

Brandon M. Turner

Assistant Professor
Department of Psychology
The Ohio State University
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Education

Ph.D. in Quantitative Psychology, The Ohio State University, 2008-11

Advisor: Trisha Van Zandt

Master of Applied Statistics, The Ohio State University, 2008-11

Master of Arts in Quantitative Psychology, The Ohio State University, 2008-09

Bachelor of Science in Psychology, Cum Laude, Missouri State University, 2004-08

Bachelor of Science in Mathematics, Cum Laude, Missouri State University, 2004-08

Minor in Computer Science.

Employment

Assistant Professor

September 2014 to present

The Ohio State University

Assistant professor in the cognitive area of the psychology department. Responsible for mentoring students, teaching courses, servicing the university, and conducting scholarly research.

Fellow in the Center for Mind, Brain and Computation *September 2012 to September 2014*
Stanford University

Responsible for helping to organize the colloquium series offered by the Center for Mind, Brain and Computation. As part of the fellowship, I teach one course per year on using Bayesian statistics for computational cognitive models.

Postdoctoral Fellowship

September 2012 to September 2014

Stanford University

Primary Advisor: James McClelland

The primary goal of the fellowship is to further extend likelihood-free methods of Bayesian inference to general, hierarchical, and nonparametric settings for complex, stochastic models of decision making in neuroscience.

Postdoctoral Researcher

September 2011 to September 2012

University of California, Irvine

Primary Advisor: Mark Steyvers

Secondary Advisors: Michael Lee, Bill Batchelder

We investigated novel approaches for aggregating forecasting judgments across experts in the intelligence community. This was a collaborative effort with six other universities and a defense contractor.

Statistical Consultant
The Ohio State University

August 2009 to June 2011

Statistical consultant for the psychology department, primary duties included applying item response theory to Psychology 100 examinations, interpreting the results, and helping to improve the measurement quality of the exams.

Graduate Teaching Associate
The Ohio State University

August 2008 to June 2011

Preparation and presentation of lectures, preparing syllabi, preparing homework, supervision of group work, grading homework, tests and quizzes. Psychology 321 is an undergraduate course whereas Psychology 826-7-8 are graduate-level courses.

PSYCH 321	Statistical Methods in Psychology	Autumn 2008, Winter 2009, Spring 2009
PSYCH 826	Statistics in Psychology	Autumn 2009, Autumn 2010
PSYCH 827	Analysis of Variance	Winter 2010, Winter 2011
PSYCH 828	Correlational Analysis	Spring 2010, Spring 2011

Professional Memberships

- Member of the American Psychological Association
- Member of the Cognitive Science Society
- Member of the International Society for Bayesian Analysis
- Member of the Psychometric Society
- Member of the Psychonomic Society
- Member of the Society for Mathematical Psychology
- Member of the Society for Neuroscience

Professional Service

- Ad Hoc Journal Reviewer for *Cognition*, *Cognitive Psychology*, *eLife*, *Journal of Mathematical Psychology*, *Journal of Memory and Language*, *Journal of Personality Assessment*, *NeuroImage*, *PLOS Computational Biology*, *PLOS ONE*, *Psychological Methods*, *Psychological Review*, *Psychonomic Bulletin and Review*, *Psychophysiology*, *SAGE Open*, and *Trends in Cognitive Science*.
- Organizing Committee: Symposium on Innovative Bayesian Methodology at the 2012 Meeting of the Society for Mathematical Psychology
- Organizer: Symposium on Jointly Modeling Behavioral and Neural Measures of Cognition at the 2013 Meeting of the Society for Mathematical Psychology
- Organizer (joint with Andrew Heathcote and Scott Brown): Workshop on Estimating Parameters of Accumulator Models at the Annual Meeting for the Cognitive Science Society.
- Guest Editor (joint with Thomas Palmeri and Bradley Love): Special Issue entitled “Integrating Neural and Behavioral Measures of Cognition” at the *Journal of Mathematical Psychology*
- Organizer (joint with Andrew Heathcote, Scott Brown, Dora Matzke, Marc Howard, Guy Hawkins, and Maxim Bushmakin): Training Grant for a four day workshop on Bayesian Estimation of Evidence Accumulation Architectures in Neuroscience and Cognition, to be held at Psychonomics, 2016.

- Editor: Associate on the editorial board of *Decision* since 2017.

