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EDUCATION

1995 – 1999   Ph.D. in Cognitive Psychology
Northwestern University, Evanston, IL

1991 – 1995   B.S. Cognitive and Linguistic Sciences
Brown University, Providence, RI

POSITIONS

2010 -   Affiliate Member, DELTA Center (Iowa)

2010 -   Full Professor in Psychology
The University of Texas at Austin

2005 – 2010   Associate Professor in Psychology
The University of Texas at Austin

1999 – 2005   Assistant Professor in Psychology
The University of Texas at Austin

GRANTS, FELLOWSHIPS, AND HONORS

5/2011   Margaret "Megan" Sanders (undergraduate honors student) is a
George H. Mitchell Fellowship award winner.

5/2011   NIH proposal R21 MH091523-01A1 ($275,000 in direct costs over two
years) "Model-Baed fMRI of Dynamic Category Learning: The
Memory and Attention Interface."

8/2010   NSF (being processed, lead on the human element component of
engineering center), "UCRC PHEV/EBVs: Transportation and
Electricity Convergence."

5/2010	AFOSR Gant #FA9550-10-1-0268 ($360,000 over three years), "A Dynamic Approach to Information Sampling and Learning."
9/2009	NSF Grant #0927315 ($359,300 over three years, Co-PI, PI 2011-), "Predicting Disrupted Network Behavior."
7/2009	ARL Grant #W911NF-09-2-0038 ($375,000 over three years), "A Computational Learning Approach to Adaptive Information Displays for Enhancing Soldier Performance."
4/2009	Laura Holland, a graduate student in my lab, was awarded an NSF graduate fellowship.
3/2009	Gyslain Giguere , a postdoctoral researcher in my lab, was awarded a fellowship from Quebec, Canada.
2/2008	Aaron Hoffman, a postdoctoral researcher in my lab, was awarded an NRSA fellowship from NIMH.
5/2007	AFOSR Grant #FA9550-07-1-0178 ($400,000 over three years), "Category Learning by Clustering with Extension to Dynamic Environments."
1/2007	ARL Grant #W911NF-07-2-0023 Love (Co-PI, $230,191 for one year), "Sustaining and Enhancing High Optempo Performance of Soldiers in the Transformed Military."
6/2004	AFOSR Grant #FA9550-04-1-0226 ($390,206 over three years), "Maximizing the Benefits of Training by Example and Direct Instruction."
4/2004	NSF CAREER Grant #0349101 ($400,000 over five years), "Flexible learning inside and outside the classroom."
10/2003	Matt Jones, a postdoctoral researcher sponsored jointly by me and Todd Maddox, had his NRSA training proposal funded with the top rating for the panel.
2/2003	Awarded a Research Internship from University of Texas to fund an entering graduate student.
12/2002	Awarded $11,500 (along with Ahn, Goldstone, Markman, and Wolff) by the APA to host a conference honoring Doug Medin.
6/2002	Admitted and attended the APA's summer institute in fMRI at Harvard-MGH.

5/2002	Levi Larkey, a graduate student working with me, was awarded a three year fellowship through the National Defense Science and Engineering Graduate (NDSEG) fellowship program.
2/2002	J. S. McDonnell Foundation grant ($310,000) titled "Interdisciplinary Collaborative Consortium on the Cognitive Neuroscience of Category Learning." I am one of numerous co-investigators (Mark Gluck is the PI).
12/2001	Liran Elboym, an honors student working in my lab, was awarded a $1000 Undergraduate Research Fellowship to fund our project.
5/2001	AFOSR Grant #F49620-01-1-0295 ($381,637 over three years), "Adaptive Learning Across Task Environments."
10/2000	Awarded a Research Internship from University of Texas to fund an entering graduate student.
4/2000	Awarded a Summer Research Assistantship from the University of Texas.
1996 - 1999	Graduate Fellowship, NDSEG. Funded to pursue my research.
4/1996	National Science Foundation Graduate Fellowship. I received, but declined, an NSF fellowship.

