

Peter D. Kvam

Curriculum vitae

Contact

945 Center Dr.
P. O. Box 112250
Gainesville, FL 32611
(+1) 765 426 3631
pkvam@ufl.edu

Education

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|------|--|
| 2017 | Ph.D., Psychology
Michigan State University, East Lansing, MI, USA
Cognition & Cognitive Neuroscience program
Concentration in Quantitative Methods and Evaluation Science |
| 2014 | M.A., Psychology
Michigan State University, East Lansing, MI, USA |
| 2012 | B.S., Psychology
Indiana University, Bloomington, IN, USA
High Distinction (<i>magna cum laude</i>)
Departmental Honors |
| 2012 | B.A., Mathematics & Sociology
Indiana University, Bloomington, IN, USA
High Distinction (<i>magna cum laude</i>) |

Positions Held

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| 2019 – | Assistant Professor
Department of Psychology
University of Florida, Gainesville, FL, USA |
| 2018 – 2019 | Postdoctoral Researcher
Department of Psychology
The Ohio State University, Columbus, OH, USA |

Publications

Books

Hertwig, R., Pleskac, T. J., Pachur, T., & **The Center for Adaptive Rationality*** (2019). *Taming Uncertainty*. Boston, MA: MIT Press. [*includes Kvam, P. D.]

Journal articles

Kvam, P. D. & Turner, B. M. (in press). Reconciling similarity across models of continuous selections. *Psychological Review*. Preprint available at psyarxiv.com/p3fty

Kvam, P. D., Busemeyer, J. R., & Pleskac, T. J. (2021). Temporal oscillations in preference strength: Evidence for an open system model of constructed preference. *Scientific Reports*, *11*, 8169.

Kvam, P. D., Romeu, R. J., Turner, B. M., Vassileva, J., & Busemeyer, J. R. (2021). Testing the factor structure underlying behavior using joint cognitive models: Impulsivity in delay discounting and Cambridge gambling tasks. *Psychological Methods*, *26*(1), 18–37.

Reynolds, A., Garton, R., **Kvam, P. D.**, Griffin, V., Sauer, J., Osth, A. F., & Heathcote, A. (2020). A dynamic model of deciding not to choose. *Journal of Experimental Psychology: General*, *150*(1), 42–66.

Kvam, P. D., & Busemeyer, J. R. (2020). A distributional and dynamic theory of pricing and preference. *Psychological Review*, *127*(6), 1053–1078.

Molloy, M. F., Romeu, R. J., **Kvam, P. D.**, Finn, P. M., Busemeyer, J. R., & Turner, B. M. (2020). Hierarchical Bayesian methods to correct estimation errors in hyperbolic discounting models of intertemporal choice. *Decision* *7*(3), 212–224.

Reynolds, A., **Kvam, P. D.**, Osth, A. F., & Heathcote, A. (2020). Correlated racing evidence accumulator models. *Journal of Mathematical Psychology* *96*, 102331.

Busemeyer, J. R.*, **Kvam, P. D.***, & Pleskac, T. J.* (2020). Comparison of quantum versus Markov dynamics for modeling human evidence accumulation. *WIREs Cognitive Science*, *11*(4), e1526. [*all authors contributed equally to this work]

Rahnev, D., Desender, K., Lee, A. L. F., Adler, W. T., ..., **Kvam, P. D.**, et al. (2020). The confidence database. *Nature Human Behaviour*, *4*(3), 317–325.

Busemeyer, J. R., **Kvam, P. D.**, & Pleskac, T. J. (2019). Markov versus quantum dynamic models of belief change during evidence monitoring. *Scientific Reports* 9, 18025.

Kvam, P. D. (2019). A geometric framework for modeling decisions among arbitrarily many alternatives. *Journal of Mathematical Psychology*, 91, 14–37.

Kvam, P. D. (2019). Modeling accuracy, response time, and bias in continuous orientation judgments. *Journal of Experimental Psychology: Human Perception and Performance*, 45(3), 301–318.

Kvam, P. D. & Hintze, A. (2018). Rewards, risks, and reaching the right strategy: Evolutionary paths from heuristics to optimal decisions. *Evolutionary Behavioral Sciences*, 12(3), 177–190.

Busemeyer, J. R., Fakhari, P., & **Kvam, P. D.** (2017). Possible neural implementation of operations used in quantum cognition. *Progress in Biophysics and Molecular Biology*, 130 (A), 53–60.

