

Daphna Shohamy, PhD

Department of Psychology
Columbia University, New York
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POSITIONS

2013-present Associate Professor, Columbia University, Psychology
2007-2013 Assistant Professor, Columbia University, Psychology

EDUCATION & TRAINING

2004-2007 Postdoctoral Research Fellow, Department of Psychology, Stanford University
1997-2003 Ph.D., Rutgers University, Center for Neuroscience; Dissertation: *The Role of the Basal Ganglia in Learning and Memory: Evidence from Parkinson's Disease*; Advisor: Mark A. Gluck
1992-1996 B.A., Tel-Aviv University; Double major in Psychology and Humanities

FELLOWSHIPS AND AWARDS

2014 Young Investigator Award, Cognitive Neuroscience Society
2013 Young Investigator Award, Society for Neuroeconomics
2012 Lenfest Distinguished Faculty Award, Columbia University
2011 Spence Award for Transformative Early Career Contributions, APS
2010 National Science Foundation Career Development Award
2008 Young Investigator Award, National Alliance for Research on Schizophrenia and Depression
2004 Postdoctoral Individual National Research Service Award; National Institute of Mental Health
2003 Dean's Dissertation Award for Best Dissertation, Rutgers University
1996/1997 Lehrman Fellowship for Academic Excellence

RESEARCH SUPPORT

Current

2015-2017 A Role for Dopamine in Prospection
Templeton Science of Prospection Award, Templeton Foundation, co-PI (with Foerde)
2014-2019 CRCNS: Computational and Neural Mechanisms of Memory-Guided Decisions
NIH/NIDA – R01, Co-PI (with Daw)
2016-2019 How episodic memory guides decisions: neural mechanisms and implications for memory loss
McKnight Foundation Memory and Cognitive Disorders Award, P.I.
2015-2019 Neural mechanisms of food choice in anorexia nervosa
NIH/NIMH-R01, co-PI (with Steinglass)

Prior support

2011-2015 Goals vs. Habits in the Human Brain: Cognitive and Computational Mechanisms
NIH/NINDS – R01, PI
2010-2015 Integrating Neuroimaging and Patient Studies of Learning and Decision Making
NSF Career Development Award, PI
2013-2015 The Silvio O. Conte Center for Dopamine Dysfunction in Schizophrenia
Project 2: Functional Correlates of Cortical and Subcortical Dopamine Dysregulation in Schizophrenia
NIH/NIMH, Project PI (Center PI: Anissa Abi-Dargham)
2009-2014 Learning to Avoid Pain: Computational Mechanisms and Application to Methamphetamines
NIH/NIDA, Co-I and PI of Subcontract (PI: Wager)
2009-2013 Investigating Placebo Effects in Parkinson's Disease with Functional MRI
Michael J. Fox Foundation, Co-PI (w Wager)

2009-2011	Using fMRI to Measure Negative Symptoms in Schizophrenia NIH/NIMH, Co-I (PI: Smith)
2009-2010	Neural Systems of Learning and Memory in Addiction NIH/NIDA, PI
2008-2010	The Cognitive Neuroscience of Learning and Motivation in Schizophrenia: Combining fMRI and Patient Studies; NARSAD Young Investigator Award
2007-2011	Neurobiological Mechanisms Supporting Incremental and Episodic Learning NIH/NIMH, Co-I (PI: Wagner)
2004-2007	Neural Interactions in Incremental and Episodic Memory NIH/NIMH NRSA, PI
2004-2008	Feedback Learning and L-Dopa in Parkinson's Disease NIH/NIMH, Co-I (PI: Gluck)
2003-2006	Dissociating Medial Temporal Lobe and Basal Ganglia Contributions to Category Learning NSF, Co-I (PIs: Gluck, Poldrack)
2000-2003	Behavioral and Computational Studies of Dopamine Dysfunction and Learning: Implications for Parkinson's Disease and Schizophrenia Lowenstein Foundation, Co-I (PI: Gluck)