SERVICE TO FIELD

journals	*Acta Psychologica; Attention, Perception, & Psychophysics*; *Artificial Intelligence; Australian Journal of Psychology; Behavioral and Brain Sciences; Behavior Research Methods; Cognition; Cognitive Psychology; Cognitive Science (**Editorial Board 2006-2009**); Current Directions in Psychological Science; Experimental Psychology; Frontiers in Developmental Psychology (**Editorial Board 2010- **); Human Brain Mapping; Journal of Cognitive Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Psychology: Learning, Memory, and Cognition (**Editorial Board 2006-2009**); Journal of Experimental Social Psychology; Journal of Mathematical Psychology; Journal of Memory and Language; Language and Cognitive Processes; Memory & Cognition (**Editorial Board 2006-2009; Associate Editor 2009-**); Nature; NeuroImage; Perception & Psychophysics; Proceedings of the National Academy of Sciences; Psychological Bulletin; Psychological Review; Psychological Science; Psychonomic Bulletin and Review (**Editorial Board 2006-2010**); Science; Trends in Cognitive Sciences; Quarterly Journal of Experimental Psychology; Visual Cognition.*
conferences	AAAI 2006 (**senior program committee member**); Biologically Inspired Cognitive Architecture (BICA); Cognitive Science Society; FLAIRS; ICCM;

NIPS; Awards Chair of 2007 Cognitive Science Society annual conference; **Co-Chair of 2008 Cognitive Science Society annual conference**, Cognitive Science Society Program Committee member (various years).

grants   AFOSR's Perception & Cognition Program; Canada Foundation for Innovation; ESRC (Europe); FONDECYT Sicologia (Chile); NASA's Intelligent Systems (Human-Centered Computing); Israeli Science Foundation **panel member (2011)**, NIMH Cognition, Language, and Perception (Fellowship) **panel member (2006-2007);** National Science Foundation (Cognitive Neuroscience); National Science Foundation Perception, Action, and Cognition **panel member (2005-2007);** NSERC (Canada); Research Council of Leuven (Belgium); University of Texas at Austin Research Internship (RI) fellowship.

other   Outside evaluator on tenure cases. Consultant for Charles A. Dana Center academic youth development program. Air Force AMBR project **expert panel member (2002-2004)**, program committee member for FLAIRS 2002 Special Track "Categorization and Concept Representation: Models and Implications."

UNIVERSITY SERVICE

Head of the Cognitive Systems Area at Texas (7/2007- 7/2011)

Countless Masters and Ph.D. committees.

Member of numerous committees.

ADVISING

Postdoctoral   Mike Mack (2011-)
Gyslain Giguere (2009-)
Aaron Hoffman (2007- 2011)
Matthew Jones (2003-2007, now U. of Colorado Asst. Prof.)

Graduate   Eric Abel (2009-2010)
Tyler Davis (2005-2010, now a postdoc with Russ Poldrack)
John Dennis (2003-2004)
Brian Glass (2011-)
Todd M. Gureckis (2001-2005, now NYU Asst. Prof.)
Laura Holland (2008-2009)
Levi Larkey (2002-2003)
Jessica Mollick (2011-)
Ross Otto (2007-)
Yasuaki Sakamoto (2000-2005, now Research Asst. Prof. at Stevens Institute of Technology)
Katherine Snyder (2007-2008)
Marc Tomlinson (2004-2010, now a research scientist at U. Texas)
Anne Warlaumont (2006-2007)

Honors   Brian Gane (2000-2001)
                Liran Elboym (2001-2002)
                Megan Sanders (2009-2010)

PUBLICATIONS

Peer Reviewed Articles

Otto, A.R., Markman, A.B., & Love, B.C. (in press). Taking More, Now: The Optimality of Impulsive Choice Hinges on Environment Structure. *Social Psychological and Personality Science.*

Jones, M. & Love, B.C. (in press). Bayesian Fundamentalism or Enlightenment? On the Explanatory Status and Theoretical Contributions of Bayesian Models of Cognition. *Behavioral and Brain Sciences* (target article).

Davis, T., Love, B.C., & Preston, A.R. (in press). Learning the Exception to the Rule: Model-Based fMRI Reveals Specialized Representations for Surprising Category Members. *Cerebral Cortex*.

Goldwater, M.B., Tomlinson, M.T., Echols, C.H., & Love, B.C. (in press). Structural Priming as Structure-Mapping: Children Use Analogies from Previous Utterances To Guide Sentence Production. *Cognitive Science*, 35, 156-170.