Kvam, P. D. & Pleskac, T. J. (2017). A quantum information architecture for cue-based heuristics. *Decision*, 4 (4), 197-233.

Kvam, P. D. & Pleskac, T. J. (2016). Strength and weight: The determinants of choice and confidence. *Cognition*, 152, 170–180.

Kvam, P. D., Pleskac, T. J., Yu, S., & Busemeyer, J. R. (2015). Interference effects of choice on confidence: Quantum characteristics of evidence accumulation. *Proceedings of the National Academy of Sciences*, 112(34), 10645–10650.

Janssen, E., Sanders, S.A., Hill, B. J., Amick, E. E., **Kvam, P. D.**, & Ingelhart, K. N. (2014). Patterns of sexual arousal in young, heterosexual men who experience condom-associated erection problems (CAEP). *Journal of Sexual Medicine*, 11 (9), 2285-2291.

Hill, B. J., Janssen, E., **Kvam, P. D.**, Amick, E. E., & Sanders, S. A. (2014). The effect of condoms on penile vibrotactile sensitivity thresholds in young, heterosexual men. *Journal of Sexual Medicine*, 11 (1), 102-106.

Pleskac, T. J., **Kvam, P. D.**, & Yu, S. (2013). What's the predicted outcome? Explanatory and predictive properties of the quantum probability framework. *Brain and Behavioral Sciences*, 36(3), 303-304.

Book chapters, proceedings, & technical reports

Kvam, P. D., Hintze, A., Pleskac, T. J., & Pietraszewski, D. (2019). Computational Evolution and Ecologically Rational Decision Making. In R. Hertwig, T.J. Pleskac, T. Pachur, & The Center for Adaptive Rationality, *Taming Uncertainty*. MIT Press.

Busemeyer, J. R. & **Kvam, P. D.** (2018). Quantum models of cognition and decision. In W.

Batchelder, H. Colonius, & E. Dzhafarov (Eds.), *New Handbook of Mathematical Psychology, Volume II: Modeling and Measurement* (pp. 185-222). Cambridge University Press.

Kvam, P. D. & Busemeyer, J. R. (2018). Dynamic and distributional properties of prices. In T.T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 655-660). Austin, TX: Cognitive Science Society.

Hintze, A., Edlund, J. A., Olson, R. A., Knoester, D. B., Schossau, J., ..., **Kvam, P. D.**, ..., & Adami, C. (2017). *Markov Brains: A Technical Introduction*. Technical report, arXiv:1709.05601 [cs.AI].

Kvam, P. D. (2016). Geometric representations of evidence in decision-making. In Papafragou, A., Grodner, D., Mirman, D., & Trueswell, J.C. (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1098–1103). Austin, TX: Cognitive Science Society.

Kvam, P. D., Cesario, J., Schossau, J., Eisthen, H., & Hintze, A. (2015) Computational evolution of decision-making strategies. 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 Meeting of the Cognitive Science Society* (pp. 1225–1230). Austin, TX: Cognitive Science Society.

Kvam, P. D., Busemeyer, J. R., & Lambert-Mogiliansky, A. (2014). An empirical test of type-indeterminacy in the Prisoner's Dilemma. In *Quantum Interaction* (pp. 213-224), Springer Berlin Heidelberg.

Kvam, P. D., Pleskac, T. J., Busemeyer, J. R., & Yu, S. (2014). Interference in choice and confidence: Using the quantum random walk to model distributions of confidence. In *Quantum Interaction* (pp. 225–230), Springer Berlin Heidelberg.

Under review

Kvam, P. D., Alaukik, A.*, Mims, C.*, Martemyanova, A.* & Baldwin, M. W. (submitted). Polarization and extremism emerge from rational choice: Estimation as a solution to biased sampling. Preprint available at psyarxiv.com/h9zcv.

Haines, N., **Kvam, P. D.**, & Turner, B. M. (submitted). Bridging the description-experience gap in risky decision-making: Differential learning of positive and negative prediction errors as a causal mechanism.

