

JANE ELIZABETH MILLER, PHD

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Curriculum Vitae · May 2023

Department of Psychological and Brain Sciences · University of Iowa

EDUCATION

- Ph.D., Psychology** 2023
University of Iowa, Iowa City, IA
Area: Social Psychology, Faculty Advisor: Paul Windschitl, Ph.D.
Dissertation Title: The Optimism Gap: Lay Prescriptions for Characterizing, Estimating, and Communicating about Uncertainty
- B.S., Psychology (Honors) and Studio Art (Honors), *summa cum laude*** 2015
Union College, Schenectady, N.Y.
Psychology Advisor: Kenneth DeBono, Ph.D.
Honors Thesis Title: The Connections Between Self-Monitoring and Theory of Mind

PEER-REVIEWED PUBLICATIONS

1. Park, I., Windschitl, P.D., **Miller, J.E.**, Smith, A.R., & Biangmano, M. (2022). People Express More Bias in Their Predictions than in Their Likelihood Judgments. *Journal of Experimental Psychology: General*. Advance online publication. [\[Preprint\]](#) [\[OSF\]](#)
2. 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.
3. **Miller, J.E.**, Park, I., Smith, A.R., & Windschitl, P.D. (2021). Do People Prescribe Optimism, Overoptimism, or Neither? *Psychological Science*, 32, 1605-1616. [\[Preprint\]](#) [\[OSF\]](#)
4. 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. [\[OSF\]](#)
5. 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.
6. **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. [\[Preprint\]](#)
7. **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. [\[Preprint\]](#) [\[OSF\]](#)

8. **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.

MANUSCRIPTS UNDER REVIEW & IN REVISION

1. **Miller, J.E.**, Park, I., & Windschitl, P.D. Do People Desire Optimism from Others During a Novel Global Crisis? Invited revision at *Journal of Behavioral Decision Making*.
2. 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*.

MANUSCRIPTS IN PREPARATION

*Denotes shared first authorship

1. **Miller, J.E.** & Windschitl, P.D. An Examination of the Severity Bias in Prescriptions of Optimism and (Possibly) Biased Estimation.
2. Strueder, J.D., **Miller, J.E.**, Yu, X., & Windschitl, P.D. Eliciting Accurate Risk Perceptions: The Influence of Conditional Question Framing on Predicting Health Prevention Behaviors.
3. **Miller, J.E.***, Strueder, J.D.*, & Windschitl, P.D. How Do Comparisons Shape Likert-type Behavioral Frequency Judgments?

EXTERNAL HONORS & AWARDS

- | | |
|--|------|
| 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 | |

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

CONFERENCE POSTER PRESENTATIONS

1. 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.
2. **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.
3. **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.
4. 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.
5. **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.
6. **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.
 7. 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.
 8. **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.
 9. **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.
 10. 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.
 11. **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.
 12. **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.
 13. **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.
 14. **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.
 15. 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.

16. **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.
17. **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.
18. **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.
19. **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.
20. **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.

EXTERNAL TALKS

1. 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.
2. **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.
3. 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.
4. 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.

INTERNAL PRESENTATIONS

*Denotes undergraduate student advisee

1. 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.
2. 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.
3. **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.
4. 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.
5. **Miller, J.E.** (2017, April). The Influence of Comparative Standing on the Perceived Importance of Changing Health Behavior. Talk given at the Social Area Brownbag, University of Iowa, Iowa.
6. **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.

TEACHING EXPERIENCE

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

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 AFFILIATIONS

1. 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)
2. 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)

3. Ph.D. Candidate Researcher Fall 2016- Spring 2023
Judgment, Decision, and Social Comparison Lab; Paul Windschitl, University of Iowa

ACADEMIC AND PROFESSIONAL SERVICE

Service to the Field

Conference Award Review

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

Ad Hoc Manuscript Review

1. *British Journal of Social Psychology* (x2)
2. *Cognition*
3. *Developmental Psychology*
4. *International Journal of Environmental Research and Public Health*
5. *Journal of Experimental Social Psychology* (x2)
6. *Journal of Personality and Social Psychology*
7. *Medical Decision Making*
8. *Personality and Social Psychology Bulletin* (x2)
9. *PLOS One*
10. *European Journal of Social Psychology*

Service to the University

Award Review

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

Committee Positions

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| 1. Graduate Student Advisory Committee, Open-track Representative
University of Iowa | 2019- 2020 |
| 2. Graduate Resources Committee Chair
University of Iowa | 2017-2020 |
| 3. Graduate Student Advisory Committee, Social Area Representative
University of Iowa | 2017- 2018 |
| 4. Psi Chi Executive Board
Union College | 2014- 2015 |

PROFESSIONAL AFFILIATIONS

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