Sakamoto, Y., & Love, B.C. (2010). Learning and Retention through Predictive Inference and Classification. *Journal of Experimental Psychology: Applied*, 16, 361-377

Tomlinson, M.T., & Love, B.C. (2010). When Learning to Classify by Relations Is Easier Than by Features. *Thinking & Reasoning*, 16, 372-401.

Otto, A.R., Gureckis, T.M., Markman, A.B., & Love, B.C. (2010). Regulatory Fit and Systematic Exploration in a Dynamic Decision-Making Environment. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 36(3), 797-804.

Otto, A.R., & Love, B.C. (2010). You Don't Want To Know What You're Missing: When Information about Forgone Rewards Impedes Dynamic Decision Making. *Judgment and Decision Making*, 5, 1-10.

Davis, T., & Love, B.C. (2010). Memory for Category Information is Idealized through Contrast with Competing Options. *Psychological Science*, 21, 234-242.

Gureckis, T. M., & Love, B. C. (2010). Direct Associations or Internal Transformations? Exploring the Mechanisms Underlying Sequential Learning Behavior. *Cognitive Science,* 34, 10-50.

Gureckis, T.M., & Love, B.C. (2009). Short Term Gains, Long Term Pains: Reinforcement Learning in Dynamic Environments. *Cognition*, 113, 293-313.

Otto, A.R., Gureckis, T.M., Markman, A.B., & Love, B.C. (2009). Navigating through Abstract Decision Spaces: Evaluating the Role of State Generalization in a Dynamic Decision-Making Task. *Psychonomic Bulletin & Review*, 16, 957-963.

Davis, T., & Love, B.C. (2009). Anticipatory Emotions in Decision Tasks: Covert Markers of Value or Attentional Processes? *Cognition*, 112, 195-200.

Davis, T., Love, B.C., & Maddox, W.T. (2009). Two Pathways to Stimulus Encoding in Category Learning? *Memory & Cognition 37, 394-413*

Gureckis, T. M., & Love, B. C. (2009). Learning in Noise: Dynamic Decision-Making in a Variable Environment. *Journal of Mathematical Psychology*, 150, 180-193.

Sakamoto, Y., Jones, M., & Love, B. C. (2008). Putting the Psychology Back into Psychological Models: Mechanistic vs. Rational Approaches. *Memory & Cognition*, 36, 1057-1065.

Maddox, W. T., Love, B. C., Glass, B. D., & Filoteo, J. V. (2008). When more is less: Feedback effects in perceptual category learning. *Cognition*, 108, 578-589.

Love, B. C., & Gureckis, T. M. (2007). Models in search of a brain. *Cognitive, Affective, & Behavioral Neuroscience*, 90-108.

Jones, M., & Love, B. C. (2007). Beyond common features: The role of roles in determining similarity. *Cognitive Psychology*, 55, 196-231.

Sakamoto, Y., & Love, B. C. (2006). Vancouver, Toronto, Montreal, Austin: Enhanced oddball memory through differentiation, not isolation. *Psychonomic Bulletin & Review*, 13, 474-479.

Jones, M., Love, B. C., & Maddox, W. T. (2006) Recency as a window to generalization: Separating decisional and perceptual sequential effects in category learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 32, 316-332.

Love, B. C. (2005). Environment and goals jointly direct category acquisition. *Current Directions in Psychological Science*, 14, 195-199.

Sakamoto, Y., & Love, B. C. (2004). Schematic influences on category learning and recognition memory. *Journal of Experimental Psychology: General*, 133, 534-553.

Love, B. C., Medin, D. L., & Gureckis, T. M. (2004). SUSTAIN: A network model of category learning. *Psychological Review, 111*, 309-332.

Gureckis, T. M., & Love, B. C. (2004). Common mechanisms in infant and adult category learning. *Infancy*, 5, 173-198.

Larkey, L. B., & Love, B. C. (2003). CAB: Connectionist analogy builder. *Cognitive Science*, 27, 781-794.

Gureckis, T. M., & Love, B. C. (2003). Human unsupervised and supervised learning as a quantitative distinction. *International Journal of Pattern Recognition and Artificial Intelligence, 17*, 885-901.

Love, B. C., & Markman, A. B. (2003). The nonindependence of stimulus properties in human category learning. *Memory & Cognition, 31*, 790-799.

