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Degrees Earned

Indiana University, Bloomington, Indiana USA

Ph.D., Cognitive Science, June 2012

Advisor: Dr. Jerome R. Busemeyer

Title of dissertation: *An Investigation of Context Effects in Multi-alternative Choice Behavior through Experimentation and Cognitive Modeling*

Indiana University, Bloomington, Indiana USA

M.A., Mathematics, May 2009

Indiana University, Bloomington, Indiana USA

B.S.O.F, Music and Mathematics, May 2007

Appointments

Indiana University

Director, Cognitive Science Program (2024 - present)

Ruth N. Halls Professor, Department of Psychological and Brain Sciences and Cognitive Science Program (2022 - present)

Vanderbilt University

Associate Professor (with tenure), Department of Psychology (2019 - 2022)

Assistant Professor, Department of Psychology (2015 - 2019)

University of Chicago

Visiting Scholar, Booth School of Business (2018-2019)

University of California, Irvine

Assistant Professor, Department of Cognitive Sciences (2012 - 2015)

Affiliated Faculty, Institute for Mathematical Behavioral Sciences (2012 - 2015)

Honors and Awards

17. Troland Research Award, National Academy of Sciences (2024)

16. Chancellor Faculty Fellow, Vanderbilt University (2020-2022)

15. Association for Psychological Science Janet Taylor Spence Award for Transformative Early Career Contributions (2020)

14. Early Investigator Award from the Society of Experimental Psychologists (2020)

13. Kilts Center Visiting Fellow, The University of Chicago Booth School of Business (August 2017)

12. William K. Estes Early Career Award, Society for Mathematical Psychology (2017)

11. Psychonomic Society Early Career Award (2016)

10. 2015 Rising Star, Association for Psychological Science (2015)

9. Select-Speaker Award, Psychonomic Society (2014)

8. Runner-up Hillel Einhorn Young Investigator Award, Society for Judgment and Decision Making (2013)

7. Outstanding Research Award, Indiana University Cognitive Science Program (2013)

6. Midwestern Cognitive Science Best Student Presentation Award (2012)

5. Society for Mathematical Psychology Student Travel Award (2009, 2011)

4. NSF/IGERT fellowship in the Dynamics of Brain-Body-Environment Systems, Indiana University Cognitive Science Program (2010-2011)

3. Graduate Women in Science Fellowship, Indiana University Graduate School and Cognitive Science Program (2007-2009)

2. David A. Rothrock Teaching Award, Indiana University Department of Mathematics (2008)

1. Hazel King Thompson Scholarship, Indiana University Department of Mathematics (2007)

Professional Affiliations

Society of Experimental Psychologists, Lifetime Fellow

Association for Psychological Science, Fellow

Psychonomic Society, Fellow

Cognitive Science Society

Society for Judgment and Decision Making

Society for Mathematical Psychology

Research Grants

Submitted

2. National Science Foundation (submitted). Title: *Collaborative Research: Human Judgment, Uncertainty, and Learning in AI-assisted Perceptual Decision Making*. **Role: Lead PI**.

1. Office of Naval Research (submitted). Title: *MURI: Perception and attention models for adaptive outdoor augmented reality*. **Role: PI for IU**.

Awarded

12. Alfred P. Sloan Foundation. Title: *Cognitive Economics at Work*. Total Amount: $185,840 to IUB. **Role: PI for IU** (PI: Andrew Caplin, New York University). 2023-2028.

11. National Science Foundation (SES-2242962). Title: *Advanced Bayesian Methods for Generalized Choice Response Time Models of Decision-making*. Total Amount: $330,000. **Role: Co-PI** (PI: William Holmes, IUB). 2023-2026

10. National Science Foundation (SES-1846764 / SES-2305559). Title: *CAREER: The Dynamics of Contextual Sensitivity in Multi-alternative Choice*. Total Amount: $604,258. Direct Costs: $400,867. Indirect Costs: $203,391. **Role: PI** (sole investigator). 2019-2024.

9. Australian Research Council Discovery Project (DP190101996). Title: *Context Dependent Flower Choice in Honey Bees*. Amount: $609,901 AUD. **Role: Partner Investigator** (PI: Tanya Latty). 2019-2021.

8. Alfred P. Sloan Foundation Research Fellowship in Neuroscience. Direct Costs: $60,000. **Role: PI** (sole investigator). 2017-2021.

7. Vanderbilt University School of Medicine Department of Pathology, Microbiology, and Immunology Clinical and Translational Research Enhancement Awards.

   – Title: *Investigation of cognitive factors involved in diagnostic decision-making in pathology*. Direct Costs: $4,000. **Role: Co-PI**. (PI: Quentin Eichbaum; Co-PIs: William Holmes). 2017-2018.
   – Title: *A mobile VUMC Pathology Lab to Investigate Diagnostic Decision-making Errors*. Direct Costs: $4,000. **Role: Co-PI**. (PI: Quentin Eichbaum; Co-PIs: William Holmes). 2018-2019.

6. Vanderbilt University Trans-Institutional Program. Title: *Vanderbilt Initiative for Intelligent Resilient Infrastructure Systems (IRIS)*. Direct Costs: $197,762. **Role: Co-PI**. (PI: Caglar Oskay; Co-PIs: Mark Abkowitz, Hiba Baroud, Ralf Bennartz, Craig Philip). 2016-2018.

5. Vanderbilt International Research Grant. Title: *Computational Models of Dynamic Decision-making*. Direct Costs: $20,000. **Role: PI**. (Co-PIs: William Holmes and Andrew Heathcote). 2016-2017.

4. National Science Foundation (SES-1556325). Title: *The Impact of Dynamically Changing Information on Decision Processes*. Total Amount: $340,456. Direct Costs: $224,282. Indirect Costs: $116,174. **Role: PI**. (Co-PI: William Holmes). 2015-2019.

   – Supplement 1: Research Experience for Undergraduates. Direct Costs: $6,000.
   – Supplement 2: Research Experience for Undergraduates. Direct Costs: $19,076.

3. Australian Research Council Discovery Early Career Research Award (DE150101301). Title: *Cognitive Models of Human Decision-making in Cybersecurity Settings*. Amount: $360,000 AUD. **Role: Chief Investigator** (sole investigator). 2015-2018.

   – Relinquished June 2015 due to acceptance of position at Vanderbilt University.

2. National Science Foundation (SES-1326275 / SES-1556415). Title: *Applications of Quantum Probability Theory to Human Causal Reasoning*. Total Amount: $311,434 (total awarded to UCI in 2013). Direct Costs (awarded to Vanderbilt): $113,281. Indirect Costs (awarded to Vanderbilt): $64,530. **Role: PI** (sole investigator). 2013-2017.

1. Leverhulme Trust. Title: *Quantum similarity: harnessing the flexibility of human similarity judgments*. Amount: £98,962. **Role: Co-PI**. (PI: Emmanuel Pothos). 2013-2015.

Publications

* = Papers written by a trainee under my supervision (not all use the last-author convention).

Manuscripts under Review / Revision

3. Doh, H. & ***Trueblood, J. S.** (submitted). The Role of Memory in the Attraction Effect.

2. Epping, G. P., Caplin, A., Duhaime, E., Holmes, W. R., Martin, D., & ***Trueblood, J. S.** (submitted). Improving human and machine classification through cognitive-inspired data engineering.

1. Holmes, W. R., Hayes, W., & **Trueblood, J. S.** (submitted). Leveraging Cognitive-inspired Machine Learning to Understand Multi-attribute Preference Construction.

Peer-reviewed Journal Articles

66. Epping, G. P., Caplin, A., Duhaime, E., Holmes, W. R., Martin, D., & ***Trueblood, J. S.** (in press). Harnessing Human Uncertainty to Train More Accurate and Aligned AI Systems. *Decision Analysis*.

65. **Trueblood, J. S.** , Liu, Y., Murrow, M., Hayes, W., Holmes, W. R. (2026). Attentional Dynamics Explain the Elusive Nature of Context Effects. *Psychological Review*. https://doi.org/10.1037/rev0000606

64. Boag, R. J., Innes, R., Stevenson, N., Bahg, G., Busemeyer, J. R., Cox, G. E., Donkin, C., Frank, M., Hawkins, G., Heathcote, A., Hedge, C., Lerche, V., Lilburn, S., Logan, G. D., Matzke, D., Miletic, S., Osth, A. F., Palmeri, T., Sederberg, P. B., Singmann, H., Smith, P., Stafford, T., Steyvers, M., Strickland, L. J. G., **Trueblood, J. S.**, Tsetsos, K., Turner, B. M., Usher, M., van Maanen, L., van Ravenzwaaij, D., Vandekerckhove, J., Voss, A., Weichart, E. R., Weindel, G., White, C., Evans, N. J., Brown, S., & Forstmann, B. (2025). An expert guide to planning experimental tasks for evidence accumulation modelling. *Advances in Methods and Practices in Psychological Science*, 8(2). https://doi.org/10.1177/25152459251336612

63. Hasan, E., Epping, G., Lorenzo-Luaces, L., Bollen, J., & ***Trueblood, J. S.** (2025). One shot intervention reduces online engagement with distorted content. *PNAS Nexus*, 4(3). https://doi.org/10.1093/pnasnexus/pgaf068

62. Huang, J., Epping, G., **Trueblood, J. S.**, Yearsley, J. M., Busemeyer, J. R., & Pothos, E. M. (2025). An overview of the quantum cognition research programme. *Psychonomic Bulletin & Review*. https://doi.org/10.3758/s13423-025-02675-9

