CURRICULUM VITAE

Michael L. Platt
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Date and Place of Birth: 30 May, 1967, Parma, Ohio

EDUCATION

Post-doctoral Fellowship, Neuroscience, New York University, 1994-1999
Cold Spring Harbor Course, *Structure, Function, and Development of the Visual System*, 1995
Ph.D., Biological Anthropology, University of Pennsylvania, 1994
B.A. *cum laude*, Biological Anthropology, Yale University, 1989

ACADEMIC POSITIONS

Director, Duke Institute for Brain Sciences, Duke University, October 2011-present
Director, Center for Cognitive Neuroscience, Duke University, July 2009-present
Professor, Department of Neurobiology, Duke University, November 2009-present (**Primary Appointment**)
Professor, Department of Evolutionary Anthropology, Duke University, 2009-present
Professor, Department of Psychology & Neuroscience, Duke University, 2010-present
Co-Convener, Neurohumanities Research Group, Duke University, 2010-present
Visiting Lecturer, Duke University Law School, 2012
Center Investigator, P-30 NINR Center of Excellence, Adaptive Leadership for Cognitive/Affective Symptom Science, Duke University School of Nursing
Associate Professor, Department of Neurobiology, Duke University, 2006-2009
Associate Professor, Department of Evolutionary Anthropology, Duke University, 2006-present
Co-Director, Center for Neuroeconomic Studies, Duke University, 2005-2009
Assistant Professor, Department of Neurobiology, Duke University, 2000-2006
Assistant Professor, Department of Biological Anthropology and Anatomy, Duke University, 2001-2006
Core Faculty, Center for Cognitive Neuroscience, Duke University, 2000-Current
Research Associate, Center for Neural Science, New York University, 1997-2000
Lab Coordinator, Behavioral and Integrative Neuroscience, NYU, 1998
Individual NRSA Post-doctoral Fellow, Center for Neural Science, NYU, 1994-1997
Research Scientist, Callitrichid Research Center, University of Nebraska, 1992-1994
Instructor, Introduction to Biological Anthropology, University of Pennsylvania, 1992

HONORS AND FELLOWSHIPS

Ruth and A. Morris Williams Faculty Research Prize, Duke Medical School, 2013
Sage Lecture, University of California Santa Barbara, 2013
Astor Visiting Lectureship, Oxford University, 2013 (postponed)
Faculty of 1000 Prime Recommended Paper (2013)
Chris Comer Memorial Lecture, University of Illinois Chicago (2011)
President, Society for Neuroeconomics (2008-2009)
Faculty of 1000 Notable Paper (2009)
Faculty Fellows Seminar Fellow, Duke University (2009-2010)
Master Teacher/Clinician Award, Duke University School of Medicine (2008)
Lord Adrian Lecture, Cambridge University (2008)
Minerva Foundation Gold Brain Award Nominee (2006)
Golden Apple Teaching Award Nominee (2006, 2007)
Faculty of 1000 Notable Paper (2005)
NIH Loan Repayment Program Award in Clinical Research (renewal), 2006-2008
Cure Autism Now Pilot Research Award, 2005-2007
Duke Provost's Common Fund Award, 2004-2005
NIH Loan Repayment Program Award in Clinical Research, 2003-2005
Esther and Joseph Klingenstein Fellowship, 2002-2005
EJLB Foundation Scholar Award, 2002-2005
Alfred P. Sloan Foundation Fellowship, 2001-2003
Whitehall Foundation Grant, 2000-2003
McDonnell-Pew Program in Cognitive Neuroscience Award, 2000-2003
NIH Individual National Research Service Award Post-doctoral Fellowship, 1994-1997
Dissertation Fellowship, University of Pennsylvania, 1993-1994
National Science Foundation Dissertation Improvement Grant, 1992-1993
Pepper Fellowship, University of Pennsylvania, 1991-1992
University Fellowship, University of Pennsylvania, 1989-1991
Summer Research Fellowship, Department of Anthropology, U. Pennsylvania, 1991
NSF Research Experience for Undergraduates Fellowship, 1988