Haines, N., **Kvam, P. D.**, Irving, L., Smith, C. T., Beauchaine, T. P., Pitt, M. A., Ahn, W-Y., & Turner, B. M. (submitted). Learning from the reliability paradox: How theoretically informed generative models can advance the social, behavioral, and brain sciences. Preprint available at psyarxiv.com/xr7y3

Turner, B. M., Blanco, N. J., Unger, L., **Kvam, P. D.**, Ralston, R., & Sloutsky, V. S. (submitted). Cognitive inertia: When learning distorts reality.

Kvam, P. D., Sokratous, K., Johnson, G., Lin, S. T., & Unruh, E. (submitted). Preference reversals between intertemporal choice and pricing.

Invited Talks

- 11/2020 “Using Bayesian Statistics and Generative Models to Improve the Validity of Health Predictors.” Center for Behavioral Economics in Health Research, University of Florida.
- 10/2020 “Operational and computational definitions in psychology.” Presented at the Mathematical & Computational Psychology colloquium, Department of Psychology, Purdue University.
- 07/2020 “Leveraging distributions of responses to make inferences about cognitive processes involved in pricing.” Presented at the Center for Adaptive Rationality, Max Planck Institute for Human Development.
- 07/2020 “Improving the reliability and validity of health predictors with computational modeling.” Presented at the Neuromedicine Seminar, University of Florida.
- 09/2019 “Cognitive insights from continuous response tasks and modeling approaches.” Presented at the Perception, Neuroimaging, and Modeling Laboratory, Georgia Institute of Technology.
- 10/2017 “The evolution of optimal and heuristic strategies for sequential sampling.” Presented at BEACON Center for the Study of Evolution in Action, Michigan State University.
- 04/2017 “Constructing models of multi-alternative and continuous choice.” Presented at the School of Psychology, University of Newcastle.
- 04/2017 “Constructing models of multi-alternative and continuous choice.” Presented at the School of Psychology, University of New South Wales.
- 03/2017 “A geometric approach to modeling decisions among many alternatives.” Presented at the Department of Psychology, University of Melbourne.
- 10/2016 “Modeling decisions in a world with many options.” Presented at the Center for Adaptive Rationality, Max Planck Institute for Human Development.
- 10/2016 “Geometric representations of psychological relationships in models of decision-making among many alternatives.” Presented at the Laboratory of Mind, Machine, and Mathematics, University of Michigan.

- 09/2016 “A geometric framework for modeling accuracy and response times in decisions among many alternatives.” Presented at the Mathematical and Computational Cognitive Science colloquium, Purdue University.
- 04/2016 “Decisions along a continuum: Modeling evidence accumulation in psychological spaces.” Presented at the Department of Psychology & Decision Sciences Collaborative, The Ohio State University.
- 02/2015 “Computational models of cognitive dissonance effects.” Presented at the Center for Adaptive Rationality, Max Planck Institute for Human Development.

Workshops

- 04/2020 Deep learning and Artificial Intelligence in Psychology. Semester-long workshop and reading group. University of Florida.
- 08/2020 Full week workshop on Bayesian methods in psychological science. University of Florida.
- 07/2018 Full day tutorial on Quantum Models of Cognition and Decision, *The 40th Annual Meeting of the Cognitive Science Society*. Madison, WI, USA.
- 08/2016 Full day tutorial on quantum models of cognition and decision. *The 38th Annual Meeting of the Cognitive Science Society*. Philadelphia, PA, USA.
- 08/2015 Full day tutorial on quantum models of cognition and decision. *The 37th Annual Meeting of the Cognitive Science Society*. Pasadena, CA, USA.
- 08/2014 Full day workshop on quantum models of cognition. *The 36th Annual Meeting of the Cognitive Science Society*. Quebec City, QC, Canada.
- 09/2013 “Introduction to experiment design and analysis in MATLAB and Psychtoolbox 3.” Presented at the 3-day workshop on PsychoPy & Python programming. Michigan State University, East Lansing, MI, USA.