Love, B. C. (2003). The multifaceted nature of unsupervised category learning. *Psychonomic Bulletin & Review, 10*, 190-197.

Gureckis, T. M., & Love, B. C. (2003). Towards a unified account of supervised and unsupervised category learning. *Journal of Experimental and Theoretical Artificial Intelligence, 15*, 1-24.

Love, B. C. (2002). Comparing supervised and unsupervised category learning. *Psychonomic Bulletin & Review, 9*, 829-835.

Yamauchi, T., Love, B. C., & Markman, A. B. (2002). Learning non-linearly separable categories by inference and classification. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 28*, 585-593.

Love, B. C., Rouder, J. N., & Wisniewski, E. J. (1999). A structural account of global and local processing. *Cognitive Psychology, 38*, 291-316.

Sloman, S. A., Love, B. C., & Ahn, W. (1998). Feature centrality and conceptual coherence. *Cognitive Science, 22*, 189-228.

Wisniewski, E. J. & Love, B. C. (1998). Relations versus properties in conceptual combination. *Journal of Memory and Language, 38*, 177-202.

Peer Reviewed Proceedings

Hoffman, A.B., Love, B.C., & Markman, A.B. (2010). Selective Attention by Structural Alignment: An Eyetracking Study. *Proceedings of the Annual Meeting of Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Tomlinson, M.T., Howe, M., Love, B.C. (2009). Seeing the world through an expert's eyes: Context-aware display as a training companion. *Proceedings of HCI International*, LNAI 5638, 668-677.

Love, B. C., Jones, M., Tomlinson, M.T., & Howe, M. (2009). Learning to Predict Information Needs: Context-Aware Display as a Cognitive Aid and an Assessment Tool. *Proceedings of The ACM SIGCHI Conf. on Human Factors in Computing Systems* (CHI 2009), 1351-1360.

Sakamoto, Y,. & Love, B.C. (2009). You Only Had to Ask Me Once: Long-term Retention Requires Direct Queries During Learning. *Proceedings of the Annual Meeting of Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Otto, A.R., Gureckis, T.M., Markman, A.B., & Love, B.C. (2009). When Things Get Worse before they Get Better: Regulatory Fit and Average-Reward Learning in a Dynamic Decision-Making Environment. . *Proceedings of the Annual Meeting of Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Love, B. C., Jones, M., Tomlinson, M.T., & Howe, M. (2008). Predicting information needs: Adaptive display in dynamic environments. *Proceedings of the Annual Meeting of Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Davis, T., Love, B.C., & Maddox, W.T. (2008). How Goals Shape Category Acquisition: The Role of Contrasting Categories. *Proceedings of the Annual Meeting of Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Gureckis, T. M., & Love, B. C. (2007). Behaviorism Reborn? Statistical Learning as Simple Conditioning. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Davis, T., Love, B. C., & Maddox, W. T. (2007). Translating From Perceptual to Cognitive Coding. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Tomlinson, M., & Love, B. C. (2007). Relation-Based Categories are Easier to Learn than Feature-Based Categories. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Rein, J. R., Love, B. C., & Markman, A. B. (2007). Feature Relations and Feature Salience in Natural Categories. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Gureckis, T. M., & Love, B. C. (2006). Bridging levels: Using a cognitive model to connect brain and behavior in category learning. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Love, B. C., & Jones, M. (2006). The emergence of multiple learning systems. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Sakamoto, Y., & Love, B. C. (2006). Sizable sharks swim swiftly: Learning correlations through inference in a classroom setting. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Sakamoto, Y., Love, B. C., & Jones, M. (2006). Tracking variability in learning: Contrasting statistical and similarity-based accounts. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Jones, M., Maddox, W. T., & Love, B. C. (2006). The role of similarity in generalization. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Tomlinson, M., & Love, B. C. (2006). Learning abstract relations through analogy to concrete exemplars. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Tomlinson, M., & Love, B. C. (2006). From pigeons to humans: Grounding relational learning in concrete examples. *Twenty-First National Conference on Artificial Intelligence* (AAAI-2006), *USA, 21*, 136-141.

