](#)

6. O'Rourke Stuart, J., Windschitl, P.D., **Miller, J.E.**, Smith, A.R., Zikmund-Fisher, B.J., & Scherer, L.D. (2021). Attributions for Ambiguity in a Treatment-Decision Context Can Create Ambiguity Aversion or Seeking. *Journal of Behavioral Decision Making*, 35, e2249. [\[OSF\]](#)
7. Li, X., **Miller, J.E.**, Stuart, J., Scherer, A.M., Smith, A. & Windschitl, P.D. (2021). The Effect of Tool Comparisons when Estimating the Likelihood of Task Success. *Judgment and Decision Making*, 16, 165-200.
8. **Miller, J.E.**, Windschitl, P.D., Treat, T.A. & Scherer, A.M. (2020). Comparisons as Predictors of People's Beliefs about the Importance to Changing their Health Behaviors. *European Journal of Health Psychology*, 27, 14-29. [\[Preprint\]](#)
9. **Miller, J.E.**, Windschitl, P.D., Treat, T.A. & Scherer, A.M. (2019). Unhealthy and Unaware? Misjudging Social Comparative Standing for Health-Relevant Behavior. *Journal of Experimental Social Psychology*, 85, 103873. [\[Preprint\]](#) [\[OSF\]](#)
10. **Miller, J.E.**, Kim, S., Boldt, L.J., Goffin, K., & Kochanska, G. (2018). Long-term Sequelae of Mothers' and Fathers' Mind-mindedness in Infancy: A Developmental Path to Children's Attachment at Age 10. *Developmental Psychology*, 55, 675-686.

## ADDITIONAL PUBLICATIONS

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1. Vandenberg, M.P., **Miller, J.E.**, Blair, M., & Gilligan, J.M. (2024). The Moral Boundary of the Firm. Forthcoming in *Iowa Law Review*, 110(5).

## WORKING PAPERS

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\*Denotes shared first authorship

1. Windschitl, P.D., Smith, C. L., **Miller, J.E.**, Park, I., Smith, A.R., & Stuart, J. O. Wishful Predictions from Summarized vs. Un-summarized Likelihood Information. Invited revision at *Judgment and Decision Making*.
2. Flores, A., Caballero, M., **Miller, J.E.**, Suarez, C., Carricio, A., Burgess, M., & Vandenberg, M. Americans Less Willing to Buy Teslas than Other Electric Vehicles, Driven by Liberals. Manuscript under review.
3. **Miller, J.E.** & Windschitl, P.D. Do People Prescribe Pessimism for Threatening Weather Events? Manuscript in prep.
4. **Miller, J.E.**\*, Strueder, J.D.\* , & Windschitl, P.D. How Do Comparisons Shape Likert-type Behavioral Frequency Judgments? Manuscript in prep.

## EXTERNAL HONORS & AWARDS

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1. J. Frank Yates Memorial Scholarship 2022  
\$500, Society for Judgment and Decision Making

2. SPSP Graduate Student Travel Award 2022  
\$500, Society for Personality and Social Psychology
3. SPSP Virtual Graduate Registration Award 2021  
Society for Personality and Social Psychology
4. SPSP Summer Institute in Social and Personality Psychology (SISPP) 2019  
Social Psychology in the Wild: Behavioral Science to Advance Psychological Theory and Public Policy, Society for Personality and Social Psychology

## **INTERNAL FELLOWSHIPS, HONORS, & GRANTS**

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1. Graduate and Professional Student Travel Grant 2023  
\$500, University of Iowa
2. Graduate College Summer Fellowship 2021  
\$5000, University of Iowa
3. Graduate Student Senate Travel Award 2020  
\$750, University of Iowa
4. Post-Comprehensive Research Fellowship 2019  
\$9500, University of Iowa
5. Graduate College Summer Fellowship 2019  
\$4500, University of Iowa
6. Graduate Student Senate Travel Award 2019  
\$750, University of Iowa
7. Graduate and Professional Student Travel Grant 2018  
\$500, University of Iowa
8. Graduate Student Senate Travel Award 2017  
\$1000, University of Iowa
9. Graduate and Professional Student Travel Grant 2017  
\$500, University of Iowa
10. Graduate and Professional Student Travel Grant 2016  
\$500, University of Iowa
11. Undergraduate Student Research Grant 2015  
\$1000, Union College
12. Rett and Michele Benedict Endowed Scholarship 2012- 2015  
Union College
13. Presidential Merit Scholarship 2012- 2015  
Union College
14. Dean's List 2011- 2015  
Union College

## **RESEARCH PRESENTATIONS**

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*\*Denotes undergraduate student advisee.*

### **TALKS AND SYMPOSIUMS**

1. **Miller, J.E.** (2024, October). Testing Social Psychological Theories on Bypassing Climate Change Polarization. Talk given on the Social and Behavioral Science Panel at The Carnegie Bypassing Climate Polarization Conference by the Climate Change Research Network, Vanderbilt Law School, Vanderbilt University, Tennessee.