Conference presentations

Talks

- Kvam, P. D.**, Haines, N., & Turner, B. M. (2020). Computational models enhance test-retest reliability of behavioral measures of individual differences. *Psychonomic Society 61st Annual Meeting*. Virtual Conference.
- Turner, B. M., Blanco, N., Unger, L., Kvam, P. D., Ralston, R. & Sloutsky, V. (2020). Cognitive

- Inertia: When Learning Distorts Reality. *Psychonomic Society 61st Annual Meeting*. Virtual Conference.
- Kvam, P. D.** (2020). Constraints on continuous models applied to binary and multi-alternative choice. *The 53rd Annual Meeting of the Society for Mathematical Psychology*. Virtual Conference.
- Reynolds, A., Osth, A., **Kvam, P. D.**, & Heathcote, A. (2020). What do confidence and response time tell us about accuracy (and a model)? *Australasian Mathematical Psychology Conference*. Sydney, NSW, Australia.
- Palestro, J. J., **Kvam, P. D.**, Molloy, M. F., Keyser, C., Tsetsos, K., & Turner, B. M. (2019). Decisions and Dynamic Evidence. *The 52nd Annual Meeting of the Society for Mathematical Psychology*. Montreal, QC, Canada.
- Bahg, G., Hsu, P., Galdo, B. M., **Kvam, P. D.**, & Turner, B. M. (2019). A Model-based Explanation of Adaptive Feature-based Learning and Decision. *The 52nd Annual Meeting of the Society for Mathematical Psychology*. Montreal, QC, Canada.
- Kvam, P. D.**, Romeu, R. J.*, Turner, B. M., Busemeyer, J. R., & Vassileva, J. (2019). A Bayesian joint model of two similar but separable neurocognitive tasks. *The 52nd Annual Meeting of the Society for Mathematical Psychology*. Montreal, QC, Canada. [*presenting author]
- Kvam, P. D.** & Turner, B. M. (2019). Reconciling similarity in models of continuous report . *The 52nd Annual Meeting of the Society for Mathematical Psychology*. Montreal, QC, Canada.
- Haines, N., **Kvam, P. D.**, & Turner, B. M. (2019). Bridging the description-experience gap in risky decision-making: Risk sensitive learning as a causal mechanism. *The 52nd Annual Meeting of the Society for Mathematical Psychology*. Montreal, QC, Canada.
- Kvam, P. D.** & Busemeyer, J. R. (2018). Dynamics and distributions of price judgments. *The 39th Annual Meeting of the Society for Judgment and Decision Making*. New Orleans, LA, USA.
- Kvam, P. D.** & Busemeyer, J. R. (2018). Dynamic and distributional properties of prices. *The 40th Annual Meeting of the Cognitive Science Society*. Madison, WI, USA.
- Busemeyer, J. R., **Kvam, P. D.**, & Pleskac, T. J. (2018). Comparing Markov versus quantum dynamic models of changes in confidence during evidence monitoring. *The 40th Annual Meeting of the Cognitive Science Society*. Madison, WI, USA.
- Romeu, R. J., **Kvam, P. D.**, Busemeyer, J. R., & Vassileva, J. (2018). Testing the connection between two neurocognitive tasks via a latent impulsivity construct. *The 51st Annual Meeting of the Society for Mathematical Psychology / International Conference on Cognitive Modeling 2018*. Madison, WI, USA.
- Kvam, P. D.** & Busemeyer, J. R. (2018). Modeling the dynamic and distributional properties

- of price judgments. *The 51st Annual Meeting of the Society for Mathematical Psychology / International Conference on Cognitive Modeling 2018*. Madison, WI, USA.
- Kvam, P. D. & Hintze, A.** (2017). The evolution of optimal and heuristic strategies for sequential sampling. *The 50th Annual Meeting of the Society for Mathematical Psychology / International Conference on Cognitive Modeling 2017*. Coventry, UK.
- Kvam, P. D. & Pleskac, T. J.** (2017). Strength and weight: Two dimensions of evidence in choice and confidence. *The 44th Annual Australasian Experimental Psychology Conference*. Newcastle, NSW, Australia.
- Kvam, P. D.** (2017). Modeling decisions among psychologically related alternatives. *The 2017 Australasian Mathematical Psychology Conference*. Brisbane, QLD, Australia.
- Kvam, P. D.** (2016). A geometric framework for modeling decisions among many alternatives. *The 49th Annual Meeting of the Society for Mathematical Psychology*. New Brunswick, NJ, USA.
- Kvam, P. D. & Pleskac, T. J.** (2015). Dynamic dissonance effects: Predicting post-decision preferences. *The 25th Subjective Probability, Utility, and Decision Making Conference*. Budapest, Hungary.
- Kvam, P. D. & Pleskac, T. J.** (2015). Dynamic accounts of cognitive dissonance findings. *The 48th Annual Meeting of the Society for Mathematical Psychology*. Newport Beach, CA, USA.
- Kvam, P. D., Cesario, J., Schossau, J., Eisthen, H., & Hintze, A.** (2015). Computational evolution of decision-making strategies. *The 37th Annual Meeting of the Cognitive Science Society*. Pasadena, CA, USA.
- Kvam, P. D., Pleskac, T. J., Yu, S. & Busemeyer, J. R.** (2014). Interference effects of choice on confidence reveal quantum nature of evidence accumulation. *The 47th Annual Meeting of the Society for Mathematical Psychology*. Quebec City, QC, Canada.
- Kvam, P. D. & Pleskac, T. J.** (2014). The strength and weight of evidence in choice and confidence. *The 4th Annual Midwest Cognitive Science Conference*. Dayton, OH, USA.
- Kvam, P. D.** (2014). Using Bayesian model comparison to test cognitive theories. *The 6th Annual Graduate Academic Conference*. East Lansing, MI, USA.
- Busemeyer, J. R., Wang, J., Pleskac, T. J. & **Kvam, P. D.** (2013). Markov versus quantum random walk models of decision making. *The 46th Annual Meeting of the Society of Mathematical Psychology*. Potsdam, Germany.
- Kvam, P. D., Busemeyer, J. R., & Lambert-Mogiliansky, A.** (2013). An empirical test of type indeterminacy in the Prisoner's Dilemma. *Quantum Interaction 2013*. Leicester, Leicestershire, UK.