61. Hasan, E., Liu, Y., Owens, N., ***Trueblood, J. S.** (2025). A registered report on presentation factors that influence the attraction effect. *Judgment and Decision Making*, 20. https://doi.org/10.1017/jdm.2024.27

60. Lyu, W., **Trueblood, J. S.**, & Wolfe, J. M. (2025). Effects of prevalence and feedback in the identification of blast cells in peripheral blood: expert and novice observers. *Cognitive Research: Principles and Implications*, 10(1), 30. https://doi.org/10.1186/s41235-025-00632-7

59. Shiffrin, R. M., **Trueblood, J. S.**, Kellen, D., Vandekerckhove, J. (2025). Dialogues about the practice of science. *Proceedings of the National Academy of Sciences*, 122(5). https://doi.org/10.1073/pnas.2423782122

58. **Trueblood, J. S.**, Allison, D. B., Field, S. M., Fishbach, A., Gaillarde, S. D. M., Gigerenzer, G., Holmes, W. R., Lewandowsky, S., Matzke, D., Murphy, M. C., Musslick, S., Popov, V., Roskies, A. L., ter Schure, J. Teodorescuo, A. R. (2025). The Misalignment of Incentives in Academic Publishing and Implications for Journal Reform. *Proceedings of the National Academy of Sciences*, 122(5). https://doi.org/10.1073/pnas.2401231121

57. Hirshman, S., Sussman, A., Vazquez-Hernandez, C., O'Leary, D., & **Trueblood, J. S.** (2024). The Effect of Job Loss on Risky Financial Decision-Making. *Proceedings of the National Academy of Sciences*, 122(1). https://doi.org/10.1073/pnas.2412760121

56. Hayes, W. M., Holmes, W., & ***Trueblood, J. S.** (2024). Attribute Comparability and Context Effects in Preferential Choice. *Psychonomic Bulletin & Review*. https://doi.org/10.3758/s13423-024-02565-6

55. Hasan, E., Duhaime, E. P., & ***Trueblood, J. S.** (2024). Boosting Wisdom of the Crowd for Medical Image Annotation Using Training Performance and Task Features. *Cognitive Research: Principles and Implications*, 9, 1-21. https://doi.org/10.1186/s41235-024-00558-6

54. Hasan, E., Eichbaum, Q., Seegmiller, A. C., Stratton, C., & ***Trueblood, J. S.** (2024). Harnessing the Wisdom of the Confident Crowd in Medical Image Decision-making. *Decision*, 11(1), 127-149. https://doi.org/10.1037/dec0000210

53. Liu, Y., Wolfe, J. M., & ***Trueblood, J. S.** (2024) Risky Hybrid Foraging: The Impact of Risk, Reward Value, and Prevalence on Foraging Behavior in Hybrid Visual Search. *Journal of Experimental Psychology: General*. https://doi.org/10.1037/xge0001652

52. Ramsey, A. T., Liu, Y., & ***Trueblood, J. S.** (2024). Can invalid information be ignored when it is detected? *Psychological Science*, 35(4), 328-344. https://doi.org/10.1177/09567976241231571

51. Edinger, A., Valdez, D., Walsh-Buhi, E., **Trueblood, J. S.**, Lorenzo-Luaces, L., Rutter, L. A., Bollen, J. (2023). Misinformation and Public Health Messaging in the Early Stages of the Mpox Outbreak: Mapping the Twitter Narrative with Deep Learning. *Journal of Medical Internet Research*, 25, e43841.

50. Batista, R. M., Sussman, A. B., & **Trueblood, J. S.** (2023). Self-other differences in perceptions of wealth. *Journal of Experimental Social Psychology*, 104, 104420. https://doi.org/10.1016/j.jesp.2022.104420.

49. Liu, Y. & ***Trueblood, J. S.** (2023). The effect of preference learning on context effects in multi-alternative, multi-attribute choice. *Cognition*, 233, 105365. https://doi.org/10.1016/j.cognition.2022.105365

48. **Trueblood, J. S.**, Sussman, A., O'Leary, D., & Holmes, W. (2023). Financial Constraint and Perceptions of COVID-19. *Scientific Reports*, 13(1), 3432. https://doi.org/10.1038/s41598-023-30118-9

47. Hasan E., Eichbaum, Q., Seegmiller, A. C., Stratton, C., & ***Trueblood, J. S.** (2022). Improving Medical Image Decision Making by Leveraging Metacognitive Processes and Representational Similarity. *Topics in Cognitive Science*, 14(2), 400-413.

    – Republished version of the conference paper with the same title as part of a special issue on "Best Papers from the 2021 Cognitive Science Society Conference"

46. Trevino, M., Horowitz, T. S., Seltzer, S. E., Wolfe, J. M., Birdsong, G., Carrigan, A., Choyke, P., Drew, T., Eckstein, M., Fernandez, A., Gallas, B. D., Giger, M., Hewitt, S. M., Jiang, Y. V., Kudrick, B., Martinez-Conde, S., Mitroff, S., Nebeling, L., Saltz, J., Samuelson, F., Shabestari, B., Shankar, L., Siegel, E., Tilkin, M., **Trueblood, J. S.**, Van Dyke, A. L., Venkatesan, A., & Whitney, D. (2022). Advancing research on medical image perception by strengthening multidisciplinary collaboration. *JNCI Cancer Spectrum*, 6 (1), pkab099.

45. **Trueblood, J. S.** (2022). Theories of context effects in multi-alternative, multi-attribute choice. *Current Directions in Psychological Science*, 31(5), 428-435.

44. **Trueblood, J. S.**, Sussman, A., & O'Leary, D. (2022). The Role of Risk Preferences in Responses to Messaging About COVID-19 Vaccine Take-Up. *Social Psychological and Personality Science*, 13(1), 311-319. https://doi.org/10.1177/1948550621999622

43. Yearsley, J., Pothos, E. M., Barque-Duran, A., **Trueblood, J. S.**, & Hampton, J. A. (2022). Context effects in similarity judgments. *Journal of Experimental Psychology: General*, 151(3), 711. https://doi.org/10.1037/xge0001097

42. **Trueblood, J. S.**, Eichbaum, Q., Seegmiller, A. C., Stratton, C., O'Daniels, P., & Holmes, W. R. (2021). Disentangling prevalence induced biases in medical image decision-making. *Cognition*, 212, 104713. https://doi.org/10.1016/j.cognition.2021.104713

41. **Trueblood, J. S.**, & Sussman, A. (2021). When a gain becomes a loss: The effect of wealth predictions on financial decisions. *Cognition*, 215, 104822.

40. Evans, N. J., Holmes, W. R., Dasari, A., & ***Trueblood, J. S.** (2021). The Impact of Presentation Order on Attraction and Repulsion Effects in Decision-making. *Decision*, 8(1), 36–54.

39. **Trueblood, J. S.**, Heathcote, A., Evans, N. J., & Holmes, W. R. (2021). Urgency, Leakage, and the Relative Nature of Information Processing in Decision Making. *Psychological Review*, 128(1), 160–186.

38. Latty, T. & **Trueblood, J. S.** (2020). How do insects choose flowers? A review of multi-attribute flower choice and decoy effects in flower-visiting insects. *Journal of Animal Ecology* , 89(12), 2750-2762.

37. Holmes, W. R., O'Daniels, P., & **Trueblood, J. S.** (2020). A joint deep neural network and evidence accumulation modeling approach to human decision-making with naturalistic images. *Computational Brain & Behavior*, 3, 1-12. https://doi.org/10.1007/s42113-019-00042-1

36. Evans, N. J., ***Trueblood, J. S.**, & Holmes, W. R. (2020). A parameter recovery assessment of time-variant models of decision-making. *Behavior Research Methods*, 52 (1), 193-206.

35. Jaeger, C. B. & ***Trueblood, J. S.** (2019). Thinking Quantum: A New Perspective on Decision Making in Law. *Florida State Law Review*, 46 (4), 733-805.

34. Lee, M.D., Criss, A.H., Devezer, B., Donkin, C., Etz, A., Leite, F. P., Matzke, D., Rouder, J. N., **Trueblood, J. S.**, White, C. N., Vandekerckhove, J. (2019). Robust Modeling in Cognitive Science. *Computational Brain & Behavior*, 2, 141-153.

33. Vandekerckhove, J., White, C. N., **Trueblood, J. S.**, Rouder, J. N., Matzke, D., Leite, F. P., Etz, A., Donkin, C., Devezer, B., Criss, A. H., & Lee, M. D. (2019). Robust diversity in cognitive science. *Computational Brain & Behavior*, 2(3), 271-276.

32. Evans, N. J., Holmes, W. R., & ***Trueblood, J. S.** (2019). Response time data provides critical constraints on dynamic models of multi-alternative, multi-attribute choice. *Psychonomic Bulletin & Review*, 26 (3), 901-933.

31. Zhao, W. J., Diederich, A., **Trueblood, J. S.**, & Bhatia, S. (2019). Automatic Biases in Intertemporal Choice. *Psychonomic Bulletin & Review*, 26 (2), 661-668.

30. Mistry, P. K., Pothos, E. M., Vandekerckhove, J., & ***Trueblood, J. S.** (2018). A quantum probability account of individual differences in causal reasoning. *Journal of Mathematical Psychology*, 87, 76-97.