Awards and Honors

- William K. Estes Early Career Award, Society for Mathematical Psychology (July, 2016)
- Fred Brown Research Award, Department of Psychology OSU (April, 2016)
- R. Duncan Luce best paper award 2011-13, Society for Mathematical Psychology (July, 2014)
- Ruth L. Kirschstein National Research Service Award (NRSA), NIH (June, 2012)
- Psychometrika Dissertation Award, Psychometric Society (June, 2012)
- Bennet B. Murdock Award, CEMS (August, 2011)
- Graduate Student Research Excellence Award, The Ohio State University (May, 2011)
- Institute for Perception Award (March, 2011)
- Student Travel Award, Society for Mathematical Psychology (2009, 2010, 2011)
- Arbuckle Leadership Award, Missouri State University (May, 2008)
- Maxwell Research Award, Missouri State University (May, 2008)
- Top Paper Award, Kappa Mu Epsilon Honor Society (March, 2008)
- Top Poster Award, Great Plains Psychology Conference (October, 2007)

Ongoing Research Support

FA8650-16-1-6770: Air Force Research Lab

09/30/2016 – 03/31/2019

SUPREME: Sensing to understanding and prediction realized via an experiment and modeling ecosystem

Role: co-PI

Amount: \$1,216,368

The major goal of this research is to develop a battery for assessing cognitive performance, methods for detecting changes in cognitive function, and methods for optimizing information gain within the assessment.

NIH: P01HD080679

9/1/2016 – 8/31/2021

Development and Neurobiology of Categorization

Role: co-PI

Amount: \$5,772,969

The major goal of this research is to use a cross disciplinary approach ranging from pigeon studies, fMRI data, and computational theories to better understand the neural basis of categorization.

NCS-FO: Collaborative Research, SMA-1533500

8/1/2015 – 7/31/2019

Understanding Individual Differences in Cognitive Performance: Joint Hierarchical Bayesian Modeling of Behavioral and Neuroimaging Data

Role: co-PI

Amount: \$432,165

The major goal is to develop and apply a joint hierarchical Bayesian framework to model behavioral

and neuroimaging data to understand individual differences in cognitive performance.

Completed Research Support

William K. and Katherine W. Estes Fund

1/13/2016 – 11/20/2016

Bayesian Estimation of Evidence Accumulation Architectures in Neuroscience and Cognition

Role: co-PI

This proposal is for an advanced training grant on Bayesian estimation of evidence accumulation models that are popular in cognitive science and neuroscience. The venue for this training series is a four day workshop at Psychonomics in November, 2016.

National Research Service Award: 1F32GM103288-01

9/24/12 – 9/23/14

Analyzing Complex Stochastic Models using Approximate Bayesian Computation

Role: PI

The award is meant to support the investigation of complex, stochastic, neutrally-inspired architectures of human cognition using techniques developed for performing approximate Bayesian computation.

Supervision

- Peter Kvam, Ph.D., Postdoctoral Researcher, 8/2018 – current
- Ting Wang, Ph.D., Postdoctoral Researcher, 8/2015 – 8/2016
- James Palestro, Graduate Student, 8/2015 – current
- Giwon Bahg, Graduate Student, 8/2016 – current
- Qingfang Liu, Graduate Student, 8/2016 – current
- Matthew Galdo, Graduate Student, 8/2018 – current
- Fiona Molloy, Graduate Student, 8/2018 – current
- Woojong Yi, Graduate Student, 8/2018 – current

Peer Reviewed Journal Publications

Molloy, M. F., Galdo, B. M., Bahg, G., Liu, Q., and Turner, B. M. (in press). What's in a Response Time?: On the Importance of Response Time Measures in Constraining Models of Context Effects. In press at *Decision*.

Turner, B. M. (in press). Toward a common representational framework for adaptation. In press at *Psychological Review*.

Turner, B. M., McClelland, J. L., and Busemeyer, J. (in press). Bayesian Statistics to Assess Bayes Optimality. In press at *Behavioral and Brain Sciences*.

Turner, B. M., Miletic, S., and Forstmann, B. U. (in press). Deep Neural Networks and Computational Cognitive Modeling. In press at *NeuroImage*.

Busemeyer, J., Gluth, S., Rieskamp, J., and Turner, B. M. (2019). Cognitive and neural bases of multi-attribute, multi-alternative, value-based decisions. *Trends in Cognitive Science*. 23, 251-263.