Gureckis, T. M., & Love, B. C. (2005). A critical look at the mechanisms underlying implicit sequence learning. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Jones, M., Maddox, W. T., & Love, B. C. (2005). Stimulus generalization in category learning. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Sakamoto, Y., & Love, B. C. (2005). A novel approach to understanding novelty effects in memory. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Jones, M., & Love, B. C. (2004). Beyond common features: The role of roles in determining similarity. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Sakamoto, Y., & Love, B. C. (2004). Type/token information in category learning and recognition. *Proceedings of the Cognitive Science Society.* Mahwah, NJ: Lawrence Erlbaum Associates.

Love, B. C., & Gureckis, T. M. (2004). The hippocampus: Where a cognitive model meets cognitive neuroscience. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Sakamoto, Y., Matuska, T., & Love, B. C. (2004). Dimension-wide vs. exemplar-specific attention in category learning and recognition. In M. Lovett, C. Schunn, C. Lebiere, and P. Munro (Eds.), *Proceedings of the International Conference of Cognitive Modeling* (pp. 261-266). Mahwah, New Jersey: Lawrence Erlbaum.

Sakamoto, Y., & Love, B. C. (2003). Category structure and recognition memory. *Proceedings of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates.

Gureckis, T. M., & Love, B. C. (2002). Modeling unsupervised learning with SUSTAIN. In S. Haller & G. Simmons (Eds.), *Proceedings of the 15th international Florida artificial intelligence research society conference* (pp. 163-167). Menlo Park, California: AAAI Press.

Gureckis, T. M., & Love, B. C. (2002). Who says models can only do what you tell them? Unsupervised category learning data, fits, and predictions. *Proceedings of the Cognitive Science Society, USA, 24*, 399-404.

Love, B. C., Markman, A. B., & Yamauchi, T. (2000). Modeling classification and inference learning. *Seventeenth National Conference on Artificial Intelligence* (AAAI-2000), *USA, 17*, 136-141.

Love, B. C. (2000). A computational level theory of similarity. *Proceedings of the Cognitive Science Society, USA*, 22, 316-321.

Love, B. C. (2000). Learning at different levels of abstraction. *Proceedings of the Cognitive Science Society, USA*, 22, 800-805.

Love, B. C. (1999). Utilizing time: Asynchronous binding. *Advances in Neural Information Processing Systems, 11*, 38-44.

Love, B. C., & Medin, D. L. (1998). SUSTAIN: A model of human category learning. *Proceedings of the Fifteenth National Conference on Artificial Intelligence* (AAAI-98), *USA, 15*, 671-676.

Love, B. C., & Medin, D. L. (1998). Modeling item and category learning. *Proceedings of the Twentieth Annual Conference of the Cognitive Science Society, USA, 20*, 639-644.

Love, B. C. (1996). Mutability, conceptual transformation, and context. *Proceedings of the Eighteenth Annual Conference of the Cognitive Science Society, USA, 18*, 459-463.

Love, B. C., & Sloman, S. A. (1995). Mutability and the determinants of conceptual transformability. *Proceedings of the Seventeenth Annual Conference of the Cognitive Science Society, USA, 17*, 654-659.

Publications – Other

Love,, B.C., & Jones, M. (in press). Bayesian Learning. In Norbert Seel (ed.), *Encyclopedia of the Sciences of Learning*. Springer.

Love, B.C. (in press). Category Learning, Computational Perspectives. In Hal Pashler, *Encyclopedia of the Mind*. Sage Publications.

Love, B.C. (in press) Categorization. In *The Oxford Handbook of Cognitive Neuroscience*. Oxford University Press.

Love, B. C., & Tomlinson, M. (2010). Rule-based vs. similarity-based concept learning. In Denis Mareschal, Paul Quinn, Stephen Lea (Eds.), *The Making of Human Concepts*. Oxford University Press, 54-74.

Tomlinson, M.T., & Love, B. C. (2008). Monkey see, monkey do: Learning relations through concrete examples. *Behavioral and Brain Sciences*, 31, 150-151.

Love, B.C., Tomlinson, M., & Gureckis, T.M. (2008). The concrete substrates of abstract rule use. In B.H. Ross, *The Psychology of Learning and Motivation*, 49, 167-207.

Love, B. C. (2007). Method and System for Adapting Display to Match User-Specific Information Preferences. Provisional Patent filed through UT.

Love, B. C. (2005). Method and apparatus for incorporating decision making into classifiers. US Patent #6,920,439.