LEADERSHIP, ADMINISTRATION, AND SERVICE

Search Committee, Provost, Duke University, 2013-
Duke Forward Capital Campaign Regional Presentation Director, 2013-present
Duke Alumni Clubs of New Jersey and North Texas Presentation Director, 2013-14
Duke Parents' Board Presentation Director, 2014
Duke Academic Leadership Council (Provost's Cabinet), Duke U., 2011-present
Duke Health Systems Chancellor's Academic Cabinet, 2011-present
External Advisory Board, Silvio O. Conte Center for Oxytocin and Social Cognition, Emory University, 2013-
Academic Council, Duke University, 2013-present
Search Committee, Chair of Neurology, Duke University School of Medicine, 2012-2013
Search Committee, Director of Neurobiology and Behavior Program, Duke-National University of Singapore, 2012-2013
National Institute on Aging, Board of Scientific Councillors, ad-hoc member, 2012
Co-Chair, NIMH Grant review panel, Decision-making across the lifespan, 2012

Director, Duke Institute for Brain Sciences, Duke U., 2011-present
Director, Center for Cognitive Neuroscience, Duke U., 2009-present
Duke Health System Chancellor's Academic Cabinet, 2011-present
Duke Medical Center Executive Committee, 2011-present
Duke Bass Connections Planning Committee, 2012-2013
Duke Informational Futures Planning Committee, 2012-2013
Site Visit Panel Member, Yerkes National Primate Center, 2010
Press Release Moderator, Society for Neuroscience Annual Meeting, 2011
Duke Institute for Brain Sciences Advisory Board, 2009-2011
Duke Center for Decision Sciences Advisory Board, 2010-present
Duke Eye Center NIH Core Grant participant, 2005-present
Duke Department of Neurobiology Steering Committee, 2007-present
Duke Department of Neurobiology Colloquium Speaker Committee, 2004-present
Duke Department of Neurobiology Broad Foundation Speaker Series, 2006-present
Duke Laboratory Animal Resources Advisory Committee, 2006-present
Duke Graduate Admitting Program in Cognitive Neuroscience Steering Committee, 2009-present
Duke Undergraduate Neuroscience Major Steering Committee, 2009-present
Duke Primate Genomics Initiative Steering Committee, 2009-present
MacArthur Foundation Ad-hoc Reviewer, 2009-present
Medical Research Council, UK, Ad-hoc Reviewer, 2009-present
BME/CCN Faculty Search Committee, Duke U., 2007-2009
Pratt Engineering School Dean Search Committee, Duke U., 2007-2008
Biomedical Engineering Faculty Search Committee, Duke U., 2007-2009
Medical Science Training Program Director Search Committee, 2007-2008
Provost's committee on Biological Anthropology and Anatomy, 2006-2007
Co-director, Center for Neuroeconomic Studies, Duke University
President, Society for Neuroeconomics, 2009-2010
Governing Board, Society for Neuroeconomics 2005-present
Co-Chair, "Faces, Voices, and the Neuroethology of Primate Behavior," Symposium, Society for Neuroscience meeting, November 2005
NIH Conte Center review panelist, March 2005
Slide Session Moderator, Visual Cortex: Cognitive Factors, Society for Neuroscience Annual Meeting, San Diego, CA, October, 2004
"Neural Coding of Optimal Returns" panelist, Neuroeconomics Society Annual Meeting, Kiawah, SC, September 2004
Duke University Primate Center Research Board, 2004-2010
Retreat Committee, Department of Neurobiology, Duke University Medical Center, 2003-present
Search Committee, Program in Neural Analysis, Department of Biomedical Engineering, Duke University 2003
Admissions Committee, Dept. Neurobiology, Duke University Medical Center
Coordinator for *Cortex Club*, Dept. Neurobiology, Duke University Medical Center
Panelist, NSF/NIH Collaborative Research in Computational Neuroscience Review Panel, May 2002
Duke University Primate Center Internal Advisory Board, 2002-present

Moderator, Session on Binding and Conscious Experience, Association for the Scientific Study of Consciousness 5th Annual Meeting, Durham, NC, May 2002
Chairman, Neurobiology Department Website Re-Design Committee

External support - gifts, grants and contracts:

Purpose	Approximate Amount	Duration
Past:		
NIH Postdoctoral Individual NRSA (Role: Fellow)	$65,000	1994-1997
McDonnell-Pew Award in Cognitive Neuroscience "Role of Posterior Cingulate Cortex in Sensory-Motor Integration"	$150,000 Total direct costs	7/1/00-6/30/04
Whitehall Foundation "Role of Posterior Cingulate Cortex in Eye Movement Control"	$212,250 Total direct costs	9/01/00- 8/31/04
Ruth Kirchstein Individual NRSA Post-doctoral Fellowship (Platt Sponsor; Deaner, PI) "Neural basis of social attention"	$138,832 Total direct costs	8/1/03-7/31/06
Ruth Kirchstein Individual NRSA Post-doctoral Fellowship (Platt Sponsor; Dean, PI) "Spatial transformations in posterior cingulate cortex"	$101,370 Total direct costs	12/1/03- 12/31/06
Alfred P. Sloan Foundation "Alfred P. Sloan Research Fellowship"	$40,000 Total direct costs	9/15/01- 9/14/04
The EJLB Foundation Scholar Research Programme	$172,458 Total direct costs	1/1/02- 12/31/04
NIH/NEI R01 EY013496 "Role of Posterior Cingulate Cortex in Eye Movement Control"	$475,000 Total direct costs	4/1/02- 5/31/06
NIH/NIMH R03 MH66259 "Neuroethology of Attention in Primates"	$100,000 Total direct costs	9/1/02- 7/31/05
Duke Provosts' Common Fund "Neuroeconomics of Decision-making"	$43,892 Total direct costs	7/1/04- 6/30/05

Ruth Kirchstein Individual NRSA Post-doctoral Fellowship (Platt Sponsor; Roitman, PI) "Numerical processing in parietal cortex"	$101,370 Total direct costs	8/1/03– 7/31/05
The Esther A. & Joseph Klingenstein Fund "Sensory, Motor and Emotional Integration in Cingulate Cortex"	$150,000 Total direct costs	7/1/02– 6/30/06
Duke University Medical Center Start-Up Funding	$300,000 (Base)	3/01/00- 2/28/05
Cure Autism Now Foundation "Neurophysiological Investigations of Social Attention in an Animal Model"	$120,000 Total direct costs	2/1/05-1/30/07
NIH/NIMH 1 R01 MH071817 "Neural Basis of Social Attention"	$170,000 Total direct costs	6/1/06- 5/31/09
Autism Speaks Foundation "The Neural Basis of Social Decision-making"	$76,000 Total direct costs	7/1/07-6/30/09
Autism Speaks Foundation "Neural basis of social gaze-following deficits explored in an animal model"	$54,000 Total direct costs	7/1/07-6/30/09

Current:

NIH/NIMH R01 MH096875 (Role: PI) "Animal Model of Genetics and Social Behavior in Autism Spectrum Disorders"	$2,722,018 Total direct costs	6/15/12 – 4/30/17
NIH/NIMH R01 MH095894 (Role: PI) "Neuronal Basis of Vicarious Reinforcement Dysfunction in Autism Spectrum Disorder"	$1,000,666 Total direct costs	2/21/12 – 11/30/16
NIH/NEI R01 EY013496 (Role: PI) "Motivation and Attention in Posterior Cingulate Cortex"	$1,250,000 Total direct costs	6/1/05- 5/31/11
Duke Institute for Brain Sciences "Decisions under risk: from phenotype to mechanism"	$400,000 Total direct costs	7/1/07-6/30/11

NEI/NIMH R01 EY019303 (Role: PI) "Contributions of Areas LIP and VIP to Numerical Behavior"	$900,000 Total direct costs	4/1/09-3/31/13
- Administrative Supplement (01A1S1)	$309,850 (addl direct costs)	9/30/09-9/29/11
NIH/NIMH R01 MH-086712 (Role: PI) "Neural Mechanisms of Social Reward Valuation and Decision Making"	$ 2,043,944 Total direct costs	8/1/2009- 4/30/2014
NIH/NIMH R01 MH089484 (Role: PI) "A Neurogenetic Model of Social Behavior Heterogeneity in Autism Spectrum Disorders"	$1,273,681 Total direct costs	9/30/2009- 8/31/2012
NIH/NIMH RC1 MH088680 (PI: Huettel, Scott; Role: Co-Inv.) "From Phenotype to Mechanism: Mapping the Pathways Underlying Risky Choice"	$638,764 Total direct costs	9/30/2009- 8/31/11
NIH/NIDA P30 DA028803 (Role: PI) "Center for Neuroeconomics of Drug Addiction"	$1,000,000 Total direct costs	9/30/2009- 8/31/11
Department of Defense AR100035 (Role: PI) "Neural basis of empathy and its dysfunction in Autism Spectrum Disorders (ASD)"	$450,000 Total direct costs	8/1/2011- 7/30/2014
Tourette Syndrome Association (Role: PI) "Neural Mechanisms of Self-Control"	$12,595 Total direct costs	9/1/10-8/31/11
Ruth K. Broad Biomedical Research Fnd. (Fellowship - Role: PI) "Neural Basis of Other-Regarding Preference"	$46,638 Total direct costs	7/1/10-6/30/11