Kvam, P. D., Pleskac, T. J., & Busmeyer, J. R. (2013). Interference effects from choice on confidence. *The 3rd Annual Midwest Cognitive Science Conference*. Columbus, OH, USA.

Kvam, P. D. (2013). Using quantum probability to model cognitive processes. *The 5th Annual Graduate Academic Conference*. East Lansing, MI, USA.

Hill, B.J., **Kvam, P. D.**, Janssen, E., Amick, E., & Sanders, S. (2012). The effects of condoms on penile sensitivity in young heterosexual men: Preliminary findings. *Eastern / Midcontinent Joint Regional Meeting of the Society for the Scientific Study of Sexuality*. Bloomington, IN, USA.

Kvam, P. D. & Busmeyer, J. R. (2012). Cheap talk and the Prisoner's Dilemma. *The 4th Annual Midwest Undergraduate Cognitive Science Conference*. Bloomington, IN, USA.

Sawada, T., Sebastian, S., Catrambone, J., **Kvam, P. D.**, & Pizlo, Z. (2009). Towards a new theory of figure-ground organization. *Configural Processing Consortium*. Boston, MA, USA.

Posters

Haines, N., **Kvam, P. D.**, Smith, C. T., & Irving, L. (2021). Computational models enhance test-retest reliability of behavioral measures of individual differences. Presented at Society for Personality and Social Psychology Conference 2021. Virtual Conference.

Kvam, P. D. (2020). The importance of quantitative theory for reproducible science. Research Reproducibility Conference 2020. Virtual Conference.

Kvam, P. D., Romeu, R., Turner, B. M., Vassileva, J. & Busmeyer, J. R. (2018). Connecting behavior across tasks using joint cognitive models: Impulsivity in delay discounting and Cambridge gambling tasks. *The 59th Annual Meeting of the Psychonomic Society*. New Orleans, LA, USA. [Winner of poster award: APA Division 3]

Kvam, P. D., Marley, A. A. J., & Heathcote, A. (2018). Modeling discrete and continuous magnitude estimation judgments. *The 7th Annual Midwest Cognitive Science Conference*. Bloomington, IN, USA.

Kvam, P. D. & Heathcote, A. (2017). Absolute identification on a continuum. *The 58th Annual Meeting of the Psychonomic Society*. Vancouver, BC, Canada.

Kvam, P. D. (2017). A geometric framework for modeling decisions among many alternatives. *Society for Mathematical Psychology / Psychonomics satellite meeting*. Vancouver, BC, Canada.

Kvam, P. D. (2016). Geometric representations of evidence in models of decision-making. *The 38th Annual Conference of the Cognitive Science Society*. Philadelphia, PA, USA.

Kvam, P. D., DeKay, M. L., & Pleskac, T. J. (2015). A model of predecisional information dis-

tortion. *The 36th Annual Meeting of the Society for Judgment and Decision Making*. Chicago, IL, USA.