Love, B. C. (2005). In vivo or in vitro: Cognitive architectures and task specific models. In R. W. Pew and K. A. Gluck, *Modeling Human Behavior with Integrated Cognitive Architectures: Comparison, Evaluation, and Validation.* 351-364. Mahwah, NJ: Lawrence Erlbaum.

Love, B. C., & Gureckis, T. M. (2005). Modeling learning under the influence of culture. In W. Ahn, R. L., Goldstone, B. C., Love, A. B., Markman, & P. Wolff (Eds.), *Categorization inside and outside of the lab: Festschrift in Honor of Douglas L. Medin.* 229-248. Washington, DC: American Psychological Association.

Ahn, W., Goldstone, R. L., Love, B. C., Markman, A. B., & Wolff, P. (Eds.). (2005). *Categorization inside and outside of the lab: Festschrift in Honor of Douglas L. Medin.* Washington, DC: American Psychological Association.

Love, B. C. (2003). Concept learning. In L. Nadel (Ed.), *Encyclopedia of cognitive science* (Vol. 1, pp. 646-652). London: Nature Publishing Group.

Love, B. C. (2002). Similarity and Categorization: A review [Review of the book *Similarity and Cognition*]. *AI Magazine, 23*, 103-105.

Love, B. C. (2002). Three deadly sins of category learning modelers. *Behavioral and Brain Sciences*, 24, 687-688.

Love, B. C. (2001). Uncovering analogy [Review of the book *The Analogical Mind*]. *Trends in Cognitive Sciences*, 5, 454-455.

INVITED TALKS (not submitted conference papers, symposia, or abstracts)

4/2011	Panelist, "Sustainable Design Symposium 2011," hosted by Kate Catterall.
2/2011	"The Memory and Attention Interface," Brown University.
2/2011	"Attention as a Consequence of Dynamic Decision Making," UNSW.
1/2011	"Attention as a Consequence of Dynamic Decision Making," UCL.
11/2010	"Looking to Learn, Learning to Look: Attention Emerges from Cost Sensitive Information Sampling", Workshop on Persistent & Generative Cognitive Models, funded and hosted by Air Force Research Laboratory (Mesa, AZ).
5/2010	"When Short- and Long-Term Rewards Conflict," Cognitive Science Program, Simon Fraser University.

3/2010	"Putting the Pieces Together: Contributions and Interactions of Various Learning Systems," University of Iowa.
10/2009	"The Bayesian Program as Progeny of Evolutionary Psychology and Behaviorism," CDS Pre-Conference talk, sponsored by the DELTA center and organized by John Spencer.
8/2009	"The not so abstract nature of concepts, rules, and grammar," address to Max Planck Institute for Psycholinguistics (Nijmegen, NL).
8/2009	"Connectionist Perspectives on the Development of Category Learning Abilities," development and modeling symposium organized by Maartje Raijmakers, Amsterdam, The Netherlands.
11/2008	"Category Learning by Clustering with Extension to Dynamic Environments," AFOSR Cognition & Decision Program Workshop, Washington, D.C. Hosted by Jun Zhang.
8/2008	"Where do we get new research ideas?" Connecting probabilistic models of cognition and neural networks workshop, Hosted by Tom Griffiths and Jay McClelland, Berkeley, CA.
6/2008	"The Role of Initial Conditions in Concept Organization," Concept Modeling Workshop, University of Lueven, Belgium.
5/2008	"Using Mechanistic (non-rational) Models of Learning to Link Behavior, Brain, and Body," Keynote, Perceptual Expertise Network (PEN) Workshop XVI in Banff, Canada.
5/2008	"Using Mechanistic (non-rational) Models of Learning to Link Behavior, Brain, and Body," Department of Psychology, Ohio State.
12/2007	"Anticipating Information Needs: Adaptive Display in Dynamic Environments," Sustaining Performance Under Stress Symposium, Center for Strategic and Innovative Technologies, Austin, TX.
9/2007	"Human Inference Mechanisms," Cowles Foundation for Research in Economics, Yale University, workshop on "Analogies, Rules, and Probabilities."
3/2007	"Learning by Example with Extension to Dynamic Environments," AFOSR Cognition & Decision Program Workshop, Washington, D.C.
2/2007	"The Emergence of Multiple Learning Systems," University of Arizona.
2/2007	"Putting the Psychology Back Into Psychological Models," AFOSR sponsored workshop in Dynamic Decision Making, Dayton, OH.