NIH/NINDS T32 NS051156 (Role: Training Faculty; PI: James McNamara) "Training in Fundamental and Translational Neuroscience"	$990,800 Total direct costs	7/1/10-6/30/15
NIH/NIGMS T32 GM008441 (Role: Training Faculty; PI: James McNamara) "Basic Predoctoral Training in Neuroscience"	$1,250,400 Total direct costs	7/10/07-6/30/12
NIH/NIGMS T32 GM007171 (Role: Mentor; PI: Christopher Kontos) "Medical Scientist Training Program"	$1,510,766 Annual direct costs	7/1/07-6/30/12
NIH/NIDA K99 DA027718 (Role: Mentor; Fellow: Benjamin Hayden) "Dopamine and the Role of Anterior Cingulate Cortex in Executive Processes"	$154,517 Total direct costs	5/1/10-4/30/12
NIH/NIMH K99 MH099093 (Role: Mentor; Fellow: Wohn C. Chang) "Role of Oxytocin in the Amygdala-Prefrontal Network During Social Decision-Making"	$152,126 Total direct costs	9/13/12 – 8/31/14
NIH/NIDA F31 028133 (Role: Mentor: Fellow: Sarah Heilbronner) "The Role of Cingulate Cortex in Reward-Based Decision Making"	$96,921 Total direct costs	2/1/10-1/31/13

PEER-REVIEWED PUBLICATIONS

Chang SWC and **Platt ML** (2013) Oxytocin and social cognition in rhesus macaques: Implications for understanding and treating human psychopathology. Brain Research, *in press.*

Ebitz RB and **Platt ML** (2013) An evolutionary perspective on the behavioral consequences of exogenous oxytocin application. Frontiers in Behavioral Neuroscience. *In press*.

Yorzinski JL and **Platt ML** (2013) Selective attention in peacocks during predator detection. Animal Cognition, *in press.*

Brent LJN, Chang SWC, Gariepy JF, and **Platt ML** (2013) The Neuroethology of Friendship. Ann. NY Acad. Sci., *in press*.

Heilbronner SR and **Platt ML** (2013) Causal evidence of performance monitoring by neurons in posterior cingulate cortex during learning. Neuron, *in press*.

Pearson JM, Watson KK, Klein JT, Ebitz RB, **Platt ML** (2013) Individual differences in social information gathering revealed through Bayesian hierarchical models. Frontiers in Decision Neuroscience. *In press*.

Yorzinski, J.L., Patricelli, G.L., Babcock, J., Pearson, J.M. & **Platt, M.L.** (2013) Through their eyes: selective attention in peahens during courtship. Journal of Experimental Biology 216: 3035-3046. *(Editor's Choice, Science Magazine)*

Brent LJN, Semple S, MacLarnon A, Ruiz-Lambides A, Gonzalez-Martinez J, and **Platt ML** (2013) Personality traits in rhesus macaques are heritable but do not predict reproductive output. Int. Journal Primatol., *in press*.

Gariepy JF, Chang SW, and **Platt ML** (2013) Brain games: Towards a neuroecology of social behavior. Behavioral and Brain Sciences, Volume 36: 424-425.

Ebitz RB, Watson KK, and **Platt ML** (2013) Oxytocin blunts social vigilance in the rhesus macaque. PNAS doi:10.1073/pnas.1305230110.