- Molloy, M. F., Bahg, G., Li, X., Steyvers, M., Lu, Z.-L., and Turner, B. M. (2018). Hierarchical Bayesian Analyses for Modeling BOLD Time Series Data. *Computational Brain and Behavior*. 2, 184-213.
- Palestro, J. J., Bahg, G., Sederberg, P. B., Lu, Z.-L., Steyvers, M., and Turner, B. M. (2018). A Tutorial on Joint Models of Neural and Behavioral Measures of Cognition. *Journal of Mathematical Psychology*. 84, 20-48.
- Palestro, J. J., Weichart, E., Sederberg, P. B., and Turner, B. M. (2018). Some Tasks Demands Induce Collapsing Bounds: Evidence from a Behavioral Analysis. *Psychological Bulletin and Review*. 25, 1225-1248.
- Turner, B. M., Rodriguez, C. A., Liu, Q., Molloy, M. F., Hoogendijk, M., and McClure, S. M. (2018). On the Neural and Mechanistic Bases of Self-Control. *Cerebral Cortex*. 1-19.
- Turner, B. M., Schley, D., Muller, C., and Tsetsos, K. (2018). Competing models of multi-attribute, multi-alternative preferential choice. *Psychological Review* 125, 329-362.
- Turner, B. M. and Van Zandt (2018). Approximating Bayesian Inference through Model Simulation. *Trends in Cognitive Science*. 22, 826-840.
- Turner, B. M., Gao, J., Koenig, S., Palfy, D., and McClelland, J. L. (2017). The averaging diffusion model: A model of the perceptual time course of multimodal integration. *Psychonomic Bulletin and Review*. 24, 1819-1843.
- Miletic, S., Turner, B. M., Forstmann, B. U., and Van Maanen, L. (2017). Parameter recovery for the Leaky, Competing Accumulator Model. *Journal of Mathematical Psychology*. 76, 25-50.
- Palmeri, T. J., Love, B. C., and Turner, B. M. (2017) Model-based cognitive neuroscience. *Journal of Mathematical Psychology*. 76, 59-64.
- Turner, B. M., Forstmann, B. U., Love, B. C., Palmeri, T. J., and Van Maanen, L. (2017) Approaches to analysis in model-based cognitive neuroscience. *Journal of Mathematical Psychology*. 76, 65-79.
- Turner, B. M., Wang, T., and Merkle, E. (2017). Factor analysis linking functions for simultaneously modeling neural and behavioral data. *NeuroImage*. 153, 28-48.
- Turner, B. M., and Schley, D. (2016). The anchor integration model: A descriptive model of anchoring effects. *Cognitive Psychology*. 90, 1-47.
- Turner, B. M., Rodriguez, C. A., Norcia, T., McClure, S. M., and Steyvers, M. (2016). Why more is better: Simultaneous modeling of EEG, fMRI and behavioral data. *NeuroImage*. 128, 96-115.
- Turner, B. M., Sederberg, P. B., and McClelland, J. L. (2016). Bayesian analysis of simulation-based models. *Journal of Mathematical Psychology*. 72, 191-199.
- Rodriguez, C. A., Turner, B. M., Van Zandt, T., and McClure, S. M. (2015). The neural basis of discounted-value accumulation. *European Journal of Neuroscience*. 1-11.
- Turner, B. M., van Maanen, L., and Forstmann, B. U. (2015). Informing cognitive abstractions through neuroimaging: The Neural Drift Diffusion Model. *Psychological Review*. 122, 312-336.