PUBLICATIONS

1. Shadlen, M. & Shohamy, D. (2016). Decision making and sequential sampling from memory. *Neuron*, 90(5), 927-939.
2. Reinen, J. M., Van Snellenberg, J. X., Horga, G., Abi-Dargham, A., Daw, N. D., & Shohamy, D. (2016). Motivational context modulates prediction error responses in Schizophrenia. *Schizophrenia Bulletin*, 42(3).
3. Van Snellenberg, J. X., Girgis, R. R., Horga, G., van de Giessen, E., Slifstein, M., Ojeil, N., ... & Smith, E. E. (2016). Mechanisms of working memory impairment in Schizophrenia. *Biological Psychiatry*, in press.
4. Zaki, J., Kallman, S., Wimmer, G. E., Ochsner, K., & Shohamy, D. (2016). Social cognition as reinforcement learning: feedback modulates emotion inference. *Journal of Cognitive Neuroscience*, in press.
5. Foerde, K., Figner, B., Doll, B. B., Woyke, I. C., Braun, E. K., Weber, E. U., & Shohamy, D. (2016). Dopamine modulation of intertemporal decision-making: Evidence from Parkinson's disease. *Journal of Cognitive Neuroscience*, 28(5).
6. Marvin, C. B., & Shohamy, D. (2016). Curiosity and reward: valence predicts choice and information prediction errors enhance learning. *Journal of Experimental Psychology: General*, 145(3).
7. Sharp, M. E., Foerde, K., Daw, N. D., & Shohamy, D. (2015). Dopamine selectively remediates' model-based reward learning: A computational approach. *Brain*, 139:355-64.
8. Van Snellenberg, J. X., Girgis, R. R., Horga, G., van de Giessen, E., Slifstein, M., Ojeil, N., ... & Smith, E. E. (2016). Mechanisms of working memory impairment in schizophrenia. *Biological Psychiatry*.
9. Sharp, M., Foerde, K., Daw, N., & Shohamy, D. (2015). Learning processes in Parkinson's disease and healthy aging (I3-5C). *Neurology*, 84(14 Supplement), I3-5C.
10. Foerde*, K., Steinglass*, J., Shohamy, D., & Walsh, B.T. (2015). Neural mechanisms supporting maladaptive food choices in Anorexia Nervosa. *Nature Neuroscience*, 18, 1571-1573.
11. Shohamy, D. & Daw, N. D. (2015). Integrating memories to guide decisions. *Current Opinion in Behavioral Sciences*, 5(2015), 85-90.