Chang SWC, Brent LJN, Adams GK, Klein JT, Pearson JM, Watson KK, and **Platt ML** (2013) Neuroethology of primate social behavior. PNAS doi: 10.1073/pnas.1301213110.

Klein, J and **Platt, ML** (2013) Social signals in primate striatum. Current Biology Volume 23, Issue 8, 691-696.

Machado CJ, Bliss-Moreau E, **Platt ML**, Amaral DG (2013) Social and Nonsocial Content Differentially Modulates Visual Attention and Autonomic Arousal in Rhesus Macaques. PLoS ONE 6(10): e26598. doi:10.1371/journal.pone.0026598. Correction: 8(1).

Pearson JM and **Platt ML** (2013) Change detection, multiple controllers, and dynamic environments: insights from MOSAIC. Journal of the Experimental Analysis of Behavior. Jan;99(1):74-84.

Brent LJN, Heilbronner SR, Horvath JE, Gonzalez-Martinez J, Ruiz-Lambides AV, Robinson A, Skene JHP, **Platt ML.** (2013) Genetic origins of social networks in rhesus macaques. Nature Scientific Reports. 3:1042. **Faculty of 1000 Recommended paper.*

Addicott MA, Pearson JM, Wilson J, **Platt ML**, McClernon FJ (2013). Smoking and the bandit: A preliminary study of smoker and non-smoker differences in exploratory behavior measured with a multi-armed bandit task. Experimental and Clinical Psychopharmacology. Feb;21(1):66-73.

Chang SW, Gariepy JF, and **Platt ML** (2012) Neuronal reference frames for social decisions in primate frontal cortex. Nature Neuroscience. Dec 23;16(2):243-50.

Roy A, Shepherd,SV, and **Platt ML** (2012) Reversible inactivation of pSTS suppresses social gaze following in the macaque (Macaca mulatta). Social Cognitive and Affective Neuroscience. Nov 28 doi: 10.1093/scan/nss123.

Brent LJN, MacLarnon A, **Platt ML**, Semple S. (2012) Seasonal changes in the structure of rhesus macaque social networks. Behavioral Ecology and

Sociobiology. DOI 10.1007/s00265-012-1455-8
Watson, K.K. and **Platt, M.L.** (2012) Social signals in primate orbitofrontal cortex. Current Biology. Dec 4;22(23):2268-73.
Buhl, J.S., Aure, B., Ruiz-Lambides, A., Gonzalez-Martinez, J., **Platt, M.L.**, and Brent, L.J.N. (2012) Response of Rhesus Macaques (Macaca mulatta) to the Body of a Group Member That Died from a Fatal Attack. Int. J. Primatol. DOI: 10.1007/s10764-012-9624.
Chang SW, Barack DL and **Platt ML** (2012) Mechanistic classification of neural circuit dysfunctions: Insights from neuroeconomics research in animals. Biol. Psychiatry, 72:101–106. (NIHMS361146, Publ.ID: BPS11357).
Chang SW, Barter JW, Ebitz RB, Watson KK and **Platt ML** (2012) Inhaled oxytocin amplifies both vicarious reinforcement and self reinforcement in rhesus macaques (Macaca mulatta). Proc Natl Acad Sci, 109, 959–964.
Watson, K.K., Ghodasra, J., Furlong, M.A., and **Platt, M.L.** (2012). Visual preferences for sex and status in female rhesus macaques. Animal Cognition. May;15(3):401-7.
Yorzinski, J.L. and **Platt, M.L.** (2012). The difference between night and day: Antipredator behavior in birds. Journal of Ethology. 30: 211-218.
Paulsen, D. J., **Platt, M. L.**, Huettel, S. A., & Brannon, E. M. (2011). Decision-making under risk in children, adolescents, and young adults. Frontiers in Psychology, 2:72.
Paulsen, D. J., Carter, R. M., **Platt, M. L**., Huettel, S. A., & Brannon, E. M. (2011). Neurocognitive development of risk aversion from early childhood to adulthood. Frontiers in Human Neuroscience, 5:178.
Heilbronner, S.R., Hayden, B.Y., & **Platt, M.L.** (2011). Context-dependent decision signals in posterior cingulate cortex. Frontiers in Decision Neuroscience, 5(55), 1-9.
Hayden, B.Y., Pearson, J., and **Platt, M.L.** 2011. Neuronal basis of sequential foraging decisions in the macaque. Nature Neuroscience. Jul;14(7):933-9.
Chang, S., Winecoff, A., and **Platt, M.L.** 2011. Vicarious reinforcement in rhesus macaques (*Macaca mulatta*). Frontiers in Decision Neuroscience. 5:27.
MacLean E. L., Matthews L., Hare B., Nunn C., Anderson R., Aureli F., Brannon E., Call J., Drea C., Emery N., Haun D., Herrmann E., Jacobs L., **Platt M**., Rosati A., Sandel A., Schroepfer K., Seed A., Tan J., van Schaik C., Wobber V. (2012). How does cognition evolve? Phylogenetic comparative psychology. Animal Cognition: 2011 1-16, 2012 Mar;15(2):223-38.
Hayden, B.Y., Heilbronner, S.R., Pearson, J.M., and **Platt, M.L.** 2011. Surprise signals in anterior cingulate cortex: neuronal encoding of unsigned reward prediction errors driving adjustments in behavior. J. Neurosci. Mar 16;31(11):4178-87.
Stanton, S., Mullette-Gillman, O., McLaurin, R., Kuhn, C., LaBar, K., **Platt, M.L.**, and Huettel, S. 2011. Low and high testosterone individuals exhibit decreased aversion to economic risk. Psych. Sci. Apr;22(4):447-53.
Pearson, J., Hayden, B.Y., and **Platt, M.L.** 2010. Explicit information reduces discounting behavior in monkeys. Frontiers in Comparative Psychology 1, article 237.