2. Flores, A., Burgess, M., Caballero, M., **Miller, J.E.**, Suarez, C., & Carrico, A., & Vandenberg, M. (2024, October). Depolarizing EV Perceptions? Liberals' Sinking Opinions of EVs, Teslas, and Musk. Talk given on the Political Science, Philosophy, and Psychology Panel at The Carnegie Bypassing Climate Polarization Conference by the Climate Change Research Network, Vanderbilt Law School, Vanderbilt University, Tennessee.
3. **Miller, J.E.** & Vandenberg, M.P. (2024, September). The Moral Boundary of the Firm. Talk given on the Green to Gold Initiatives Panel at The Economic Impacts of Climate Change Iowa Law Review Symposium by the Iowa Law Review, Iowa Law School, The University of Iowa, Iowa.
4. **Miller, J.E.** State of Scholarship and Innovation. (2024, February). Talk given on the State of Scholarship Panel at the Annual State of the Environment Conference by the Environment, Energy, and Land Use Program, Vanderbilt Law School, Vanderbilt University, Tennessee.
5. Flores, A., Burgess, M., Caballero, M., **Miller, J.E.**, Carrico, A., & Vandenberg, M. (2024, February). Bypassing Polarization: Engaging Conservatives to Achieve Climate Justice. Talk given at the Sustainability Preconference at Society for Personality and Social Psychology Annual Convention, San Diego, California.
6. Strueder, J.D., **Miller, J.E.**, Yu, X.\* & Windschitl, P.D. (2023, August). Eliciting Accurate Risk Perceptions: The Influence of Conditional Question Framing on Predicting Health Prevention Behaviors. Talk given at the conference for Subjective Probability Utility & Decision-Making (SPUDM), Vienna, Austria.
7. **Miller, J.E.** & Windschitl, P.D. (2023, April). An Examination of the Severity Bias in Prescriptions of (Possibly) Biased Estimation. Flash talk given at the Oklahoma-Kansas Judgment and Decision Making Workshop.
8. Strueder, J.D., **Miller, J.E.**, Yu, X.\* & Windschitl, P.D. (2023, April). Eliciting Accurate Risk Perceptions: The Influence of Conditional Question Framing on Predicting Health Prevention Behaviors. Flash talk given at the Oklahoma-Kansas Judgment and Decision Making Workshop.
9. Windschitl, P.D., Park, I., **Miller, J.E.**, Biangmano, M.\*, & Smith, A.R. (2021, April). The Expression of Motivated Bias in Predictions vs. Likelihood Judgments. Talk given at the Oklahoma-Kansas Judgment and Decision-Making Workshop.
10. **Miller, J.E.** (2018, February). Unhealthy and Unaware? Examining the Noise-Plus-Bias Model in the Context of Health Behaviors. Talk given at the Annual Graduate Research Symposium, University of Iowa, Iowa.
11. **Miller, J.E.** (2015, May). The Connections Between Self-Monitoring and Theory of Mind. Talk given at the Steinmetz Symposium of Undergraduate Research, Union College, New York.