12. Doll, B. B., Duncan, K. D., Simon, D. A., Shohamy, D., & Daw, N. D. (2015). Model-based choices involve prospective neural activity. *Nature Neuroscience*, 18, 767-772.
13. Doll, B. B., Shohamy, D., & Daw, N. D. (2015). Multiple memory systems as substrates for multiple decision systems. *Neurobiology of learning and memory*, 117, 4-13.
14. Steinglass, J., Foerde, K., Kostro, K., Shohamy, D., & Walsh, B. T. (2015). Restrictive food intake as a choice—A paradigm for study. *International Journal of Eating Disorders*, 48(1), 59-66.
15. Schmidt, L., Braun, E. K., Wager, T., & Shohamy, D. (2014) Mind matters: Placebo enhances reward learning in Parkinson's disease. *Nature Neuroscience*, 17(12), 1793-1797.
16. Roy, M., Shohamy, D., Daw, N.D., Jepma, M., Wimmer, G.E., & Wager, T. (2014). Representation of aversive prediction errors in the human periaqueductal grey. *Nature Neuroscience*, 17(11), 1607-1612.
17. Wimmer, G. E. Braun, E.K., Daw, N.D., & Shohamy, D. (2014). Episodic memory encoding interferes with reward learning and decreases striatal prediction errors. *Journal of Neuroscience*, 34(45), 14901-14912.
18. Gerraty, R.*, Davidow, J*, Wimmer, G. E., Kahn, I., & Shohamy, D. (2014). Transfer of learning related to intrinsic connectivity between hippocampus, ventromedial prefrontal cortex, and large-scale networks. *The Journal of Neuroscience*, 34(34), 11297-11303.
19. Van Snellenberg, J. X., Slifstein, M., Read, C., Weber, J., Thompson, J. L., Wager, T. D., Shohamy, D., Abi-Dargham, A., & Smith, E. E. (2014). Dynamic shifts in brain network activation during supracapacity working memory task performance. *Human brain mapping*.
20. Doll, B. B., Shohamy, D., & Daw, N. D. (2014). Multiple memory systems as substrates for multiple decision systems. *Neurobiology of learning and memory*.
21. Insel, C., Reinen, J., Weber, J., Wager, T. D., Jarskog, L. F., Shohamy, D., & Smith, E. E. (2014). Antipsychotic dose modulates behavioral and neural responses to feedback during reinforcement learning in schizophrenia. *Cognitive, Affective, & Behavioral Neuroscience*, 14(1), 189-201.
22. Reinen, J., Smith, E. E., Insel, C., Kribs, R., Shohamy, D., Wager, T. D., & Jarskog, L. F. (2014). Patients with schizophrenia are impaired when learning in the context of pursuing rewards. *Schizophrenia research*, 152(1), 309.
23. Shohamy, D. & Turk-Browne, N. (2013). Mechanisms for widespread hippocampal involvement in cognition. *Journal of Experimental Psychology: General*, 142(4), 1159-1170.
24. Wimmer, G.E. & Shohamy, D. (2013). Dopamine and the cost of aging. *Nature Neuroscience (News & Views)*, 16(5), 519-521.
25. Foerde, K., Race, E., Verfaellie, M., & Shohamy, D. (2013). A role for the medial temporal lobe in incremental feedback-driven learning: Evidence from amnesia. *Journal of Neuroscience*, 33, 5698-704.
26. Kahn, I. & Shohamy, D. (2013). Intrinsic connectivity between the hippocampus, nucleus accumbens and ventral tegmental area in humans. *Hippocampus*, 23(3):187-192.
27. Wimmer, G.E. & Shohamy, D. (2012). Preference by association: How memory mechanisms in the hippocampus bias decisions. *Science*, 338, 270-273.
28. Foerde, K., Braun, E.K. & Shohamy, D. (2012) A tradeoff between feedback-based learning and episodic memory for