29. Baribault, B., Donkin, C., Little, D. R., **Trueblood, J. S.**, Oravecz, Z., van Ravenzwaaij, D., White, C., De Boeck, P., & Vandekerckhove, J. (2018). Meta-studies for robust tests of theory. *Proceedings of the National Academy of Sciences*, 115, 2607-2612. doi: 10.1073/pnas.1708285114

28. Diederich, A., & **Trueblood, J. S.** (2018). A Dynamic Dual Process Model of Risky Decision-Making. *Psychological Review*, 125, 270-292.

27. Dutilh, G., Annis, J., Brown, S. D., Cassey, P., Evans, N. J., Grasman, R. P. P. P., Hawkins, G. E., Heathcote, A., Holmes, W. R., Krypotos, A.-M., Kupitz, C. N., Leite, F. P., Lerche, V., Lin, Y.-S., Logan, G. D., Palmeri, T. J., Starns, J. J., **Trueblood, J. S.**, van Maanen, L., van Ravenzwaaij, D., Vandekerckhove, J., Visser, I., Voss, A., White, C. N., Wiecki, T. V., Rieskamp, J., Donkin, C. (2018). The Quality of Response Time Data Inference: A Blinded, Collaborative Assessment of the Validity of Cognitive Models. *Psychonomic Bulletin & Review*, 26(4), 1051-1069. doi: 10.3758/s13423-017-1417-2

26. Holmes, W. R. & **Trueblood, J. S.** (2018). Bayesian Analysis of the Piecewise Diffusion Decision Model. *Behavior Research Methods*, 50, 730-743.

25. **Trueblood, J. S.**, Holmes, W. R., Seegmiller, A. C., Douds, J., Compton, M., Szentirmai, E., Woodruff, M., Huang, W., Stratton, C., & Eichbaum, Q. (2018). The Impact of Speed and Bias on the Cognitive Processes of Experts and Novices in Medical Image Decision-making. *Cognitive Research: Principles & Implications*, 3(28), 1-14.

24. Basieva, I., Pothos, E., **Trueblood, J. S.**, Khrennikov, A., & Busemeyer, J. (2017). Quantum probability updating from zero prior (by-passing Cromwell's rule). *Journal of Mathematical Psychology*, 77, 58-69. doi: 10.1016/j.jmp.2016.08.005

23. Bouwmeester, S., Verkoeijen, P. P. J. L., Aczel, B., Barbosa, F., Bègue, L., Brañas-Garza, P., Chmura, T. G. H., Cornelissen, G., Døssing, F. S., Espín, A. M., Evans, A. M., Ferreira-Santos, F., Fiedler, S., Flegr, J., Ghaffari, M., Glöckner, A., Goeschl, T., Guo, L., Hauser, O. P., Hernan-Gonzalez, R., Herrero, A., Horne, Z., Houdek, P., Johannesson, M., Koppel, L., Kujal, P., Laine, T., Lohse, J., Martins, E. C., Mauro, C., Mischkowski, D., Mukherjee, S., Myrseth, K. Ove R., Navarro-Martinez, D., Neal, T. M. S., Novakova, J., Pagà, R., Paiva, T. O., Palfi, B., Piovesan, M., Rahal, R.-M., Salomon, E., Srinivasan, N., Srivastava, A., Szaszi, B., Szollosi, A., Thor, K. Ø, Tinghög, G., **Trueblood, J. S.**, Van Bavel, J. J., van't Veer, A. E., Västfjäll, D., Warner, M., Wengström, E., Wills, J., Wollbrant, C. E. (2017). Registered Replication Report: Rand, Greene & Nowak (2012). *Perspectives on Psychological Science*, 12(3), 527-542.

22. Guo, L., ***Trueblood, J. S.** & Diederich, A. (2017). Thinking fast increases framing effects in risky decision-making. *Psychological Science*, 28(4), 530-543. doi: 10.1177/0956797616689092

21. **Trueblood, J. S.** & Hemmer, P. (2017). The generalized quantum episodic memory model. *Cognitive Science*, 41, 2089-2125. doi: 10.1111/cogs.12460

20. **Trueblood, J. S.** & Pettibone, J. C. (2017). The phantom decoy effect in perceptual decision-making. *Journal of Behavioral Decision Making*, 30(2), 157-167. doi: 10.1002/bdm.1930

19. **Trueblood, J. S.**, Yearsley, J. M., & Pothos, E. M. (2017). A quantum probability framework for human probabilistic inference. *Journal of Experimental Psychology: General*, 146(9), 1307-1341.

18. Yearsley, J. M. & ***Trueblood, J. S.** (2017). A Quantum Theory Account of Order Effects and Conjunction Fallacies in Political Judgments. *Psychonomic Bulletin & Review*, 25(4), 1517-1525. doi: 10.3758/s13423-017-1371-z

17. Holmes, W. R., **Trueblood, J. S.** & Heathcote, A. (2016). A new framework for modeling decisions about changing information: The Piecewise Linear Ballistic Accumulator model. *Cognitive Psychology*, 85, 1-29.

16. Busemeyer, J. R., Wang, Z., Pothos, E. M. & **Trueblood, J. S.** (2015). The conjunction fallacy, confirmation, and quantum theory: Comment on Tentori, Crupi & Russo (2013). *Journal of Experimental Psychology: General*, 144, 236-243.

15. Hughes, M. A., Dolan, M. C., **Trueblood, J. S.**, & Stout, J. C. (2015). Psychopathic personality traits and Iowa Gambling Task performance in incarcerated offenders. *Psychiatry, Psychology and Law*, 22, 134-144. doi: 10.1080/13218719.2014.919689

14. Pothos, E. M., Barque-Duran, A., Yearsley, J., **Trueblood, J. S.**, Busemeyer, J. R., & Hampton, J. A. (2015). Progress and current challenges with the Quantum Similarity Model. *Frontiers in Psychology*, 6:205. doi: 10.3389/fpsyg.2015.00205

13. Pothos, E. M. & **Trueblood, J. S.** (2015). Structured representations in a geometric model of similarity. *Journal of Mathematical Psychology*, 64, 35-43.

12. **Trueblood, J. S.** (2015). Reference point effects in riskless choice without loss aversion. *Decision*, 2(1), 13-26.

11. **Trueblood, J. S.**, Brown, S. D., & Heathcote, A. (2015). The fragile nature of contextual preference reversals: Reply to Tsetsos, Chater, and Usher. *Psychological Review*, 122(4), 848-853.

10. Lorains, F. K., Dowling, N. A., Enticott, P. G., Bradshaw, J. L., **Trueblood, J. S.**, & Stout, J. C. (2014). Response to Turner. *Addiction*,109: 1139-1140. doi: 10.1111/add.12584

9. Lorains, F. K., Dowling, N. A., Enticott, P. G., Bradshaw, J. L., **Trueblood, J. S.**, & Stout, J. C. (2014). Strategic and non-strategic problem gamblers differ on decision making under risk and ambiguity. *Addiction*, 109(7): 1128-37. doi: 10.1111/add.12494

8. **Trueblood, J. S.**, Brown, S. D., & Heathcote, A. (2014). The multi-attribute linear ballistic accumulator model of context effects in multi-alternative choice. *Psychological Review*, 121, 179-205.

7. **Trueblood, J. S.**, Pothos, E. M., & Busemeyer, J. R. (2014). Quantum probability theory as a common framework for reasoning and similarity. *Frontiers in Cognitive Science*, 5, 1-4, doi: 10.3389/fpsyg.2014.00322

6. Pothos, E. M., Busemeyer, J. R., & **Trueblood, J. S.** (2013). A quantum geometric model of similarity. *Psychological Review*, 120, 679-696.

5. **Trueblood, J. S.**, Brown, S. D., Heathcote, A., & Busemeyer, J. R. (2013). Not just for consumers: Context effects are fundamental to decision-making. *Psychological Science*, 24(6), 901-908.

4. **Trueblood, J. S. (2012)**. Multi-alternative context effects obtained using an inference task. *Psychonomic Bulletin & Review*, 19 (5), 962-968 doi: 10.3758/s13423-012-0288-9

3. **Trueblood, J. S.** & Busemeyer, J. R. (2012). A quantum probability model of causal reasoning. *Frontiers in Cognitive Science*, 3, 1-13.

2. Busemeyer, J. R., Pothos, E. M., Franco, R., & **Trueblood, J. S.** (2011). A quantum theoretical explanation for probability judgment errors. *Psychological Review*, 118, 193-218.

1. **Trueblood, J. S.** & Busemeyer, J. R. (2011). A Quantum probability account of order effects in inference. *Cognitive Science*, 35, 1518-1552.

Refereed Conference Papers

26. Hasan E., & ***Trueblood, J. S.** (2024). The Role of Salience in Multialternative Multiattribute Choice. In L. K. Samuelson, S. L. Frank, M. Toneva, A. Mackey, & E. Hazeltine (Eds.), *Proceedings of the 46th Annual Conference of the Cognitive Science Society*. (4419-4426). Austin, TX: Cognitive Science Society.

25. Liu, Y., Wolfe, J. & ***Trueblood, J. S.** (2023). The Impact of Risk and Prevalence on Foraging Behavior in Hybrid Visual Search. In M. Goldwater, F. K. Anggoro, B. K. Hayes, & D. C. Ong (Eds.), *Proceedings of the 45th Annual Conference of the Cognitive Science Society*. (1551-1557). Austin, TX: Cognitive Science Society.