Kvam, P. D. & Pleskac, T. J. (2014). The time course of preference formation: Quantitative process model predictions for cognitive dissonance effects. *The 35th Annual Meeting of the Society for Judgment and Decision Making*. Long Beach, CA, USA.

Kvam, P. D. & Pleskac, T. J. (2014). The strength and weight of evidence in choice and confidence. *The 36th Annual Meeting of the Cognitive Science Society*. Quebec City, QC, Canada.

Kvam, P. D., Pleskac, T. J., & Busemeyer, J. R. (2013). The effects of choosing on subsequent confidence: Tests of a quantum model of decisions and judgments. *The 34th Annual Meeting of the Society for Judgment and Decision Making*. Toronto, ON, Canada.

Kvam, P. D., Pleskac, T. J., Busemeyer, J. R., & Yu, S. (2013). Interference in choice and confidence: Using the quantum random walk to model distributions of confidence. *Quantum Interaction 2013*. Leicester, Leicestershire, UK.

Kvam, P. D., Busemeyer, J. R., & Lambert-Mogiliansky, A. (2012) A type-indeterminate model of cheap talk in the Prisoner's Dilemma. *The 33rd Annual Meeting of the Society for Judgment and Decision Making*. Minneapolis, MN, USA.

Kvam, P. D., Busemeyer, J. R., & Lambert-Mogiliansky, A. (2012) Impact of cheap talk promises on decision-making in the Prisoner's Dilemma. *The 2nd Annual Midwest Cognitive Science Conference*. Bloomington, IN, USA.

Catrambone, J., Sebastian, S., **Kvam, P. D.**, Sawada, T., Steinman, R.H., & Pizlo, Z. (2010). A new approach to modeling figure-ground organization. *Annual Meeting of the Vision Sciences Society*. Naples, FL, USA.

Honors, Awards, & Grants

2018	Early Career Award Runner-up, Society for Experimental Psychology & Cognitive Science (APA Division 3)
2017	Travel Award, Society for Mathematical Psychology & International Conference on Cognitive Modeling
2016 – 2017	Graduate Research Opportunities Worldwide [GROW] Australia Grant, National Science Foundation (Total: \$20,000)
2014 – 2017	Graduate Research Fellowship, National Science Foundation (Total: \$136,000)
2016	Young Scientist Travel Award, Cognitive Science Program, Indiana University

2014 – 2016	Student Travel Award, Society for Mathematical Psychology
2014	Cognitive Science Program Travel Award, Michigan State University
2013 – 2014	Teaching Assistant Award, Department of Psychology, Michigan State University
2013	Conference Travel Award, Council of Graduate Students [COGS], Michigan State University
2012	Excellence in Research Award, Psychological & Brain Sciences, Indiana University
2011 – 2012	Hutton Honors College Research Grant, Indiana University

Visiting Research Positions Held

2017	Visiting Researcher Tasmanian Cognition Laboratory University of Tasmania, Hobart, Tasmania, Australia PI: Andrew Heathcote
2014 – 2015	Visiting Researcher Center for Adaptive Rationality Max Planck Institute for Human Development, Berlin, Germany Director: Ralph Hertwig

Teaching Experience

University of Florida

	Instructor (Assistant Professor), Department of Psychology
Spring 2021	Decisions & Judgment (Hybrid in-person / online due to COVID-19)
Fall 2020	Psychological & Behavioral Modeling (online due to COVID-19)
Spring 2020	Decisions & Judgment (50% online due to COVID-19)
Fall 2019	Decisions & Judgment

Michigan State University

	Laboratory Instructor, Department of Psychology
Fall 2013	Research Design & Measurement in Psychological Research
	Guest Lecturer
Spring 2014	Graduate Seminar on Cognitive Modeling.