- feedback events: Evidence from Parkinson's disease. *Neurodegenerative Disorders*, 11:93-101.
29. Roy, M., Shohamy, D., & Wager, T.D. (2012). Ventromedial prefrontal-subcortical systems and the generation of affective meaning. *Trends in Cognitive Sciences*, 16(3), 147-156.
 30. Wimmer, G.E., Daw, N.D. & Shohamy, D. (2012). Generalization of value in reinforcement learning by humans. *European Journal of Neuroscience*, Special Issue: Beyond Simple Reinforcement Learning, 35(7), 1092-1104.
 31. Ivleva, E., Shohamy, D., Mihalakos, P., Morris, D.W., Carmody, T. & Tamminga, C.A. (2012). Memory generalization is selectively altered in the psychosis dimension. *Schizophrenia Research*, 138(1), 74-80.
 32. Foerde, K. & Shohamy, D. (2011). The role of the basal ganglia in learning and memory: Insight from Parkinson's disease. *Neurobiology of Learning and Memory*, 96(4), 624-36.
 33. Foerde, K. & Shohamy, D. (2011). Feedback timing modulates brain systems for learning in humans. *Journal of Neuroscience*, 31(37), 13157-13167.
 34. Shohamy, D. (2011). Learning and motivation in the human striatum. *Current Opinion in Neurobiology*, 21(3), 408-414.
 35. Wimmer, G.E. & Shohamy, D. (2011). The striatum and beyond: Hippocampal contributions to decision making. In M. Delgado, E.A. Phelps, & T.W. Robbins (Eds.), *Attention & Performance XXII* (pp. 281-309). Oxford: Oxford University Press.
 36. Sadeh, T., Shohamy, D., Levy, D.R., Reggev, N., & Maril, A. (2011). Cooperation between the hippocampus and the striatum during episodic encoding. *Journal of Cognitive Neuroscience*, 23(7), 1597-1608.
 37. Shohamy, D. & Adcock, R.A. (2010). Dopamine and adaptive memory. *Trends in Cognitive Science*, 14(10), 464-472.
 38. Wilbrecht, L. & Shohamy, D. (2010). Neural circuits can bridge systems and cognitive neuroscience. *Frontiers in Human Neuroscience*, 3, 81.
 39. Shohamy, D., Mihalakos, P., Chin, R., Thomas, B., Wagner, A.D., & Tamminga, C. (2010). Learning and generalization in Schizophrenia: Effects of disease and antipsychotic drug treatment. *Biological Psychiatry*, 67(10), 926-932.
 40. Djonlagic, I., Rosenfeld, A., Shohamy, D., Myers, C.E., Gluck, M.A., & Stickgold, R. (2009). Sleep enhances category learning. *Learning and Memory*, 16(12), 751-755.
 41. Shohamy, D. & Wagner, A.D. (2009). Integrative encoding. *American Journal of Psychiatry*, 166(3), 284.
 42. Meeter, M., Shohamy, D., & Myers, C.E. (2009). Acquired equivalence changes stimulus representations. *Journal of Experimental Analysis of Behavior*, 91(1), 127-141.
 43. Shohamy, D., Myers, C.E., Hopkins, R.O., & Gluck, M.A. (2009). Distinct hippocampal and basal ganglia contributions to probabilistic learning and reversal. *Journal of Cognitive Neuroscience*, 21(9), 1821-1833.
 44. Shohamy, D. & Wagner, A.D. (2008). Integrating memories in the human brain: Hippocampal-midbrain encoding of overlapping events. *Neuron*, 60(2), 378-389.
 45. Daw, N.D. & Shohamy, D. (2008). The cognitive neuroscience of motivation and learning. *Social Cognition*, Special Issue: Cognitive Motivation and Motivated Cognition, 26(5), 593-620.
 46. Shohamy, D., Myers, C.E., Kalanithi, J., & Gluck, M.A. (2008). Basal ganglia and dopamine contributions to probabilistic category learning. *Neuroscience and Biobehavioral Reviews*, 32(2), 219-236.