24. Rahgooy, T., Venable, K.B., & **Trueblood, J.S.** (2023). Integrating Machine Learning and Cognitive Modeling of Decision Making. In: Gurney, N., & Sukthankar, G. (eds) *Computational Theory of Mind for Human-Machine Teams. AAAI-FSS 2021. Lecture Notes in Computer Science*, vol 13775, 173-193. Springer, Cham.

23. Hasan E., & ***Trueblood, J. S.** (2022). Representational Smoothing to Improve Medical Image Decision Making. In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Conference of the Cognitive Science Society*. (3318-3324). Austin, TX: Cognitive Science Society.

22. Hasan E., ***Trueblood, J. S.**, Eichbaum, Q., Seegmiller, A. C., & Stratton, C. (2021). Improving Medical Image Decision Making by Leveraging Metacognitive Processes and Representational Similarity. In T. Fitch, C. Lamm, H. Leder, & K. Tessmar-Raible (Eds.), *Proceedings of the 43rd Annual Conference of the Cognitive Science Society*. (230-236). Austin, TX: Cognitive Science Society.

    – Awarded the Computational Modeling Prize for Applied Cognition from the Cognitive Science Society

21. Mistry, P. & ***Trueblood, J. S.** (2018). Redefining heuristics in multi-attribute decisions: A probabilistic framework. In T.T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society*. (780-785). Austin, TX: Cognitive Science Society.

20. Zhao, W. J., Diederich, A., **Trueblood, J. S.**, & Bhatia, S. (2018). Automatic Biases in Intertemporal Choice. In T.T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society*. (1261-1266). Austin, TX: Cognitive Science Society.

19. Mistry, P. & ***Trueblood, J. S.** (2017). An Investigation of Factors that Influence Resource Allocation Decisions. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. J. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society* (pp. 2741-2746). Austin, TX: Cognitive Science Society.

18. **Trueblood, J. S.** & Dasari, A. (2017). The Impact of Presentation Order on the Attraction Effect in Decision-making. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. J. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society* (pp. 3374-3379). Austin, TX: Cognitive Science Society.

17. Yearsley, J. M., Yuan, D., & ***Trueblood, J. S.** (2017). Perceived similarity mediates violations of independence in probabilistic judgments. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. J. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society* (pp. 1397-1392). Austin, TX: Cognitive Science Society.

16. Yin, S. & ***Trueblood, J. S.** (2017). Individual Differences in Gaze Dynamics in Risky Decision-making. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. J. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society* (pp. 1394-1399). Austin, TX: Cognitive Science Society.

15. Yearsley, J. M., ***Trueblood, J. S.**, & Pothos, E. M. (2016). When are representations of causal events quantum versus classical? In Papafragou, A., Grodner, D., Mirman, D., & Trueswell, J.C. (Eds.) *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 2447-2452). Austin, TX: Cognitive Science Society.

14. Guo, L., ***Trueblood, J. S.**, & Diederich, A. (2015). A dual-process model of framing effects in risky choice. In D. C. Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D. Jennings, & P. P. Maglio (Eds.) *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 836-841). Austin, TX: Cognitive Science Society.

13. Mistry, P. K. & ***Trueblood, J. S.** (2015). Reconstructing the Bayesian Adaptive Toolbox: Challenges of a dynamic environment and partial information acquisition. In D. C. Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D. Jennings, & P. P. Maglio (Eds.) *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 1595-1600). Austin, TX: Cognitive Science Society.

12. Mistry, P. K., ***Trueblood, J. S.**, Vandekerckhove, J. & Pothos, E. M. (2015). A latent-mixture quantum probability model of causal reasoning within a Bayesian inference framework. In D. C. Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D. Jennings, & P. P. Maglio (Eds.) *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 1589-1594). Austin, TX: Cognitive Science Society.

11. **Trueblood, J. S.** & Pothos, E. M. (2014). A quantum probability approach to human causal reasoning. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society.* (pp. 1616-1621). Austin, TX: Cognitive Science Society.

10. **Trueblood, J.S.** (2013). A dynamic dual-process model of decision-making under uncertainty. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 1486-1491). Austin, TX: Cognitive Science Society.

9. **Trueblood, J.S.**, Brown, S. D., & Heathcote, A (2013). The multi-attribute linear ballistic accumulator model of decision-making. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 3581-3586). Austin, TX: Cognitive Science Society.

8. Busemeyer, J. R., Wang, Z., & **Trueblood, J. S.** (2012). Hierarchical Bayesian estimation of quantum decision model parameters. In J. R. Busemeyer et al. (Eds.) *QI 2012, LNCS 7620* (pp. 80-89). Berlin, Germany: Springer-Verlag

7. Busemeyer, J. R., & **Trueblood, J. S.** (2011). Theoretical and empirical reasons for considering the application of quantum probability theory to human cognition. In *Proceedings of the Quantum Cognition Meets TARK Workshop* (pp. 12-14). Groningen, Netherlands.

6. **Trueblood, J. S.**, Endres, M. J., Busemeyer, J. R., & Finn, P. R. (2011). Modeling response times in the Go/No-Go Discrimination Task. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 1866-1871). Austin, TX: Cognitive Science Society.

5. **Trueblood, J. S.**, Kachergis, G., & Kruschke, J. K. (2011). A cue imputation Bayesian model of information aggregation. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society* (pp. 1298-1303). Austin, TX: Cognitive Science Society.

4. Busemeyer, J. R., Townsend, J. T., & **Trueblood, J. S.** (2010). What is the evidence for quantum like interference effects in perception? In A. Bastianelli & G. Vidotto (Eds.), Fechner Day 2010. *Proceedings of the 26th Annual Meeting of the International Society for Psychophysics* (pp.133-138). Padua, Italy: The International Society for Psychophysics.

3. Busemeyer, J. R., & **Trueblood, J. S.** (2010). Quantum model for conjoint recognition. In *AAAI Fall Symposium Series* (pp.32-39). Arlington, Virginia: Association for the Advancement of Artificial Intelligence.

2. **Trueblood, J. S.** & Busemeyer, J. R. (2010). A comparison of the belief-adjustment model and the quantum inference model as explanations of order effects in human inference. In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society* (pp. 1166-1171). Austin, TX: Cognitive Science Society.

1. Busemeyer, J.R. & **Trueblood, J.** (2009). Comparison of quantum and Bayesian inference models. In Bruza, P., Sofge, D., Lawless, W., van Rijsbergen, C.J., Klusch, M. (Eds.) *Quantum Interaction: Third International Symposium, QI, LNAI* vol. 5494, pp. 29-43, Springer.

Book Chapters

7. Jaeger, B. C. & **Trueblood, J. S.** (2021). The Power of Sequence: A Quantum Perspective on Legal Decision Making. In S. Grundmann and P. Hacker (Eds.) *Theories of Choice: The Social Science and the Law of Decision Making.* (309-326). Oxford University Press.

6. **Trueblood, J. S.** (2018). In Vivo: Beyond Simple Speeded Choice. In S. Farrell and S. Lewandowsky *Computational Modeling of Cognition and Behavior* (393-394). Cambridge University Press.

5. **Trueblood, J. S.** & Mistry, P. K. (2017). Quantum models of human causal reasoning. In A. Khrennikov and E. Haven (Eds.) *The Palgrave Handbook of Quantum Models in Social Science: Applications and Grand Challenges.* (251-266). Palgrave Macmillian.

4. Barque-Duran, A., Pothos, E. M., Yearsley, J., Hampton, A., Busemeyer, J. R. & **Trueblood, J. S.** (2016). Similarity Judgments: From Classical to Complex Vector Psychological Spaces. In E. Dzhafarov, S. Jordan, R. Zhang, and V. Cervantes (Eds.) *Contextuality from Quantum Physics to Psychology (Advanced Series on Mathematical Psychology).* (pp. 415-447). World Scientific.

3. **Trueblood, J. S.**, Mistry, P. K. & Pothos, E. M. (2016). A Quantum Bayes Net Approach to Causal Reasoning. In E. Dzhafarov, S. Jordan, R. Zhang, and V. Cervantes (Eds.) *Contextuality from Quantum Physics to Psychology (Advanced Series on Mathematical Psychology)*. (pp. 449-463). World Scientific.

2. Busemeyer, J. R. & **Trueblood, J. S.** (2011). Explaining interference effects using quantum probability theory. In H. Colonius and E. Dzhafarov (Eds.) *Descriptive and Normative Approaches to Human Behavior (Advanced Series on Mathematical Psychology)* (pp. 27-50). World Scientific.

1. **Trueblood, J. S.** & Busemeyer, J. R. (2011). Quantum Information Processing Theory. In D. Quinones (Vol. Ed.) and N. M. Seel (Ed. in Chief) *Encyclopedia of the Sciences of Learning* (pp. 2748-2751). New York: Springer.