## CONFERENCE POSTERS

1. **Miller, J.E.** & Windschitl, P.D. (2024, November). Prescriptions Under Uncertainty for The Climate Crisis. Poster to be presented at the Society for Judgment and Decision-Making Annual Convention, New York City, New York.
2. **Miller, J.E.** & Windschitl, P.D. (2023, November). Do People Strategically Prescribe Pessimism for Threatening Weather Events? Paper presented at the Society for Judgment and Decision-Making Annual Convention, San Francisco, California.
3. Park, I., Strueder, J.D., **Miller, J.E.**, & Windschitl, P.D. (2023, November). Impact of Event Boundaries on Wishful Thinking in Predictions. Poster presented at the Society for Judgment and Decision-Making Annual Convention, San Francisco, California.
4. Strueder, J.D., **Miller, J.E.**, Yu, X.\* & Windschitl, P.D. (2023, November). Eliciting Risk Perceptions: Does Conditional Question Wording Have a Downside? Poster presented at the Society for Judgment and Decision-Making Annual Convention, San Francisco, California.
5. Strueder, J.D., **Miller, J.E.**, Yu, X.\* & Windschitl, P.D. (2023, August). Eliciting Accurate Risk Perceptions: The Influence of Conditional Question Framing on Predicting Health Prevention Behaviors. Poster to be presented at the Subjective Probability Utility & Decision-Making (SPUDM) Conference, Vienna, Austria.
6. **Miller, J.E.**, Park, I., & Windschitl, P.D. (2023, February). The Optimism Gap: Lay Prescriptions for Communicating about Uncertainty. Poster presented at the Society for Personality and Social Psychology Annual Convention, Atlanta, Georgia.
7. **Miller, J.E.**, Park, I., Smith, A.R., & Windschitl, P.D. (2022, November). The Optimism Gap: Lay Prescriptions for Communicating about Uncertainty. Poster presented at the Society for Judgment and Decision-Making Annual Convention, San Diego, California.
8. Park, I., **Miller, J.E.**, Windschitl, P.D., & Smith, A.R. (2022, November). The Desirability Bias in Predictions under Aleatory and Epistemic Uncertainty. Poster presented at the Society for Judgment and Decision-Making Annual Convention, San Diego, California.
9. **Miller, J.E.**, Park, I., Smith, A.R., & Windschitl, P.D. (2022, February). Do People Prescribe (Over)Optimism? Poster presented virtually at the Society for Personality and Social Psychology Annual Convention.
10. **Miller, J.E.**, Park, I., Smith, A.R., & Windschitl, P.D. (2022, February). The Prescription Gap: People Prescribe Optimistic Feelings but Pessimistic Estimations of Uncertain Events. Poster presented virtually at the Society for Judgment and Decision-Making Annual Convention.

11. Park, I., Windschitl, P.D., Smith, A.R., **Miller, J.E.**, Stuart, J.O., & Biangmano, M.\* (2022, February). People Express More Bias in Their Predictions than in Their Likelihood Judgments. Poster presented virtually at the Society for Judgment and Decision-Making Annual Convention.
12. **Miller, J.E.**, Park, I., & Windschitl, P.D. (2021, June). It's the Hope that Kills You: Lay Attitudes about Optimism in the Face of a Pandemic. Poster presented virtually at the Association for Psychological Science Convention.
13. **Miller, J.E.**, Park, I., & Windschitl, P.D. (2021, February). Lay Attitudes about Optimism in the Face of a Pandemic. Poster presented virtually at the Society for Personality and Social Psychology Annual Convention.
14. Park, I., Windschitl, P.D., Smith, A., **Miller, J.E.**, & Biangmano, M.\* (2020, December). The Influence of Expectation Metric on Desirability Bias. Poster presented virtually at the Society for Judgment and Decision-Making Annual Convention.
15. **Miller, J.E.**, Park, I., & Windschitl, P.D. (2020, December). Lay Attitudes about Optimism in the Face of a Pandemic. Poster presented virtually at the Society for Judgment and Decision-Making Annual Convention.
16. **Miller, J.E.** & Windschitl, P.D. (2020, February). How Do Comparisons Shape Responses to Likert-Type Behavioral Frequency Judgments? Poster presented at the Society for Personality and Social Psychology Annual Convention, New Orleans, Louisiana.
17. **Miller, J.E.**, Windschitl, P.D., Treat, T.A., & Scherer, A.M. (2020, February). Unhealthy and Unaware? Misjudging Social Comparative Standing for Health-Relevant Behavior. Poster presented at the Health Preconference for Society for Personality and Social Psychology Annual Convention, New Orleans, Louisiana.
18. **Miller, J.E.**, Park, I., Smith, A.R., & Windschitl, P.D. (2019, November). Prescribing Optimism and Accuracy: A Replication and Extension of Armor, Massey, and Sackett (2008). Poster presented at the Annual Meeting of the Society of Judgment and Decision-Making, Montreal, Canada.
19. Magnuson, T.\*, **Miller, J.E.**, Park, I., Smith, A.R., & Windschitl, P.D. (2019, April). Perspective Taking as a Method for Debiasing Overoptimism. Poster presented at the Spring Undergraduate Research Festival, University of Iowa, Iowa.
20. Friedrich, K., **Miller, J.E.**, Flynn, M., Sivagurunathan, N., & Kochanska, G. (2019, March). "Hot" but not "Cool" Effortful Control Mediates Impact of Early Attachment on Children's Anger Regulation. Poster presented at the Biennial Meeting for the Society of Research in Child Development, Baltimore, Maryland.
21. **Miller, J.E.**, Windschitl, P.D., Treat, T.A., & Scherer, A.M. (2019, February).