47. Vadhan, N.P., Myers, C.E., Rubin, E., Shohamy, D., Foltin, R.W., & Gluck, M.A. (2008). Stimulus-response learning in long-term cocaine users: Acquired equivalence and probabilistic category learning. *Drug and Alcohol Dependence*, 93(1-2), 155-162.
48. Nagy, H., Keri, S., Meyers, C.E., Benedek, G., Shohamy, D. & Gluck, M.A. (2007). Cognitive sequence learning in Parkinson's disease and amnesic mild cognitive impairment: Dissociation between sequential and non-sequential learning of associations. *Neuropsychologia*, 45(7), 1386-1392.
49. Shohamy, D., Myers, C.E., Gekhman, K.D., Sage, J., & Gluck, M.A. (2006). L-Dopa impairs learning, but spares generalization, in Parkinson's disease. *Neuropsychologia*, 44(5), 774-784.
50. Meeter, M., Myers, C.E., Shohamy, D., Hopkins, R.O., & Gluck, M.A. (2006). Strategies in probabilistic categorization: Results from a new way of analyzing performance. *Learning & Memory*, 13(2), 230-239.
51. Preston, A.R., Shohamy, D., Tamminga, C.A., & Wagner, A.D. (2005). Hippocampal function, declarative memory, and schizophrenia: anatomic and functional neuroimaging considerations. *Current Neurology and Neuroscience Reports*, 5(4), 249-256.
52. Shohamy, D., Myers, C.E., Grossman, S., Sage, J., & Gluck, M.A. (2005). The role of dopamine in cognitive sequence learning: Evidence from Parkinson's disease. *Behavioral Brain Research*, 156(2), 191-199.
53. Shohamy, D., Myers, C.E., Grossman, S., Sage, J., Gluck, M.A., & Poldrack, R.A. (2004). Cortico-striatal contributions to feedback-based learning: Converging data from neuroimaging and neuropsychology. *Brain*, 127(Pt 4), 851-859.
54. Hopkins, R.O., Myers, C.E., Shohamy, D., Grossman, S., & Gluck, M.A. (2004). Impaired probabilistic category learning in hypoxic subjects with hippocampal damage. *Neuropsychologia*, 42(4), 524-535.
55. Shohamy, D., Myers, C.E., Onlaor, S., & Gluck, M.A. (2004). Role of the basal ganglia in category learning: How do patients with Parkinson's disease learn? *Behavioral Neuroscience*, 118(4), 676-686.
56. Aron, A.R., Shohamy, D., Clark, J., Myers, C.E., Gluck, M.A., & Poldrack, R.A. (2004). Human midbrain sensitivity to cognitive feedback and uncertainty during classification learning. *Journal of Neurophysiology*, 92(2), 1144-1152.
57. Myers, C.E., Shohamy, D., Gluck, M.A., Grossman, S., Onlaor, S., & Kapur, N. (2003). Dissociating medial temporal and basal ganglia memory systems with a latent learning task. *Neuropsychologia*, 41(14), 1919-1928.
58. Myers, C.E., Shohamy, D., Gluck, M.A., Grossman, S., Kluger, A., Ferris, S., Golomb, J., Schnirman, G., & Schwartz, R. (2003). Dissociating hippocampal versus basal ganglia contributions to learning and transfer. *Journal of Cognitive Neuroscience*, 15(2), 185-193.
59. Gluck, M.A., Shohamy, D., & Myers, C.E. (2002). How do people solve the "Weather Prediction" task? Individual variability in strategies for probabilistic category learning. *Learning and Memory*, 9(6), 408-418.
60. Poldrack, R.A., Clark, J., Pare-Blagoev, E.J., Shohamy, D., Creso Moyano, J., Myers, C., & Gluck, M.A. (2001). Interactive memory systems in the human brain. *Nature*, 414(6863), 546-550.
61. Shohamy, D., Allen, M.T., & Gluck, M.A. (2000). Dissociating entorhinal and hippocampal involvement in latent inhibition. *Behavioral Neuroscience*, 114(5), 867-874.

INVITED SYMPOSIA AND TALKS

International and National Meetings

2016

Cognitive Neuroscience Society Invited Symposium – “Reactivating memories to guide decisions”