Presentations

Invited Talks

51. Harnessing Human Uncertainty to Improve AI. *Decision, Experience, and Behavior (DEB) seminar*, https://sites.google.com/view/debseminar/home (2025, November)

   – Virtual talk

50. Improving Human and Machine Decision-making through Cognitive-Inspired Data Engineering. *University of Chicago, Booth School of Business* (2025, April)

   – In person talk; full travel support provided by host

49. Contextual Sensitivity in Multi-alternative Decision-making. *University of Hamburg* (2023, December)

   – Virtual talk

48. Medical Image Perception Biases and their Consequences for AI. *Cognitive Science Colloquium, Indiana University* (2023, October)

   – In person talk

47. Medical Image Perception Biases and their Consequences for AI. *Purdue University* (2023, October)

   – In person talk; full travel support provided by host

46. Leveraging Deep Representations in Cognitive Models of Naturalistic Human Decision-making. *Netflix* (2023, March)

   – Virtual talk

45. Contextual Sensitivity in Multi-alternative Decision-making. *Rady School of Management, University of California, San Diego* (2023, March)

   – In person talk; full travel support provided by host

44. Contextual Sensitivity in Multi-alternative Decision-making. *The Wharton School of the University of Pennsylvania* (2023, February)

   – In person talk; full travel support provided by host

43. Behavioral Science Contributions to Medical Image Decision-making. *Cornell SC Johnson College of Business, Cornell University* (2022, October)

   – In person talk; full travel support provided by host

42. Contextual Sensitivity in Multi-alternative Decision-making. *The Zanvyl Krieger Mind/Brain Institute, Johns Hopkins University* (2022, September)

   – In person talk; full travel support provided by host

41. Behavioral Science Contributions to Medical Image Decision-making. *Sloan-NOMIS Summer School on Cognitive Foundations of Economic Behavior, Vitznau Switzerland* (2022, June)

    – In person talk; full travel support provided by host

40. Contextual Sensitivity in Multi-alternative Decision-making. *Department of Psychological and Brain Sciences, Indiana University Bloomington* (2022, January)

    – In person talk; full travel support provided by host

39. Attentional Dynamics Explain the Elusive Nature of Context Effects. *Social, Economic, and Decision Psychology Research Seminar, University of Basel, Switzerland* (2021, November)

    – Virtual talk

38. Leveraging Deep Representations in Cognitive Models of Naturalistic Human Decision-making. *Cognitive Science Program, Indiana University Bloomington* (2021, October)

    – In person talk; full travel support provided by host

37. Harnessing Machine Intelligence to Understand Naturalistic Human Decision-making. *Department of Psychological & Brain Sciences, University of California Santa Barbara* (2021, September)

    – In person talk; full travel support provided by host

36. Similarity-based Attention Explains the Elusiveness of Context Effects. *Center for Adaptive Rationality, Max Planck Institute for Human Development.* (2021, August)

    – Virtual talk

35. The Dynamics of Contextual Sensitivity in Multi-alternative Choice. *Institute for Mind and Brain Colloquium, University of South Carolina.* (2020, November)

    – Virtual talk

34. Urgency, Leakage, and the Relative Nature of Information Processing in Decision-making. *Institute for the Study of Decision Making, New York University* (2019, October)

    – Full travel support provided by host

33. Prevalence induced Biases in Medical Image Decision-making. Presentation at the *"Cognition and Medical Image Perception Think Tank" meeting at the National Cancer Institute* (2019, September)

    – Full travel support provided by host

32. Urgency, Leakage, and the Relative Nature of Information Processing in Decision-making. Keynote presentation at the *Meeting of the European Mathematical Psychology Group, University of Heidelberg* (2019, August)

    – Full travel support provided by host

31. Understanding and Reducing Diagnostic Errors in Pathology Image-based Decision-making. *Medical College of Georgia, Augusta University* (2019, March)

    – Full travel support provided by host

30. The Dynamics of Information Processing in Decision-making. *Behavioral Science Workshops, Center for Decision Research, The University of Chicago Booth School of Business* (2019, March)

    – Full travel support provided by host through Visiting Scholar position

29. The Dynamics of Context-dependent Preferences. *Behavioral Decision Making Group, UCLA Anderson School of Management* (2018, December)

    – Full travel support provided by host

28. The Dynamics of Contextual Sensitivity in Multi-alternative Choice. *Department of Psychology, Yale University* (2018, October)

    – Full travel support provided by host

27. How the Heck Did I Miss That: What Can Behavioral Science Tell Us about Clinical Pathology? *Annual Meeting of the American Society of Clinical Pathology* (2018, October)

    – Educational session co-presented with Jeremy Wolfe (Harvard Medical School)
    – Partial travel support provided by host

26. The Dynamics of Contextual Sensitivity in Multi-alternative Choice. Keynote presentation at the *The 51st Annual Meeting of the Society for Mathematical Psychology* (2018, July)

    – Partial travel support provided by host

25. The Dynamics of Choice. *Cognitive Science Colloquium, The University of Arizona* (2018, April)

    – Full travel support provided by host

24. A Quantum Probability Approach to Human Inference. *The University of Chicago Booth School of Business* (2017, August)

    – Full travel support provided by host through Kilts Center Visiting Fellow position

23. The Dynamics of Choice. *Mini-symposium hosted by the Graduate School Field Committee in Decision Science, The University of Maryland* (2017, April)

    – Full travel support provided by host

22. The Dynamics of Choice. *Marketing Workshop, The University of Chicago Booth School of Business* (2017, March)

    – Full travel support provided by host

21. A Quantum Probability Framework for Human Probabilistic Inference. *S.C. Johnson Graduate School of Management, Cornell University* (2016, October)

    – Full travel support provided by host

20. A Quantum Probability Framework for Causal Inference. Keynote speaker at the *International Conference on Cognitive Modeling, The Pennsylvania State University* (2016, August)

    – Full travel support provided by host

19. A Quantum Probability Approach to Causal Reasoning. *Summer School in Cognitive Science hosted by the Cognitive Science Institute at the University of Quebec at Montreal* (2016, June)

    – Full travel support provided by host

18. Sequential Sampling Models of Changing Information. *Workshop on Sequential Sampling Models of Decision-making hosted by The Center of Economic Psychology at the University of Basel, Emmetten, Switerzland* (2016, May)

    – Full travel support provided by host

17. Applications of Cognitive Models to Medical Decision-making and Clinical Science. *Quality Scholars Fellowship Program, Department of Veterans Affairs and Vanderbilt School of Nursing* (2016, March).

16. Applications of Cognitive Models to Medical Decision-making and Clinical Science. *Biomedical Informatics Seminar, Vanderbilt School of Medicine* (2016, March).

15. A Quantum Geometric Approach to Causal Reasoning. *School of Psychological Sciences, University of Melbourne, Australia* (2015, May).

14. The Influence of Context and Changing Information on Choice. Job talk at *Carnegie Mellon University, Emory, Ohio State University, Ohio University, University of Colorado Boulder, University of Michigan, Vanderbilt* (2015, January - March)

    – Full travel support provided by hosts

13. A Quantum Bayes Net Approach to Causal Reasoning. *Winer Memorial Lectures, Purdue University* (2014, November).

    – Full travel support provided by host

12. The Role of Context in Multi-alternative Decision-making. *Psychology Department Colloquium Series, University of Kentucky, Lexington* (2014, February).

    – Full travel support provided by host

11. A Quantum Probability Approach to Decision-making and Causal Reasoning. *Psychology Department Colloquium Series, University of Virginia, Charlottesville* (2014, January).

    – Full travel support provided by host

10. A Quantum Probability Approach to Causal Reasoning. *Institute for Mathematical Behavioral Sciences, University of California, Irvine* (2013, December).

9. Applications of Quantum Probability Theory to Decision-making and Causal Reasoning. *Center for Cognitive Science Colloquium, Rutgers University* (2013, October).

    – Full travel support provided by host

8. Quantum Probability Models of Cognition and Decision-making. Tutorial given at the *Interdisciplinary College (IK2013), Günne, Germany* (2013, March).

    – Full travel support provided by host

7. Modeling Order Effects in Inference and Causal Reasoning with Quantum Probability Theory. *Mind, Technology, and Society Talk Series, University of California, Merced* (2013, March).

    – Full travel support provided by host

6. Modeling Human Judgments with Quantum Probability Theory. *Institute for Mathematical Behavioral Sciences, University of California, Irvine* (2012, November).

5. Modeling Human Judgments with Quantum Probability Theory. *Department of Psychology, University of California, San Diego* (2012, October).

    – Full travel support provided by host

4. A Hierarchical Diffusion Model of the Decision Processes of Substance Abusers in the Go/No-Go Discrimination Task. *Cognition and Brain Sciences Seminar, University of Victoria, Canada* (2012, January).

3. A Simple Dynamical Model of Context Effects in Multi-Alternative Decisions. *Center for the Study of Choice, University of Technology Sydney, Australia* (2011, October).

2. Modeling the Decision Processes of Substance Abusers in the Go/No-Go Discrimination Task. *Psychology Colloquium Series, University of Newcastle, Australia* (2011, August)

1. A Quantum Probability Model of Order Effects in Human Inference. *MITACS/PIMS Mathematical Biology Seminar, University of British Columbia, Vancouver, Canada* (2011, March).