Hayden, B.Y., Smith, D.V., and **Platt, M.L.** 2010. Cognitive control signals in posterior cingulate cortex. Frontiers in Human Neuroscience 4, article 223.

Watson, K.K., Werling, D., Zucker, N., and **Platt, M.L.** 2010. Altered social reward and attention in anorexia nervosa. Frontiers in Psychopathology 1, article 36.

Hayden, B.Y., Heilbronner, S., and **Platt, M.L.** 2010. Ambiguity aversion in rhesus macaques. Frontiers in Decision Neuroscience 4, article 166.

Smith DV, Hayden BY, Truong TK, Song AW, **Platt ML**, Huettel SA. 2010. Distinct value signals in anterior and posterior ventromedial prefrontal cortex. J. Neurosci. 30(7):2490-5.

Hayden, B.Y. and **Platt, M.L.** 2010. Neurons in anterior cingulate cortex multiplex information about reward and action. J. Neurosci. 30(9):3339-46.

Yorzinski, J. and **Platt, M.L**. 2010. Same sex gaze attraction mediates mate choice copying in humans. PLoS One 5(2):e9115.

Pearson, J., Roitman, J.D., Brannon, E.M., **Platt, M.L**., and Raghavachari, S. 2010. A Physiologically-inspired Model of Numerical Classification Based on Graded Stimulus Coding. Frontiers in Neuroscience 4, article 1.

Pearson, J., Hayden, B.Y., and **Platt, M.L.** 2009. Neurons in posterior cingulate cortex signal exploratory decisions in a dynamic multi-option choice task. Current Biology 19(18):1532-7.

Long AB, Kuhn CM, **Platt ML.** 2009. Serotonin shapes risky decision-making in monkeys. Soc Cogn Affect Neurosci 4(4):346-356.

Hayden, B.Y. and **Platt, M.L.** 2009. The mean, the median, and the St. Petersburg paradox. Judgment and Decision Making 4(4):256-272.

Hayden, B.Y., Pearson, J., and **Platt, M.L.** 2009. Fictive reward signals in anterior cingulate cortex. Science 324:948-50.

Shepherd, S.V., Klein, J., and **Platt, M.L.** 2009. Mirroring of attention by neurons in macaque parietal cortex. PNAS 106(23):9489-94.

Hayden, B.Y., Smith, D. and **Platt, M.L.** 2009. Electrophysiological correlates of default-mode processing in macaque posterior cingulate cortex. PNAS 106(14):5948-53. **Faculty of 1000 Recommended paper.*

Watson, K.K., Ghodasra, J.H., and **Platt, M.L.** 2009. Serotonin transporter genotype modulates social reward and punishment in rhesus macaques. PLoS One 4(1):e4156.