11/2006	"The Emergence of Multiple Learning Systems," University of Louisiana.
7/2006	"The Emergence of Multiple Learning Systems," ICOM, Sydney, Australia.
7/2006	"Models in Search of a Brain," workshop, Margaret River, Australia.
6/2006	"The Emergence of Multiple Learning Systems," UWA, Australia.
4/2006	"The Emergence of Multiple Learning Systems," AFOSR Cognition & Decision Program Workshop, Dayton, OH.
4/2006	"The Emergence of Multiple Learning Systems," APA Convention Invited Division 3 speaker, New Orleans, LA.
10/2005	Speaker/Symposium Organizer, "The Cognitive Neuroscience of Category Learning," at the Computational Cognitive Neuroscience Conference, Washington, D.C.
9/2005	"Acquiring Knowledge One Cluster at a Time," Department of Psychology, New York University, NYC.
7/2005	"Exemplar-based relational category learning," Annual Summer Interdisciplinary Conference (ASIC) 2005, Briançon, France.
6/2005	Workshop Participant, NSF sponsored "Dynamical and Connectionist Accounts of Development," University of Iowa, organized by John Spencer and Jay McClelland.
5/2005	"A Clustering Account of Human Categorization," Department of Psychology, University of Sydney, Australia.
4/2005	"Cluster-based Modeling of Human Learning: Joint Influences of Task and Environment," AFOSR Perception & Cognition Program Workshop, St. Augustine, FL.
4/2005	"Environment and goals jointly direct category acquisition," Department of Psychology, Texas A&M, College Station, TX.
2/2005	Keynote speaker for Lake Ontario Visionary Establishment Conference.
2/2005	"Beyond common features: The role of roles in determining similarity. " Department of Psychology, The University of Western Ontario.
1/2005	"Clustering Account of Human Learning" Department of Psychology, Stanford University.

1/2005	"Clustering Account of Human Learning" Department of Psychology, UCSD.
10/2004	"Bridging Levels: A Cognitive Model of Hippocampal Mediated Learning," J. S. McDonnell Foundation meeting on the cognitive neuroscience of category learning, New York City, NY.
9/2004	"Bridging Levels: A Cognitive Model of Hippocampal Mediated Learning" Department of Communication Sciences and Disorders, The University of Texas at Austin.
6/2004	"Infants, amnesiacs, aging, and the MTL," Annual Summer Interdisciplinary Conference (ASIC) 2004, Dolomiti, Italy.
3/2004	"A Clustering Account of Human Learning," AFOSR Perception & Cognition Program Workshop, Phoenix, AZ.
2/2004	"Human Learning, Memory, and the Categories in and Imposed on Our World," UT Odyssey lecture, Austin, TX.
1/2004	"A Clustering Account of Human Category Learning," Caltech, Computation and Neural Systems, Pasadena, CA.
11/2003	"Infants, Amnesiacs, and the MTL," ARMADILLO, Texas A&M, College Station, TX.
9/2003	"Category Learning in Infants and Amnesiacs," J. S. McDonnell Foundation meeting on the cognitive neuroscience of category learning, New York City, NY.
6/2003	"The influence of culture on conceptual organization," talk given at a conference to honor Douglas Medin, Chicago Botanical Gardens, Chicago, IL.
9/2002	"Two systems or just one," J. S. McDonnell Foundation meeting on the cognitive neuroscience of category learning, New York City, NY.
8/2002	Invited Discussant, AMBR symposium at the Cognitive Science Society Conference, Washington, D.C.
11/2001	"Aging effects in category learning," Mind, Brain, & Behavior Forum Series, Harvard University, Cambridge, MA.
7/2001	"Inference and classification learning: Data and models," ICOM-3: Third International Conference on Memory. Valencia, Spain.
11/2000	"Modeling Human Category Learning," Forum for Artificial Intelligence, Department of Computer Science, The University of Texas at Austin, Austin, TX.

10/2000   "Inference and Classification Learning," Association for Research in Memory, Attention, Decision-making, Intelligence, Language, Learning& Organization (ARMADILLO), Texas A&M, College Station, TX.

2/1999   "SUSTAIN: A Clustering Account of Category Learning," Psychology Department, Columbia University, New York City, NY.