Conference Oral Presentations

58. Leveraging Cognitive-Inspired Machine Learning to Understand Multi-Attribute Preference Construction. MathPsych@Psychonomics Satellite Symposium, Denver, Colorado (2025, November)

57. Using Cognitively Structured Neural Networks to Investigate Naturalistic Multi-attribute Choice. Annual Meeting of the Society for Mathematical Psychology, Columbus, Ohio (2025, July)

56. Methods for Improving the Calibration of Elicited Beliefs. Workshop on Methods for Eliciting Belief Distributions, Chicago, Illinois (June, 2025)

55. Leveraging Deep Representations to Investigate Naturalistic Human Decision-making. 2025 Memory and Attention Conference hosted by the Becker Friedman Institute at the University of Chicago, Chicago, Illinois (June, 2025)

54. The Perceptual Bias Cascade in the Medical-AI Information Value Chain. Medical Image Perception Society, Nashville, Tennessee (August, 2024)

53. The Perceptual Bias Cascade in the Medical-AI Information Value Chain. Annual Summer Interdisciplinary Conference, Molveno, Italy (July, 2024)

52. Attentional Dynamics Explain the Elusive Nature of Context Effects in Decision Making. Psychonomic Society Annual Meeting, San Francisco, California (2023, November)

51. Scaling up the Experimental Design Space. Scientific Inference and Statistical Inference Conference, Selva Gardena, Italy (2023, July)

50. Training Machine Learning Models with Labels obtained via Wisdom of the Crowd. The 23rd Annual Summer Interdisciplinary Conference, Kranjska Gora, Slovenia (2023, July)

49. Contextual Sensitivity in Naturalistic Multi-alternative Choice. Annual Meeting of the Society for Mathematical Psychology, University of Amsterdam (2023, July)

48. Contextual Sensitivity in Naturalistic Multi-alternative Choice. The 43rd Annual Conference of the Society for Judgment and Decision, San Diego, California (2022, November)

47. Similarity-based Attention Explains the Elusiveness of Context Effects. The 42nd Annual Conference of the Society for Judgment and Decision, virtual (2022, February)

46. Workshop on Human and Machine Decisions, Neural Information Processing Systems (NeurIPS) Conference, virtual (2021, December)

    – Invited panelist

45. When a gain becomes a loss: The effect of wealth predictions on financial decisions. Psychonomic Society Annual Meeting, virtual (2021, November)

44. When a gain becomes a loss: The effect of wealth predictions on financial decisions. Society for Mathematical Psychology, virtual (2021, July)

43. Leveraging Cognitive and Neural Network Models to Understand and Improve Medical Image Decision-making. 11th annual Interdisciplinary Symposium on Decision Neuroscience, virtual (2021, June)

    – Invited speaker

42. Behavioral Approaches to Financial Decision Making Conference, Fama-Miller Center, University of Chicago, virtual (2020, September)

    – Invited discussant

41. Modeling Context Effects as the Accumulation of Simple Comparisons. The 40th Annual Conference of the Society for Judgment and Decision, Montreal, Canada (2019, November)

40. Urgency, Leakage, and the Relative Nature of Information Processing in Decision-making. Psychonomic Society's 60th Annual Meeting, Montreal, Canada (2019, November)

39. Thinking Fast Does Not Increase Temporal Myopia in Decision-making. The Association for Consumer Research Conference, Atlanta, Georgia (2019, October)

38. Context Effects Explained through the Accumulation of Simple Comparisons. The Association for Consumer Research Conference, Atlanta, Georgia (2019, October)

37. Beliefs about Future Wealth and their Impact on Financial Decisions. The Association for Consumer Research Conference, Atlanta, Georgia (2019, October)

36. Prevalence induced Biases in Medical Image Decision-making, The 52nd Annual Meeting of the Society for Mathematical Psychology, Montreal, Canada (2019, July)

35. Reducing Errors in Pathology Image-based Decisions through Maximum Confidence Slating. Medical Image Perception Society XVIII, University of Utah, Salt Lake Cite, Utah (2019, July)

34. Workshop on Integrating Cognitive and Economic Decision Models. 11th Triennial Invitational Choice Symposium, Chesapeake Bay, Maryland (2019, May)

33. The Influence of Time Pressure and Prevalence in Pathology Image-based Decision-making. Psychonomic Society's 59th Annual Meeting, New Orleans, Louisiana (2018, November)

32. The Reproducibility Crisis and its Relationship to Cognitive Modeling. The 51st Annual Meeting of the Society for Mathematical Psychology, Madison, Wisconsin (2018, July)

31. Investigating the Cognitive Processes in Cancer Image Identification. Psychonomic Society's 58th Annual Meeting, Vancouver, Canada (2017, November)

30. The impact of the strength and duration of early information on perceptual decision-making. The 50th Annual meeting of the Society for Mathematical Psychology, University of Warwick, UK. (2017, August)

29. Using perceptual decision-making to understand preference reversals in multi-attribute choice. Computational and Systems Neuroscience Workshops, Snowbird, Utah. (2017, February).

28. Modeling perceptual decision-making under changing information. Computational and Systems Neuroscience Workshops, Snowbird, Utah. (2017, February).

27. Modeling Changing Information in Perceptual Decision-making. Psychonomic Society's 57th Annual Meeting, Boston, Massachusetts. (2016, November).

    – Partial travel support provided by host

26. Dynamic Models of Changing Information. The 49th Annual meeting of the Society for Mathematical Psychology, New Brunswick, NJ. (2016, August)

25. When are causal representations quantum versus classical? The 15th Annual Summer Interdisciplinary Conference, Selva Val Gardena, Italy. (2016, July).

24. Quantum Models of Human Causal Reasoning. 2016 Information Theory and Applications Workshop, San Diego, California. (2016, February).

    – part of an invited symposium on Non-commutative Probability and Information Models in Inference and Control

23. Modeling Changing Information in Perceptual Decision-making with the Piecewise Linear Ballistic Accumulator Model. The Computational Approaches to Cognition Symposium hosted by the Society for Mathematical Psychology, Chicago, Illinois. (2015, November).

22. The Fragile Nature of Context Effects in Multi-alternative Choice. The 48th Annual meeting of the Society for Mathematical Psychology, Newport Beach, California. (2015, July).

21. A Quantum Probability Approach to Human Causal Reasoning. Australian Mathematical Psychology Conference, Newcastle, Australia. (2015, February).

20. A Quantum Probability Approach to Human Causal Reasoning. Psychonomic Society's 55th Annual Meeting, Long Beach, California. (2014, November).
    – Select-Speaker Award

19. A Quantum Probability Approach to Human Causal Reasoning. The 47th Annual meeting of the Society for Mathematical Psychology, Quebec City, Canada. (2014, July).

18. Quantum refrigerators: A quantum model of conjoint recognition in natural scenes. The 47th Annual meeting of the Society for Mathematical Psychology, Quebec City, Canada. (2014, July).

17. A Quantum Probability Approach to Human Causal Reasoning. The 36th Annual Conference of the Cognitive Science Society, Quebec City, Canada. (2014, July).

16. A Quantum Probability Approach to Causal Reasoning. The 52nd Edwards Bayesian Research Conference, Fullerton, California. (2014, February).

15. A Dynamic Dual-Process Model of Risky Decision-making. The 46th Annual meeting of the Society for Mathematical Psychology, Potsdam, Germany. (2013, August).

14. A Dynamic Dual-Process Model of Decision-making Under Uncertainty. The 35th Annual Conference of the Cognitive Science Society, Berlin, Germany. (2013, August).

13. Modeling Reference Dependent Preference Reversals. The 12th Annual Summer Interdisciplinary Conference, Cortina, Italy. (2013, July).

12. The Multi-attribute Linear Ballistic Accumulator Model of Context Effects in Multialternative Choice. The 33rd Annual Conference of the Society for Judgment and Decision Making, Minneapolis, Minnesota. (2012, November).

11. The Multiattribute Linear Ballistic Accumulator Model of Context Effects in Multi-alternative Choice. Annual meeting of the Society for Mathematical Psychology, Columbus, Ohio. (2012, July).

10. Hierarchical Bayesian Estimation of Quantum Decision Model Parameters. Quantum Interaction, Paris, France. (2012, June).

9. An Investigation of Context Effects in Multi-alternative Choice Behavior. Midwestern Cognitive Science Conference, Bloomington, Indiana. (2012, May).

8. Modeling Response Times in the Go/No-Go Discrimination Task. Annual meeting of the Society for Mathematical Psychology, Boston, Massachusetts. (2011, July).

7. A Cue Imputation Bayesian Model of Information Aggregation. Annual Conference of the Cognitive Science Society, Boston, Massachusetts. (2011, July).

6. A Dynamic Model Response Times in the Go/No-Go Discrimination Task. Midwest Cognitive Science Meeting, East Lansing, Michigan. (2011, April).

5. The 31st Annual Conference of the Society for Judgment and Decision Making, St. Louis, Missouri. (2010, November).

4. What is the Evidence for Quantum Like Interference Effects in Perception? Fechner Day 2010: The 26th Annual Meeting of the International Society for Psychophysics, Padua, Italy. (2010, October).

3. Explaining Order Effects: The Belief-Adjustment Model Versus The Quantum Inference Model. Annual meeting of the Society for Mathematical Psychology, Portland, Oregon. (2010, August).

2. A Comparison of the Belief-Adjustment Model and the Quantum Inference Model as Explanations of Order Effects in Human Inference. Annual Conference of the Cognitive Science Society, Portland, Oregon. (2010, August).

1. An Introduction to the Quantum Inference Model with an Application to Legal Inferences. Annual meeting of the Society for Mathematical Psychology, Amsterdam, Netherlands. (2009, August).

Conference Poster Presentations

9. The Phantom Decoy Effect in Perceptual Decision-making. The 36th Annual Conference of the Society for Judgment and Decision Making, Chicago, Illinois. (2015, November).

8. The Piecewise Linear Ballistic Accumulator Model of Decision-Making Under Changing Information. The 56th Annual Meeting of the Psychonomic Society, Chicago, Illinois. (2015, November).