MacLean, E. L., Prior, S. R., **Platt, M. L.**, & Brannon, E. M. 2009. Primate location preference in a double-tier cage: The effects of illumination and cage height. Journal of Applied Animal Welfare Science, 12(1):73 - 81

Hayden, B.Y., Nair, A.C., McCoy, A.N., and **M. L. Platt.** 2008. Posterior cingulate cortex mediates outcome-contingent allocation of behavior. Neuron Vol 60:19-25.

Hayden, B.Y., and **Platt, M.L.** 2008. Gambling for Gatorade: Risk-sensitive decision making for fluid rewards in humans. Animal Cognition 12(1):201-207.

Hayden, B.Y, Nair, A., and **Platt, M.L.** 2008. Cognitive influences on risk-seeking by macaque monkeys. Judgement and Decision Making 3(5):359-395.

Watson, K.K. and **Platt, M.L.** 2008. Neuroethology of reward and decision making. Phil. Trans. Royal Soc. London 363:3825-3835.

Klein, J., Deaner, R.O., and **Platt, M.L.** 2008. Social valuation signals in macaque parietal area LIP. Current Biology 18(6):419-24.

Hayden, B.Y., Parikh, P.C., Deaner, R.O., and **Platt, M.L.** 2007. Economic principles motivating social attention in humans. Proc. R. Soc. B. 274:1751-6.

Roitman, J.D., Brannon, E.M., and **Platt, M.L.** 2007. Monotonic coding of numerosity in macaque lateral intraparietal area. PLoS Biology 5(8):e208.

Shepherd, S.V. and **Platt, M.L.** 2007. Spontaneous social orienting and gaze-following in ringtailed lemurs (*Lemur catta*). Animal Cognition 11(1):13-20.

Watson, K. and **Platt, M.L.** 2006. Fairness and the Neurobiology of Social Cognition. Social Justice Research 19(2):186-193.

Roitman, J.D., Andrews, J.R., Brannon, E.M. and Platt, M.L. 2007. Nonverbal analog encoding of time and number in adult humans. Acta Psychologica 124(3):296-318.

Hayden, B.Y. and **Platt, M.L.** 2007. Temporal discounting predicts risk preferences in monkeys. Current Biology 17(1):49-53.

Deaner, R.O., Shepherd, S.V., and **Platt, M.L.** 2006. Familiarity enhances gaze-following in women but not men. Biology Letters 3:64-67.

Bendiksby, M.S. and **Platt, M.L**. 2006. Neural correlates of reward and attention in macaque area LIP. Neuropsychologia 44:2411-2420.

Huettel, S.A., Stowe, C.J., Gordon, E.M., Warner, B.T., and **Platt, M.L.** 2006. Neural signatures of economic preferences for risk and ambiguity. Neuron 49(5):765-75.

Shepherd, S.V., Deaner, R.O., and **Platt, M.L.** 2006. Social status gates social attention in rhesus macaques. Current Biology 16(4):R119-20.

Dean, H.L. and **Platt, M.L.** 2006. Allocentric coding of visual and saccade-related activity in macaque posterior cingulate cortex. J. Neurosci. 25:1117-27.

Shepherd, S.V. and **Platt, M.L.** 2006. Noninvasive telemetric gaze tracking in freely-moving socially-housed prosimian primates. Methods 38:185-194.

McCoy, A.N. and **Platt, M.L.** 2005. Risk-sensitive neurons in macaque posterior cingulate cortex. Nat. Neurosci.8:1220-1227. *(Selected for Cover Art)*

Roberts, S. and **Platt, M.L.** 2005. Effects of isosexual pair-housing on biomedical implants and study participation in male macaques. Contemporary Topics in Laboratory Animal Science 44:13-8.

Deaner, R.O., Khera, A.V. and **Platt, M.L.** 2005. Monkeys pay per view: Adaptive valuation of social images by rhesus macaques. Current Biology 15:543-8. **Faculty of 1000 Recommended paper.*

Dean, H.L., Crowley, J.C. and **Platt, M.L**. 2004. Visual and saccade-related activity in posterior cingulate cortex (CGp). J. Neurophysiol. 92:3056-68.