- 2016 Whistler Scientific Workshop –“Brain networks for learning: connectivity, flexibility, and individual difference”, Whistler-Blackcomb, BC, Canada
- 2016 ISAN- “How memory mechanisms in the hippocampus guide value-based decisions”, Haifa University, Haifa, Israel.
- 2016 CRCNS Investigator meeting; “How episodic memory guides decisions: Computational and cognitive mechanisms”, Seattle, WA.
- 2015 NYU-Duke Neuroeconomics Summer Institute, Shanghai, China
- 2015 International Neuropsychological Symposium, “Medial temporal lobe contributions to non-memory functions”, Collioure, France
- 2015 FENS conference on “Bridging Neural Mechanisms and Cognition”, Copenhagen, Denmark
- 2015 Computational and Systems Neuroscience (CoSyNe), Workshop on “Memory in action: The role(s) of the hippocampus in decisions for reward”, Salt Lake City, Utah.
- 2015 FENS Winter School, “The neuroscience of decision making”, Austria
- 2015 Symposium on the Science of Propection, Philadelphia, PA
- 2014 International Symposium on “Biology of Decision Making”, Paris, France
- 2014 Workshop on *Neuroeconomics: Recent Advances and Future Directions*, Erice, Italy
- 2014 International Meeting on *Memory and the Brain in Health and Disease*, Toronto, Canada
- 2014 Young Investigator Award Recipient Talk, Cognitive Neuroscience Society Annual Meeting, Boston, MA
- 2013 Symposium on “Learning, Memory and Value”, Society for Neuroscience, San Diego
- 2013 “Reinforcement Learning and Decision Making” Annual Meeting, Princeton, NJ
- 2013 Computational Psychiatry, Miami, Florida
- 2013 International Meeting on “Decision Making in the Brain”, Keio University, Japan
- 2012 Symposium on “Rewards, Habits and Learning: Towards an Integrative View of FrontoStriatl Function ”, Columbia University (Organizer and Speaker)
- 2012 Memory Disorders Research Society Annual Meeting, Symposium on “Learning About and Using Regularities to Guide Behavior”, Davis, CA (Chair and Speaker)
- 2012 Pavlovian Society Annual Meeting, Jersey City, NJ
- 2012 Annual meeting of the Society for Philosophy and Psychology; Symposium on “Automatic vs. Controlled Processes in Motivation”, Boulder, CO
- 2011 Winter Conference on Brain Research, Keystone, CO. Symposium on “*Investigations into the neural circuits mediating model-based learning about reward value versus identity*”
- 2011 Memory Disorders Research Society Annual Meeting, Symposium on “Memory and Cognitive Dysfunction in Parkinson’s Disease”, Barcelona, Spain
- 2010 International Basal Ganglia Society Annual Meeting, NJ. Symposium on “*Cognitive functions of the basal ganglia*”
- 2010 Cognitive Neuroscience Society Annual Meeting, Montreal, Canada. Symposium on “*Dopamine and Adaptive Memory*” (Chair and Speaker)
- 2009 American Psychological Science Annual Meeting, San Francisco, CA. Symposium on “*New advances in understanding memory*”
- 2008 Annual meeting of the Society of Personality and Social Psychology, Albuquerque, NM. Symposium on “*Goal-Directed Learning Outside the Cartesian Theater*”.
- 2005 International Conference on “*Basal Ganglia, Dopamine and Learning: Integrating Computational and Clinical Perspectives*”, Hebrew University, Israel

University Seminars and Small Meetings

- 2015 Washington University, Dept. of Psychology, Colloquium Series
- 2015 Zurich, Dept. of Economics, Neuroeconomics Talk Series
- 2014 Brain, Mind and Society Seminar Series, Caltech, CA
- 2014 Functional MRI Speaker Series, University of Michigan, Ann Arbor, MI
- 2013 Center for Memory and Brain, Boston University, MA
- 2013 Center for Cognitive Neuroscience, University of Pennsylvania, PA
- 2013 Department of Psychology, Yale University, NY
- 2013 Sackler Summer Course in Developmental Neuroscience, Cornell Medical School, NY
- 2013 Cognition in Huntington’s Disease, Princeton, NJ
- 2013 Functional Imaging Laboratory, UCL, London, UK

- 2013 Workshop on “Advances in Memory Systems”, NYU, NY
2013 Department of Psychology, University of Arizona, AZ
2013 Hebrew University Cognitive Science Talk Series, Jerusalem, Israel
2012 Social and Affective Neuroscience Talk Series, Princeton, NJ
2012 Symposium on “Statistics of the Mind”, Columbia University, NY
2012 Workshop on “The Striatum”, University College, London, UK
2012 Sackler Summer Course in Developmental Neuroscience, Cornell Medical School, NY
2011 Magnetic Resonance Research Center, Yale University, CT
2011 Neuroeconomics Talk Series, New York University, NY
2011 Rotman Research Institute, University of Toronto, Canada
2011 Krasnow Institute Talk Series, George Mason University
2011 Department of Psychiatry, Cornell University
2011 Department of Neurology, Division of Movement Disorders, Columbia University Medical Center
2011 Biopsychology Colloquium Series, Tel-Aviv University, Israel
2010 Memory in Brain Talk Series, New York University, NY
2010 Center for Theoretical Neuroscience, Columbia University
2010 Neuroscience and Behavior Colloquium, Amherst University
2010 Workshop on “*Dopamine and Learning*”, Boston, MA
2010 Department of Psychology, Princeton University, NJ
2010 Department of Psychology, Rutgers University, NJ
2010 Center for Cognitive Neuroscience, Duke University, NC
2009 Department of Neuroscience, University of Texas, Southwestern
2009 Department of Psychology, New York University, NY
2009 Sackler Institute for Developmental Psychobiology, Cornell University
2009 Department of Psychiatry, Columbia University, NY
2009 Functional Imaging Lab, University College London, UK
2009 Neurobiology Seminar, Columbia University, NY
2009 Banbury Workshop on Memory: “*Searching for Principles Underlying Memory in Biological Systems*”, Cold Spring Harbor, NY
2008 International Symposium on *Attention & Performance: Decision Making*. Stowe, VT
2004 Cognitive Neuroscience of Category Learning workshop. NYC
2003 Workshop on “*Dopamine and Memory: Integrating Computational and Empirical Approaches*”, Rutgers University, NJ
2003 Department of Psychology, UCLA, CA
2002 Department of Psychology, Penn State University, PA
2000 Cognitive Neuroscience Lab, National Institute of Mental Health, Washington DC