Spring 2014 | Research Design & Measurement in Psychological Research
Fall 2013 | Introduction to Psychology

University of Michigan

Fall 2016 | **Guest Lecturer**
Mathematical Psychology (Graduate & Undergraduate)

Indiana University

Fall 2010 | **Undergraduate TA, Department of Psychological & Brain Sciences**
Social Psychology & Individual Differences
Spring 2011 | Planning Your Psychology Career

Service

2021 | Poster judge, North-Central Florida Chapter of the Society for Neuroscience
2020 – 2021 | Equitable Artificial Intelligence Committee, University of Florida.
2019 | Organizing committee, 2019 Midwest Cognitive Science Conference. The Ohio State University.
2016 | Graduate Student Evaluator, University Undergraduate Research & Arts Forum [UURAF]. Michigan State University.
2015 | Application Evaluation Committee, The 14th Summer Institute on Bounded Rationality. Max Planck Institute for Human Development.
2013 – 2014 | Student Representative, Cognitive Forum. Cognitive Science / Cognition & Cognitive Neuroscience programs, Michigan State University.
2013 | Poster judge, University Undergraduate Research & Arts Forum [UURAF]. Michigan State University.
2013 | Organizer for PsychoPy & Python programming workshop, taught by Jeremy Gray. Michigan State University.

Reviewing

Ad hoc | *Applied Cognitive Psychology*
Behavioral Research Methods (2)
Cambridge Handbook of Computational Cognitive Sciences

Cognition (7)
Cognitive Psychology (4)
Cognitive Research: Principles and Implications
Cognitive Science (2)
Computational Brain & Behavior (3)
Current Biology
Decision (8)
Entropy
Evolutionary Behavioral Sciences (2)
IEEE Biology (3)
Journal of Behavioral Decision Making (2)
Journal of Experimental Psychology: Applied (2)
Journal of Experimental Psychology: General (7)
Journal of Experimental Psychology: Learning, Memory, and Cognition (4)
Journal of Experimental Social Psychology
Journal of Mathematical Psychology (12)
Journal of Neuroscience, Psychology, and Economics
Judgment and Decision Making
Management Science
Medical Decision Making (2)
Memory & Cognition
Nature Communications
Open Mind: Discoveries in Cognitive Science (2)
Organizational Behavior and Human Decision Processes
Oxford Handbook of Computational and Mathematical Psychology
PLOS: Biology (3)
PLOS: Computational Biology
Proceedings of the Annual Conference of the Cognitive Science Society (11)
Psychological Bulletin & Review
Psychological Review (6)
Psychological Science (2)
Psychometrika (3)
Scientific Reports (3)

Professional Development

- 2018 | Time series analysis (led by Jerome Busemeyer). 40-hour course. Indiana University, Bloomington, IN, USA.
- 2016 | Bayesian Estimation of Evidence Accumulation Architectures in Neuroscience and Cognition (led by Andrew Heathcote, Scott Brown, Brandon Turner, Dora Matzke, Maxim Bushmakin, & Marc Howard). 40-hour workshop. Estes Workshop, Boston University, Boston, MA, USA.

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| 2014 | The 13th Summer Institute on Bounded Rationality (directed by Gerd Gigerenzer & Ralph Hertwig). Organized by the Centers for Adaptive Rationality and Adaptive Behavior and Cognition at the Max Planck Institute for Human Development. Berlin, Germany. |
| 2014 | Image-guided trans-cranial magnetic stimulation (TMS) training, using Brain-sight & Magstim (1-day workshop, taught by Rogue Research staff). Michigan State University, East Lansing, MI, USA. |
| 2014 | Introduction to functional magnetic resonance imaging (functional connectivity and BOLD analysis using AFNI, taught by David Zhu). 40-hour course. Michigan State University, East Lansing, MI. |
| 2013 | Doing Bayesian Data Analysis (summer course, taught by John Kruschke). Inter-university Consortium for Political and Social Research [ICPSR], Summer Program in Quantitative Methods of Social Research. 40-hour course. Indiana University, Bloomington, IN, USA. |
| 2013 | PsychoPy & Python programming workshop (3-day workshop, taught by Jeremy Gray). 10-hour workshop. Michigan State University, East Lansing, MI, USA. |

Professional Affiliations

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| Member | American Psychological Association (Division 3, Division 5) |
| Member | Association for Psychological Science |
| Member | Cognitive Science Society |
| Member | Psychonomic Society |
| Member | Society for Judgment & Decision Making |
| Member | Society for Mathematical Psychology |

References

Timothy J. Pleskac
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Jerome R. Busemeyer
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Andrew Heathcote
Professor of Cognitive Psychology
School of Medicine, Division of Psychology
University of Tasmania
Private Bag 30, Sandy Bay, Tasmania 7005
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andrew.heathcote@utas.edu.au

Brandon Turner
Associate Professor
Department of Psychology
The Ohio State University
1827 Neil Avenue, Columbus, Ohio 43210
turner.826@osu.edu