7. A Quantum Approach to Causal Inference. The 35th Annual Conference of the Society for Judgment and Decision Making, Long Beach, California. (2014, November).

6. Reference-dependent Preference Reversals: A Dynamic Modeling Account. The 34th Annual Conference of the Society for Judgment and Decision Making, Toronto, Canada. (2013, November).

5. The Multi-attribute Linear Ballistic Accumulator Model: A Dynamic Account of Context Effects in Decision-making. The 54th Annual Meeting of the Psychonomic Society, Toronto, Canada. (2013, November).

4. The Multi-attribute Linear Ballistic Accumulator Model of Decision-making. The 35th Annual Conference of the Cognitive Science Society, Berlin, Germany. (2013, August).

3. What is the Evidence for Context Effects in Inference? The 32nd Annual Conference of the Society for Judgment and Decision Making, Seattle, Washington. (2011, November).

2. What is the Evidence for Context Effects in Inference? The 52nd Annual Meeting of the Psychonomic Society, Seattle, Washington. (2011, November).

1. Modeling Response Times in the Go/No-Go Discrimination Task. Annual Conference of the Cognitive Science Society, Boston, Massachusetts. (2011, July).

Teaching

Indiana University, Bloomington

Courses taught as a faculty member (since 2022)
Undergraduate Level

1. P457: The Science of Choice (Spring 2023, Spring 2024)
   – New course in Spring 2023
   – Cross-listed with COGS Q450 in Spring 2024

Vanderbilt University

Undergraduate Level

1. PSY 3755: Behavioral Decision-making (Spring 2017, Fall 2017, Spring 2020, Spring 2021)
   – New course in Spring 2017

Graduate Level

1. PSY 8551 / PSY 8505 : Judgment and Decision-Making (Spring 2016, Spring 2018)
   – New course in Spring 2016 (new course number in Spring 2018)

2. PSY 8551: Bayesian Cognitive Modeling (Fall 2016, Fall 2019)
   – New course in Fall 2016; Significant revision in Fall 2019

3. PSY 6200: Bayesian Modeling with Python (Fall 2020)
   – Previously PSY 8551: Bayesian Cognitive Modeling

4. PSY 6300: Research Seminar (Fall 2021)

University of California, Irvine

Undergraduate Level

1. Decision-making under Uncertainty (Spring 2013, Fall 2014)
   – New course

2. Probability and Statistics II (Winter 2013, 2014, 2015)

Graduate Level

1. Theories in Judgment and Decision-making (Fall 2012, Spring 2014)
   – New course

2. Cognition II (Winter 2014, 2015)
   – New course

Indiana University, Bloomington

Courses taught as a PhD student (prior to 2012)
Undergraduate Level

1. Math & Logic for Cognitive Science (2009)
   – Instructor of record

2. Precalculus Mathematics (2009)
   – Teaching assistant

3. Mathematics for Elementary Teachers (2008)
   – Instructor of record

Research Supervision

Indiana University, Bloomington

Postdoctoral Fellows

1. Yanjun Liu (2022-2023)

2. William Hayes (2022-2023)

Graduate Students

1. Eeshan Hasan, PBS and CogSci (2022-2025)

2. Gunnar Epping, PBS and CogSci (2022-2025)
   – Co-advised with Jerome Busemeyer

3. Phillip Hegeman, PBS and CogSci (2023-present)

4. Hoyoung Doh, PBS and CogSci (2023-present)

5. Mackenzie Siesel, PBS and CogSci (2025-present)

6. Sophia Priatka, PBS and CogSci (2025-present)

Graduate Student Committees

1. Adam Huang, PBS and CogSci (2022-present)

2. Dan Levitas, PBS (2022-2023)

3. Andrew Edinger, CogSci and Informatics (2023-present)

4. Tyler Kelly, PBS and CogSci (2023 - present)

5. Xiaohong Cai, PBS (2024 - 2025)

6. Shanhua Hu, PBS (2025 - present)

7. Zainab Mohamed, PBS and CogSci (2025 - present)

Undergraduate Student Committees

1. Kendall Moore, PBS (2024 - 2025)

2. Hunter James, PBS (2023 - 2024)

Vanderbilt University

Postdoctoral Fellows

1. Yanjun Liu (2020-2022)

2. Kyndra Cleveland (2017-2019)
   – co-advised with Judy Garber and supported by the Academic Pathways postdoctoral program at Vanderbilt

3. Nathan Evans (2017-2018)

4. James Yearsley (2015-2017)

Graduate Students

1. Eeshan Hasan (2019-2022)

2. Adam Ramsey (2019-2023)
   – M.S. 2022

3. Breanna Crane (2017-2018)

4. Siyuan Yin (2016-2017)
   – M.S. 2017

First and Second Year Committees

1. Eeshan Hasan, Chair (1st year: April 29, 2020)

2. Adam Ramsey, Chair (1st year: April 30, 2020)

3. Huiyan Miao (2nd year: April 17, 2020)

4. Breanna Crane, Chair (1st year: April 26, 2018)

5. Jonathan Parillo (1st year: April 24, 2018)

6. Hojin Jang (1st year: April 27, 2017)

7. Lauren Hartsough (1st year: April 22, 2016; 2nd year: April 26, 2017)

Qualifying Exam Committees

1. Lauren Hartsough (May 1, 2018)

2. Siyuan Yin, Chair (June 7, 2017)

3. Jason R. Cody (Computer Science, December 14, 2016)

Dissertation Committees

1. Jason R. Cody (Computer Science, Defense on March 23, 2018)

2. Lauren Hartsough (Psychology, proposal on December 11, 2019, defense on November 13, 2020)

Undergraduate Students

1. Alexandra Cuc, Honors (2020-2021)

2. Ke Lai, Honors (2021-present)

3. Yun-Jang Liu (2020 - 2021)

4. Claire Hanson, Data Science Summer Research Program (2020)

5. Nicole Owens, NSC 3860 (2020 - 2021)

6. Reena Zhang, Honors and Data Science Summer Research Program (2020-2021)

7. Catherine Nayeon Kim (2019)

8. Andrea Liberman, PSY 3840 Directed Study and Honors (2017-2019)

9. Payton O'Daniels, NSF REU student and Research Assistant (2017-2019)

10. Lin Fei, PSY 3840 Directed Study (2017-2018)

11. Kevin Jin, NSF REU student (Spring 2018)

12. Mingqian Wu, PSY 3840 Directed Study (Spring 2018)

13. Aneesha Dasari, NSF REU student, NSC 3861 Directed Study, PSY 3840 Directed Study (2016-2017)

14. Grace Huang, NSF REU student (Spring 2017)

15. Megan Woodruff, NSF REU student (2016-2017)

16. Daier Yun, PSY 3840 Directed Study (2016-2017)

17. Paul Kim, PSY 3840 Directed Study (Fall 2016)

18. Jared Ohlund, NSF REU student (Spring and Summer 2016)

Honors Committees

1. Tiffany Farina (April 21, 2016)

2. Yimin Qui (April 21, 2016)

University of California, Irvine

Graduate Students

1. Percy Mistry (2013-2018)
   – PhD 2018

2. Lisa Guo (2013-2017)
   – PhD 2017

Concentration Exam Committees

1. Percy Mistry, Chair (December 10, 2014)

Advancement Exam Committees

1. Lisa Guo, Co-chair (December 11, 2015)

2. Percy Mistry, Co-chair (July 27, 2015)

3. Kyle Stephens (September 8, 2014)

4. Kalin Agrawal (January 24, 2014)

5. Tomas McIntee (September 19, 2013)

Dissertation Defense Committees

1. Percy Mistry, Co-chair (May 29, 2018)

2. Lisa Guo, Co-chair (May 5, 2017)

Undergraduate Students

1. Emily Liu (2014-2015)

2. Marilisa Raju (2013-2015)

3. Amy Carr (2013-2014)

4. Cordelia Chou (2013-2014)

5. Natalie Rustrian (2014)

6. Sophia Sung (2013-2014)

7. Arjun Corey Bakshi (2013)

Service

Indiana University: Department and University Service

1. Graduate Program Committee, PBS (2024)

2. Co-chair, Faculty 100 Human Intelligence, Artificial Intelligence, and Machine Learning Hiring Committee, PBS and CogSci (2023-2024)

3. Merit Review Committee member, CogSci (Spring 2024)

4. Committee member, Policy and Steering Committee (PostCom), PBS (2023-present)

5. Student Award Committee Member, PBS (2022 - present)

6. Non-Tenure Track Cognitive Psychology Lecturer Hiring Committee, PBS (Spring 2023)

7. Faculty 100 Human and Artificial Intelligence Hiring Committee, PBS and CogSci (Spring 2023)

Vanderbilt University: Department and University Service

1. Director of Graduate Studies, Department of Psychology, Vanderbilt (2021 - 2022)

2. AI Institute Advisory Committee (Spring 2022)

3. Graduate area head for the Cognition and Cognitive Neuroscience group, Department of Psychology, Vanderbilt (2015-2021)

4. Data Science: Next Generation committee, Vanderbilt University (2020)

5. Steering Committee, Parsing the Pandemic: Finding Solutions to COVID-19 (2020 - 2022)
   – Grand Challenge Initiative, Vanderbilt University College of Arts & Science