- Van Maanen, L., Turner, B. M., and Forstmann, B. U. (2015). From model-based perceptual decision-making to spatial interference control. *Current Opinion in Behavioral Sciences*. 1, 72-77.
- Djulgovic, B. H., Beckstead, J., Reljic, T., Hozo, I., Kumar, A., Cannon-Bowers, J., Taylor, S., Tsalatsanis, A., Turner, B. M., and Paidas, C. (2014). Evaluation of physicians' cognitive styles. *Medical Decision Making*. 34, 627-637.
- Mittner, M., Boekel, W., Tucker, A. M., Turner, B. M., Heathcote, A., Forstmann, B. U. (2014). When the brain takes a break: A model-based analysis of mind wandering. *Journal of Neuroscience*. 34, 16286-16295.
- Rodriguez, C. A., Turner, B. M., and McClure, S. M. (2014). Intertemporal choice as discounted value accumulation. *PLoS ONE*. 9, e90138.
- Steyvers, M., Merkle, E. C., Wallsten, T. S., and Turner, B. M. (2014). Evaluating probabilistic forecasts with Bayesian signal detection models. *Risk Analysis*. 34, 435 – 452.
- Turner, B. M., and Sederberg, P. B. (2014). A generalized, likelihood-free method for posterior estimation. *Psychonomic Bulletin and Review*. 21, 227-250.
- Turner, B. M., Steyvers, M., Merkle, E. C., Budescu, D. V., and Wallsten, T. S. (2014). Forecast aggregation via re-calibration. *Machine Learning*. 95, 261-289.
- Turner, B. M., and Van Zandt, T. (2014). Hierarchical approximate Bayesian computation. *Psychometrika*. 79, 185-209.
- Turner, B. M., Dennis, S. and Van Zandt, T. (2013). Likelihood-free Bayesian analysis of memory models. *Psychological Review*. 120, 667-678.
- Turner, B. M., Forstmann, B. U., Wagenmakers, E.-J., Brown, S. D., Sederberg, P. B., and Steyvers, M. (2013). A Bayesian framework for simultaneously modeling neural and behavioral data. *NeuroImage*. 72, 193-206.
- Turner, B. M., Sederberg, P. B., Brown, S. D., and Steyvers, M. (2013). A method for efficiently sampling from distributions with correlated dimensions. *Psychological Methods*. 18, 368-384.
- Turner, B. M., Rim, H., Betz, N. and Nygren, T. (2012). The maximization inventory. *Judgment and Decision Making*. 7, 48-60.
- Turner, B. M., and Sederberg, P. B. (2012). Approximate Bayesian computation with differential evolution. *Journal of Mathematical Psychology*. 56, 375-385.
- Turner, B. M., and Van Zandt, T. (2012). A tutorial on approximate Bayesian computation. *Journal of Mathematical Psychology*. 56, 69-85.
- Betz, N. E., and Turner, B. M. (2011). Using item response theory and adaptive testing in online career assessment. *Journal of Career Assessment*. 19, 274-286.
- Rim, H. B., Turner, B. M., Betz, N. and Nygren, T. (2011). Studies of the dimensionality, correlates, and meaning of measures of the maximizing tendency. *Judgment and Decision Making*. 6, 565-579.
- Turner, B. M., Van Zandt, T., and Brown, S. (2011). A dynamic, stimulus-driven model of sig-

nal detection. *Psychological Review*. 118, 583-613.

Turner, B. M., Betz, N. E., Edwards, M. C., and Borgen, F. H. (2010). Psychometric examination of an inventory of self-efficacy for the Holland vocational themes using item response theory. *Measurement and Evaluation in Counseling and Development*. 43, 188-198.

Turner, B. M. (2009). The mathematical process of classification. *The Pentagon*. 68, 5-16.

Books

Turner, B. M., Forstmann, B. U., and Steyvers, M. (in press). Joint models of neural and behavioral data. Springer: New York.

Palestro, J. J., Osth, A. F., Sederberg, P. B., Van Zandt, T., and Turner, B. M. (2018). Likelihood-free Bayesian inference in cognitive science. Springer: New York.

Book Chapters

Ly, A., Boehm, U., Heathcote, A., Turner, B. M., Forstmann, B., Marsman, M., Matzke, M. (2017) A flexible and efficient hierarchical Bayesian approach to the exploration of individual differences in cognitive-model-based neuroscience. In Moustafa, A. A. (Ed.). *Computational models of brain and behavior*. Wiley-Blackwell: New Jersey.

Turner, B. M. (2015). Constraining cognitive abstractions through Bayesian modeling. In Forstmann, B. U. & Wagenmakers, E.-J. (Eds.), *An introduction to model-based cognitive neuroscience*. Springer: New York.

Manuscripts in Progress

Bahg, G., Sederberg, P., Myung, J., Li, X., Pitt, M., Lu, Z.-L., and Turner, B. M. (submitted). Real-time adaptive design optimization within functional MRI experiments

Galdo, M. and Turner, B. M. (submitted). A generalized, variational Bayesian algorithm for posterior estimation.

Gaut, G., Li, X., Turner, B. M., Cunningham, W. A., Lu, Z.-L., and Steyvers, M. (submitted). Predicting task and subject differences with functional connectivity and BOLD variability.

Turner, B. M., Palestro, J. J., Miletic, S., and Forstmann, B. U. (submitted). Advances in techniques for imposing reciprocity in brain-behavior relations.

Peer Reviewed Conference Papers

NOTE: Presenter in boldface type.