Comparisons as Predictors of People's Inclination to Change their Health Behaviors. Poster presented at the Society for Personality and Social Psychology Annual Convention, Portland, Oregon.

22. **Miller, J.E.** & Windschitl, P.D. (2018, November). How Do Comparisons Shape Responses to Likert-Type Behavioral Frequency Judgments? Poster presented at the Annual Meeting of the Society of Judgment and Decision-Making, New Orleans, Louisiana.
23. Biangmano, M.\*, Windschitl, P.D., & **Miller, J.E.** (2018, April). Do Wishes Influence Expectations? Depends How You Ask. Poster presented at the Spring Undergraduate Research Festival, University of Iowa, Iowa.
24. **Miller, J.E.**, Windschitl, P.D., Scherer, A.M., & Treat, T.A. (2018, April). Unhealthy and Unaware? Examining the Noise-Plus-Bias Model through Health Behaviors. Poster presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, Illinois.
25. **Miller, J.E.**, Windschitl, P.D., Scherer, A.M., & Treat, T.A. (2017, November). Unhealthy and Unaware? Examining the Noise-Plus-Bias Model in the Context of Health Behaviors. Poster presented at the Annual Meeting of the Society for Judgment and Decision-Making, Vancouver, Canada.
26. Gayle, K.O.\*, **Miller, J.E.**, & Kochanska, G. (2017, July). Mind-Minding the Baby: Mothers and Fathers Talk to Their Infants as a Window into Parental Perception of Infants' Internal States. Poster presented at the Annual Summer Undergraduate Research Conference, University of Iowa, Iowa.
27. **Miller, J.E.** & DeBono K. (2016, March). The Connections Between Self-Monitoring and Theory of Mind. Poster presented at the Annual Meeting of the Eastern Psychological Association, New York City, New York.

## TEACHING EXPERIENCE

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1. Teaching Assistant, Social Cognition (*3 sem.*) Spring 2022, 2023  
PSY:3570, Professor: Kelly Danaher, Ph.D. Fall 2022  
Department of Psychological and Brain Sciences, University of Iowa
2. Teaching Assistant, Lab in Psych: Social Psychology (*2 sem.*) Spring 2020, Fall 2022  
PSY:4020, Professor: Kelly Danaher, Ph.D.  
Department of Psychological and Brain Sciences, University of Iowa
3. Teaching Assistant, Introduction to Social Psychology (*1 sem.*) Spring 2022  
PSY:2501, Professor: Kelly Danaher, Ph.D.  
Department of Psychological and Brain Sciences, University of Iowa

4. Teaching Assistant, Judgment and Decision-Making (5 sem.) Spring 2019, 2021, 2023  
 PSY:3580, Professor: Paul Windschitl, Ph.D. Fall 2020, 2021  
 Department of Psychological and Brain Sciences, University of Iowa
5. Teaching Assistant, Introduction to Social Psychology (2 sem.) Fall 2016, Spring 2017  
 PSY:2501, Professor: Lori Nelson, Ph.D.  
 Department of Psychological and Brain Sciences, University of Iowa
6. Guest Lecturer, Introduction to Social Psychology (6 lectures) Fall 2016, 2017, 2018  
 PSY:2501, Professor: Lori Nelson, Ph.D.  
 Department of Psychological and Brain Sciences, University of Iowa  
 Lecture Topics: *Conformity, Persuasion Techniques, Motivated Attitude Processes, Cognitive Dissonance, Elaboration Likelihood Model*

## **MENTORSHIP EXPERIENCE**

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1. Honors Thesis Co-Mentor  
 2020-2021: Xianshen Yu, Iris Peimann  
 2019-2020: Bernardo Duarte\*, Lindsay Greth  
 \*Mentored successful SROP and University of Iowa Research Fellowship applications  
 2018- 2019: Taylor Magnuson, Xin Chen  
 2017-2018: Mark Biangmano, Shiwen Zhou
2. Advanced Research Practicum Co-Supervisor  
 2019: Xianshen Yu, Gabriel d S Gaudencio, Jordan Cortesi\*, Christopher Gregorie  
 \*Mentored successful grad school applications, Ph.D. Candidate at University of Kansas  
 2018: Ireland Mahoney, Kayli Putnam
3. Summer Research Opportunity Program Co-Mentor  
 2017: Kriss-Ann Gayle (SROP undergraduate student)
4. Undergraduate Research Assistant Co-Supervisor (most recent listed first):  
 Kathleen Dam, Sabrina Lacy, Oksana Hirschak, Sakshi Lawande, Tommy Looi, Divija Sharma, Zachary Taylor, Hannah Mossberg, Abby Hlavacek, Garrett Ormsby, Kinnaly Baccam, Yujun Cai, Ally Halverson, Steven Lopez, Allie Eversoll, Megan Leiding, Danielle Preschul, Weiqi Wang, Guangjun Xu, Jack Standefer, Alyssa Ricke, Brennen Nullan, Ally Pronina, Taylor Drazan, Max Sherwood, Iris Peimann, Muyu Zhang, Amy Castonguay, Jeremy Strueder, Madelynn Santi, Hannah Bock, Myles Glandorf, Lindsay Greth, Christopher Gregorie, Jordan Cortesi, Ruixiou Zhou, Taylor Magnuson, Abby Johnson, Xianshen Yu, Gabriel d S Gaudencio, Mark Biangmano, Ireland Mahoney, Kyle Trapp, Taylor Magnuson, Rochelle Proska, Kayli Putnam, Weiwen Chen, Nelly Meyer