6. Discovery Grant committee, Vanderbilt University (Spring 2017, 2018)

University of California, Irvine: Department and University Service

1. Panelist, "Negotiating an Academic Job Offer", graduate student workshop organized by the Career Center, University of California, Irvine (September 2013)

2. Conference organizer, "Quantum Thinking Conference", Institute for Mathematical Behavioral Sciences, University of California, Irvine (February 2013)

Professional Service: Leadership Roles

1. Study Group Member, Stockholm Declaration on the Reformation of Science Publishing, Royal Swedish Academy of Sciences (2025)

2. President, Society for Judgment and Decision Making (2025-2026)

3. Program Committee, Society for Judgment and Decision Making (2021-2024)
   – Chair (2024)

4. Member, Committee on Future Directions for Applying Behavioral Economics to Policy, National Academies of Sciences Engineering and Medicine (2022-2023)

5. President, Society for Mathematical Psychology (2017-2019)

6. Board member (elected), Society for Mathematical Psychology (2015 - 2021)
   – President-elect (2016-2017)

7. Advisory board member, Women in Cognitive Science (2014-2023)

8. Co-organizer, Women of Mathematical Psychology Professional Development Symposium (2013-present)

   i. "Networking and Collaboration", The 46th Annual Meeting of the Society for Mathematical Psychology, Potsdam, Germany (August 2013)

   ii. "Negotiation: Data and Advice", The 47th Annual Meeting of the Society for Mathematical Psychology, Quebec City, Canada (July 2014)

   iii. "Demystifying and Mastering the Peer Review Process", The 48th Annual Meeting of the Society for Mathematical Psychology, Newport Beach, California (July 2015)

   iv. "Reaching out from the Ivory Tower: Building Bridges with Industry, Public Policy, and Government", The 49th Annual Meeting of the Society for Mathematical Psychology, New Brunswick, NJ (August 2016)

   v. "CV and Resume Writing Workshop", The 50th Annual Meeting of the Society for Mathematical Psychology, University of Warwick, UK (July 2017)

   vi. "Learning to say no and Saying "Yes" Strategically", The 51st Annual Meeting of the Society for Mathematical Psychology, University of Wisconsin, Madison (July 2018)

   vii. "Effective Communication for Conflict Management", The 52nd Annual Meeting of the Society for Mathematical Psychology, Montreal, Canada (July 2019)

9. Steering committee member, Society for Computers in Psychology (2014-2017)

10. Co-organizer, The 48th Annual Meeting of the Society for Mathematical Psychology, Newport Beach, California (July 2015)

Professional Service: Editorial and Reviewing Roles

1. Co-organizer and Guest Editor, Special Feature 'Dialogues About the Practice of Science' in the *Proceedings of the National Academy of Sciences* (2023-present)

2. Guest Editor, *Proceedings of the National Academy of Sciences* (2022, 2024-2025)
   - invited to serve as an outside editor on submissions

3. Associate Editor, *Cognitive Research: Principles and Implications* (2022-2025)

4. Ad Hoc Panelist, National Science Foundation (June 2023)

5. Associate Editor, *Management Science* (2021-2023)

6. Associate Editor, *Cognitive Psychology* (2020-2021)

7. Panelist, National Science Foundation Methodology, Measurement, and Statistics Program (2019-2021)

8. Consulting Editor, *Behavior Research Methods* (2017 - 2019)

9. Editorial board member, *Decision* (2016-present)

10. Consulting Editor, *Journal of Mathematical Psychology* (2014 - present)

11. Ad Hoc Panelist, National Institutes for Health, Cognition and Perception Study Section (October 2017)

12. Ad Hoc Panelist, National Science Foundation (December 2015)

13. Ad Hoc Reviewer: Air Force Office of Scientific Research; Annual Conference of the Cognitive Science Society; Australian Research Council; Behavioral and Brain Sciences; Canadian Journal of Experimental Psychology; Cognition; Cognitive Psychology; Cognitive Science; Computational Brain & Behavior; Decision; Econometrica; Economic & Social Research Council (United Kingdom); Experimental Psychology; Frontiers in Psychology; Journal of Behavioral Decision Making; Journal of Consumer Research; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Mathematical Psychology; Journal of Memory and Language; Management Science; National Institute for Occupational Safety and Health; National Science Foundation; Nature Neuroscience; Oxford Handbook of Computational and Mathematical Psychology; Perspectives on Psychological Science; PLOS ONE; Proceedings of the National Academy of Sciences; Psychological Science; Psychological Services; Psychonomic Bulletin & Review; Psychological Review; Research Foundation Flanders (FWO); Scientific Reports; Society for Judgment and Decision Making Conference; Thinking & Reasoning; The International Quantum Interaction Conference; Transportation Research Part B; TopiCS; Quarterly Journal of Experimental Psychology

Other Professional Service

1. Panelist, Who Owns Knowledge Infrastructures? Emerging Scholarly Publishing Platforms and Outputs, IU Libraries' Open Access Week (October, 2025)

2. Panelist, Society for Judgment and Decision Making Virtual Doctoral Symposium (June, 2023)

3. Co-organized a Celebration in Honor of Jerome Busemeyer (9 talks, approx. 50 attendees), Indiana University Bloomington (May 2023)

4. Co-organized a panel discussion titled "Models of Behavioral Decision Making" at the Association for Consumer Research (October, 2019)

   – Panel to raise awareness of theoretical and modeling work in psychology and its application to marketing research

5. Co-organizer, "Contemporary Cognitive Approaches to Decision-Making", The 40th Annual Conference of the Cognitive Science Society, Madison, Wisconsin (July 2018)

6. Instructor, "Fifth European Summer School on Computational and Mathematical Modeling of Cognition", Couches, France (July 2018)

7. Panelist, "Workshop on Robust Social Science", St. Petersburg, Florida (June 2018)

8. Co-organizer, "Computational tools for developing and testing models of quantum cognition", supported by the William K. and Katherine W. Estes Fund, University of Warwick, UK (July 2017)

9. Graduate student travel award selection committee, Psychonomic Society (2015)

10. Co-organizer, full-day tutorial "Quantum Models of Cognition and Decision"

    i.   The 36th Annual Conference of the Cognitive Science Society, Quebec City, Canada (July 2014)
    ii. The 37th Annual Conference of the Cognitive Science Society, Pasadena, California (July 2015)
    iii. The 38th Annual Conference of the Cognitive Science Society, Philadelphia, Pennsylvania (August 2016)

11. Program committee, International Quantum Interaction Conference (2014, 2015)

12. Panelist, "Empowering the Miner, Gaps and Needs: A Meeting of Experts", National Research Council, Beckman Center of the National Academies, Irvine, CA (February 2014)

13. Judge, student poster competition, the 33rd, 34th, 35th Annual Conferences of the Society for Judgment and Decision Making (November 2012, 2013, 2014)

Outreach

1. Speaker, Girls Achieving in Non-traditional Subjects (GAINS) program at Santa Clara High School, California (March 2022)

    – Virtual presentation

2. Faculty Mentor, School for Science & Math at Vanderbilt (2020)

    – SSMV offers high school students the opportunity to engage in an independent research project under the mentorship of a research faculty during their junior and senior years

3. Faculty Mentor, Research Experience for High School Students sponsored by the Vanderbilt Center for Science Outreach (2017)

    – 6 week internship for high school students to engage in an independent research project under the mentorship of a research faculty member at Vanderbilt.

4. Volunteer Presenter, TWISTER (Tennessee Women in Science, Technology, Engineering & Research) conference for high school girls (2017)

    – A daylong professional conference for high school girls, presented by women working in STEM (Science, Technology, Engineering and Research) professions.

5. Invited speaker, Arts Appetizer sponsored by the Tennessee Performing Arts Center, Nashville, TN (June 2016)

    – Event with cast members of the national tour of the Broadway musical IF/THEN discussing the impact of everyday choices as portrayed in the show as well as the psychology of human decision-making

Media

1. **Inside Higher Ed**, "Scientific Journals in the Hot Seat" by Kathryn Palmer. (October 2025) Link

2. **National Geographic**, "How COVID-19 is changing our expectations for other vaccines" by Jillian Kramer. (May 2021) Link

3. **Fox 17, WZTV, Nashville, TN**, "Why many first responders across Tennessee aren't getting vaccinated" by Kathleen Jacob. (May 2021) Link

4. **Health**, "What to Say to People Who Still Want to 'Wait and See' Before Getting the COVID-19 Vaccine" by Seraphina Seow. (April 2021) Link

5. **Fox 17, WZTV, Nashville, TN**, "Questions remain unanswered on how TN plans to improve vaccine outreach in rural counties" by Kathleen Jacob. (April 2021) Link

6. **The Conversation**, "Context influences the decisions you make - whether you're a homebuyer, a juror, or a physician" by Jennifer Trueblood. (March 2021) Link

   – republished by **The Philadelphia Inquirer**. (May 2021) Link

7. **WKRN-TV, channel 2, Nashville, TN**, interview with Brooke Reese. (December 2020)

8. **Well + Good**, "Why Changing Your Decision Can Feel Like Failure, Even When It's the Most Responsible Thing To Do" by Korin Miller. (July 2020) Link

9. **Yahoo Life**, "Consipiracy theories around COVID-19 continue to spread. Experts weigh in on why people believe them" by Korin Miller. (July, 2020) Link

10. **WKRN-TV, channel 2, Nashville, TN**, "Vanderbilt University continues research on COVID19 beliefs and behaviors" by CB Cotton. (June 2020) Link