Turner, B. M. and Steyvers, M. A wisdom of the crowd approach to forecasting. Workshop presentation at the 25th Annual Conference of Neural Information Processing Systems, Grenada, Spain, December, 2011

Invited Talks

On the Neural and Mechanistic Bases of Self-control. Presented as part of the model-based cognitive neuroscience symposium at the 50th Annual Meeting of the Society for Mathematical Psychology. Warwick, England. August, 2017.

Joint Models of Neural and Behavioral Data. Presented as part of the Introduction to Model-based Cognitive Neuroscience symposium at the 57th Annual Meeting of the Psychonomic Society. Boston, Massachusetts. November, 2016.

Sometimes Behavioral Data are Not Enough: Neural Asymmetries in Intertemporal Choice. Presented as part of the Model-based Cognitive Neuroscience symposium at the 2nd Annual Satellite Meeting of the Society for Mathematical Psychology. Boston, Massachusetts. November, 2016.

Integrating Neural and Behavioral Measures of Cognition. Presented as the plenary lecture at the 49th Annual Meeting of the Society for Mathematical Psychology. New Brunswick, New Jersey. August, 2016.

Likelihood-free Bayesian Modeling: Applications in Cognitive Science. Presented at Neural Information Processing Systems Conference. Montreal, Quebec. December, 2015.

Integrating Neural and Behavioral Measures of Cognition. Presented at the Princeton Neuroscience Institute. Princeton University. August, 2015.

Integrating Neural and Behavioral Measures of Cognition. Presented at the University of Amsterdam's Summer School on Model-based Cognitive Neuroscience. Amsterdam, The Netherlands. June, 2015.

Extensions of a dynamic, stimulus-driven model of signal detection: Response times, confidence judgments, and multi-alternative choice. Presented at the Bay Area Cognitive Science Conference. University of California, Berkeley. December, 2013.

Constraining cognitive abstractions through Bayesian modeling and neuroscience. Presented as part of a workshop on Interfacing Models with Brain Signals to Investigate Cognition at the University of California, Irvine. November, 2013.

Integrating neuroscience and cognitive modeling. Presented at a team meeting for the Deep Brain Stimulation Neurosurgery Group at The Ohio State University, Columbus, Ohio. October, 2013.

Constraining cognitive abstractions through Bayesian modeling and neuroscience. Presented as part of a seminar for the University of Amsterdam, Netherlands. July 2013.

ABCDE: A practical, likelihood-free Bayesian analysis technique with applications to computational models of memory and decision-making. Presented as a CARMA colloquium in the School of Mathematical and Physical Science, Newcastle, Australia. October, 2012.

Likelihood-free Bayesian modeling and the case of the cue overload principle. Presented as part of a weekly seminar in the Psychology Department, Newcastle, Australia. October, 2012.

Likelihood-free Bayesian modeling. Presented as the recipient of the Psychometrika Dissertation Award at the 77th Annual International Meeting of the Psychometric Society, Lincoln, Nebraska. July, 2012.

ABCDE: A practical, likelihood-free Bayesian analysis technique with applications to computa-

tional models of memory and decision-making. Presented as the recipient of the Bennet B. Murdock Award at the 8th Annual Context and Episodic Memory Symposium, Bloomington, Indiana. May, 2012.

The evolution of approximate Bayesian computation. Presented as part of a weekly seminar for the Artificial Intelligence and Machine Learning Group, University of California, Irvine. February, 2012.

Published Abstracts, Posters and Presentations

NOTE: Presenter in boldface type.

Turner, B. M., Van Maanen, L. Forstmann, B. U. Integrating Cognitive Abstractions with Neurophysiology: The Neural Drift Diffusion Model. Presented at the 48th Annual Meeting of the Society for Mathematical Psychology, Newport Beach, California, August, 2015.

Rodriguez, C. A., Turner, B. M., Norcia, A. M., Cohen, M. X., & McClure, S. M. Discounted value accumulation in dorsomedial prefrontal cortex. Poster presented at the Society for Neuroeconomics Annual Meeting, Laussane, Switzerland, October, 2013.

Turner, B. M., Forstmann, B. U., Wagenmakers, E.-J., Brown, S. D., Sederberg, P. B., and Steyvers, M. A Bayesian framework for simultaneously modeling neural and behavioral measures. Presented at the 46th Annual Meeting of the Society for Mathematical Psychology, Potsdam, Germany, August, 2013.

Turner, B. M., Sederberg, P. B., and McClelland, J. L. Likelihood-free Bayesian analysis of neural network models. Poster presented at the 21st Annual Meeting of the Organization for Computational Neurosciences, Paris, France, July, 2013.