Public Outreach/Popular Press Coverage

- 2016 WNYC “Note to Self” program with Manoush Zomorodi
2016 Public performance, WNYC, Information overload and the brain
2015 TIME magazine online; featured program on our findings re decision making in Anorexia
2015 NY Times, featured news article on our findings re decision making in Anorexia
2015 Nature Podcast, featured interview on our findings re decision making in Anorexia
2013 Public event on *The Future of Learning* organized by Columbia Business School Executive Education
2013 Learning and the Brain, Columbia University’s *Brain Series* for alumni and trustees, Carlyle Hotel, NYC
2013 *Cognitive Neuroscience for Journalists*, School of Journalism, Columbia University
2013 Dopamine, Learning and Motivation, lecture for educators and parents, in *Learning and the Brain* event Columbia University, NYC
2013 Los Angeles Times “How our powerful memories can also bias our decisions” (October 11)
2012 Public Lecture on “How We Remember, Why We Forget, and Why It Matters”, University of Washington Edwards Series, Seattle, WA
2011 Calhoun School of NYC, Workshop on *Neuroscience and Education*
2010 *Cognitive Neuroscience for Journalists*, School of Journalism, Columbia University

PROFESSIONAL SERVICE

Committees and Boards

2007-present Graduate Admissions Committee, Dept. of Psychology
2010-present Colloquium Committee, Dept. of Psychology
2009 Department of Psychology Search Committee
2010 Department of Psychology Search Committee
2010 – 2013 Board Member, Society for Neuroeconomics

Grant Reviews

Fall 2009 Ad-hoc Reviewer for NIDA I-Start Grants
Fall 2010 Ad-hoc Reviewer for NIDA I-Start Grants
Spring 2010 Ad-hoc Reviewer for NSF
Fall 2010 Ad-hoc Reviewer for NSF

Ad Hoc Reviewer for Scientific Publications

Brain, Behavioral Neuroscience, Cerebral Cortex, Cognitive, Behavioral and Affective Neuroscience, Frontiers in Neuroscience, Hippocampus, Journal of Cognitive Neuroscience, Journal of Neuroscience, Learning & Memory, Nature Neuroscience, NeuroImage, Neuron, Neuropsychologia, PloS, PNAS, Science

Professional Memberships

Columbia's Kavli Center for Brain Science, Cognitive Neuroscience Society, Society for Neuroeconomics, Society for Neuroscience, Association for Psychological Science, Human Brain Mapping, Memory Disorders Research Society

TEACHING

Cognitive Neuroscience and the Media, Columbia University	2010-present
Learning and the Brain, Columbia University	2009-present
Mind, Brain and Behavior, Columbia University	2008-present
Methods and Issues in Cognitive Neuroscience, Columbia University	2008-2010
Learning and Memory, Guest Lecturer, Stanford University	2004-2006
Memory and Cognition, Guest Lecturer, Rutgers University	2003
Foundations of Neuroscience, TA, Rutgers University	1999-2000
Learning and Memory, TA, Rutgers University	2001
Learning & Memory, TA, Rutgers University	2001
Introduction to the Brain, Guest Lecture, UN High School, NYC	2001