## **LAB AND RESEARCH GROUP AFFILIATIONS**

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1. Postdoctoral Research Fellow May 2023- Current  
 Climate Change Research Network, Vanderbilt Law School



Funded by grants awarded to Michael Vandenberg: May 2023-Jan 2025 by a Carnegie Corporation of New York grant; From Jan 2025 on by an Audi Cy Pres fund

2. Graduate Lab Manager Fall 2017- Fall 2022  
Judgment, Decision, and Social Comparison Lab; Paul Windschitl, University of Iowa  
Funded from June 2019 to August 2022 by National Science Foundation Grant SES-1851738  
(awarded to Paul Windschitl and Andrew Smith)
3. Graduate Research Assistant Spring 2017- Spring 2019  
Child Lab; PI: Grazyna Kochanska, University of Iowa  
Funded 2019 by National Institutes of Child Health and Human Development Grant  
R01 HD0691 (awarded to Grazyna Kochanska)
4. Ph.D. Candidate Researcher Fall 2016- Spring 2023  
Judgment, Decision, and Social Comparison Lab; Paul Windschitl, University of Iowa

## ACADEMIC AND PROFESSIONAL SERVICE

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### Service to the Field

#### Conference Award Review

1. SPSP Outstanding Graduate Research Award 2020, 2021, 2022, 2023
2. SPSP Diversity Undergraduate Registration Award 2020, 2021, 2022, 2023

#### Ad Hoc Manuscript Review

1. *British Journal of Social Psychology* (x2)
2. *Cognition*
3. *Developmental Psychology*
4. *European Journal of Social Psychology*
5. *International Journal of Environmental Research and Public Health*
6. *Journal of Behavioral Decision Making*
7. *Journal of Experimental Social Psychology* (x2)
8. *Journal of Personality and Social Psychology*
9. *Medical Decision Making*
10. *Personality and Social Psychology Bulletin* (x2)
11. *PLOS One*
12. *Psychology, Public Policy, and Law*
13. *Social Cognition*
14. *Thinking and Reasoning*

### Service to the University

#### Award Review

1. Graduate and Professional Student Government Grant Reviewer 2017-2020  
University of Iowa
2. Poster Judge, Undergraduate Research Festival 2017, 2018, 2019  
University of Iowa

#### Committee Positions

1. Graduate Student Advisory Committee, Open-track Representative 2019- 2020

- University of Iowa
2. Graduate Resources Committee Chair 2017-2020  
University of Iowa
  3. Graduate Student Advisory Committee, Social Area Representative 2017- 2018  
University of Iowa
  4. Psi Chi Executive Board 2014- 2015  
Union College

## **PROFESSIONAL AFFILIATIONS**

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*Member:* Society for Personality and Social Psychology, Society of Judgment and Decision Making, Social Personality Health Network, Midwestern Psychological Association, Association for Psychological Science, Psi Chi: The National Honor Society of Psychology

## **REFERENCES**

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Paul Windschitl, PhD  
Professor  
Email: paul-windschitl@uiowa.edu  
Office Phone: 319-335-2435  
Department of Psychological  
and Brain Sciences  
University of Iowa, USA

Teresa Treat, PhD  
Professor  
Email: teresa-treat@uiowa.edu  
Office Phone: 319-335-3104  
Department of Psychological  
and Brain Sciences  
University of Iowa, USA

Michael P. Vandenberg  
David Daniels Allen  
Distinguished Chair in Law;  
Director, Climate Change  
Research Network;  
Co-Director, Energy,  
Environment and Land Use  
Program  
Email:  
michael.vandenberg@vanderbilt.edu  
Office Phone: (615) 322-6763  
Vanderbilt Law School  
Vanderbilt University, USA