Turner, B. M., and Steyvers, M. A Bayesian framework for simultaneously modeling neural and behavioral measures. Poster presented at the 43rd Annual Meeting for the Society for Neuroscience, San Diego, California, November, 2013.

Turner, B. M., van Maanen, L., and Forstmann, B. U. A mechanistic account of the default mode network. Presented at the 12th Annual Meeting of the Annual Summer Interdisciplinary Conference, Cortina d'Ampezzo, Italy, July, 2013.

Fischer, D. L., Thompson, P., and Turner, B. M. Predicting integrity behavior with the Implicit Association Test. Poster presented at the 26th Annual Conference of the Society of Industrial & Organizational Psychology, San Diego, CA, April, 2012.

Schley, D. R. and Turner, B. M. An integrative theory of anchoring. Presented at the 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, OH, July 2012.

Schley, D. R. and Turner, B. M. An integrative theory of judgmental anchoring. Poster presented at the Behavioral Decision Research in Management Conference, Boulder, CO, June, 2012.

Sederberg, P. B. and Turner, B. M. ABCDE: A practical, likelihood-free Bayesian analysis technique with applications to computational models of memory and decision-making. Presented at the 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, OH, July 2012.

Smith, T. A., Turner, B. M., and Sederberg, P. B. Evaluating the flexibility of likelihood ratio signal detection models of recognition memory. Poster presented at the 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, OH, July 2012.

Steyvers, M. and Turner, B. M. Blending generative and discriminative models: A Bayesian framework for prediction and classification. Presented at the 53rd Annual Meeting of the Psychological Society, Minneapolis, MN, November 2012.

Turner, B. M. and Steyvers, M. Blending generative and discriminative models: A Bayesian framework for prediction and classification. Presented at the 45th Annual Meeting of the Society for Mathematical Psychology, Columbus, OH, July 2012.

Merkle, E. C., Steyvers, M., Turner, B. M., and Yi, M. Recalibration Methods for Correcting Systematic Forecasting Biases. Presented at the 24th Annual Convention of the Association for Psychological Science, Chicago, IL, May, 2011

Steyvers, M., Lee, M., Turner, B. M., and Miller, B. Inferring Expertise in Knowledge and Forecasting Tasks. Presented at the 24th Annual Convention of the Association for Psychological Science, Chicago, IL, May, 2011

Turner, B. M., Dennis, S., and Van Zandt, T. Bayesian analysis of memory models. Poster presented at the Midwest Cognitive Science Meeting, East Lansing, MI, April 2011.

Turner, B. M., Dennis, S., and Van Zandt, T. Bayesian analysis of memory models. Poster presented at the 7th Annual Context and Episodic Memory Symposium, Philadelphia, PA, May 2011.

Turner, B. M., Dennis, S., and Van Zandt, T. Bayesian analysis of memory models. Presented at the 44th Annual Meeting of the Society for Mathematical Psychology, Boston, MA, July 2011.

Turner, B. M., **Van Zandt, T.**, and Brown, S. The pervasive problem of criterion setting. Presented at the 7th Annual Context and Episodic Memory Symposium, Philadelphia, PA, May 2011.

Fischer, D. L., Osafo, E., and Turner, B. M. Further investigation of an IAT for workplace integrity. Poster presented at the 25th Annual Conference of the Society of Industrial & Organizational Psychology, Atlanta, GA, April, 2010.

Turner, B. M., Van Zandt, T., and **Brown, S.** A nonparametric model for signal detection. Presented at the 51st Annual Meeting of the Psychonomics Society, St. Louis, Missouri, November 2010.

Turner, B. M., Van Zandt, T., and Peruggia, M. Hierarchical approximate Bayesian computation. Presented at the 43rd Annual Meeting of the Society for Mathematical Psychology, Portland, Oregon, August 2010.

Turner, B. M., Van Zandt, T., and Brown, S. A nonparametric model for signal detection. Presented at the 42nd Annual Meeting of the Society for Mathematical Psychology, Amsterdam, Netherlands, August 2009.

Edler, J. R., Turner, B. M., Gill, T. R., James, R. J., and Fischer, D. L. Equivalence of an occupational scale administered under alternate conditions. Poster presented at the Great Plains Psychology Convention, Emporia State University, April, 2008

Turner, B. M. The mathematics of classification. Presented at the Kappa Mu Epsilon North Central Regional Competition, Pittsburg, Kansas, March, 2008