McCoy, A.N., Crowley, J.C., Dean, H.L., Haghighian, G., and **Platt, M.L.** 2003. Saccade reward signals in posterior cingulate cortex. *Neuron* 40:1031-1040.

Deaner, R.O. and **Platt, M.L.** 2003. Reflexive social attention in monkeys and humans. *Current Biology* 13:1609-1613.

Glimcher, P.W., Ciaramitaro, V.M., **Platt, M.L.**, Bayer, H.M., Brown, M.A., and Handel, A.N. 2001. Application of neurosonography to experimental physiology. *J. Neurosci. Methods* 108:131-44.

Platt, M.L. and Glimcher, P.W. 2000. Short-term changes in movement frequency do not alter the spatial tuning of intraparietal neurons. *Exp. Brain Res.* 132:279-286.

Platt, M.L. and Glimcher, P.W. 1999. Neural correlates of decision variables in parietal cortex. *Nature* 400:233-238.

Platt, M.L. and Glimcher, P.W. 1998. Response fields of intraparietal neurons quantified with multiple saccadic targets. *Exp. Brain. Res.* 121:65-75.

Platt, M.L. and Glimcher, P.W. 1997. Responses of intraparietal neurons to saccadic targets and visual distractors. *J. Neurophysiol.* 78:1574-1589.

Platt, M. L., Brannon, E. M., Briese, T.L. and French, J.A. 1996. Differences in feeding ecology predict differences in performance between golden lion tamarins (*Leontopithecus rosalia*) and Wied's marmosets (*Callithrix kuhli*) on spatial and visual memory tasks. *Anim. Learn. Behav.* 24:384-393.

REVIEWS, BOOK CHAPTERS, AND OPINION PAPERS

Chang SWC and **Platt ML** (2013) Oxytocin and social cognition in rhesus macaques: Implications for understanding and treating human psychopathology. Brain Research, *in press*.

Pearson J and **Platt ML** (2013) Dopamine: Burning the candle at both ends. Neuron Sep 4;79(5):831-3. NIHMS 520878

Platt ML and Plassmann H (2013) Multistage Valuation Signals and Common Neural Currencies. In "Neuroeconomics: Decision Making and the Brain", 2nd edition, P. Glimcher and E. Fehr, eds. Elsevier. *In press*.

Santos L and **Platt ML** (2013) The Economics of Non-Human Primates: What Monkeys Can Teach Us about Human Decision-Making Strategies. In "Neuroeconomics: Decision Making and the Brain", 2nd edition, P. Glimcher and E. Fehr, eds. Elsevier. *In press*.

Newsome, WT, Glimcher, PW, Gottlieb, J, Lee, D, and **Platt, ML** (2013) Comment on "In Monkeys Making Value-Based Decisions, LIP Neurons Encode Cue Salience and Not Action Value." Science 340: 430.

Adams, G.K., Watson, K.K., Pearson, J.M., and **Platt, M.L.** (2012) Neuroethology of Decision-making. Current Opinion in Neurobiology. Dec;22(6):982-9.

Gariépy JF, Chang SW and **Platt ML** (2012) Brain games: Toward a neuroecology of social behavior. Invited commentary in Beh. Brain. Sci. In press.

Roitman, J.D., Brannon, E.M., and **Platt, M.L.** (2012) Representation of numerosity in posterior parietal cortex. Front. Integr. Neurosci. 6:25. doi: 10.3389/fnint.2012.00025.

Watson, K.K. and **Platt, M.L.** (2012) Of mice and monkeys: using non-human primate models to bridge mouse and human based investigations of autism spectrum disorders. Journal of Neurodevelopmental Disorders 4(1): 21.

Paulsen, D. J., **Platt, M. L**., Huettel, S. A., & Brannon, E. M. (2012). From risk-seeking to risk-averse: The development of economic risk preference from early childhood to adulthood. Frontiers in Psychology, 3:313.

Platt, M.L. and Adams, G.K. 2012. Reading too much into baboon skills—Response. Science Vol. 336 no. 6085 pp. 1100-1102.

Platt, M.L. and Adams, G.K. 2012. Monkey see, monkey read. Science Apr 13;336(6078):168-9.

Pearson, J. and **Platt, M.L.** 2012. Dynamic decision making in the brain. Nature Neuroscience 15:341-342.

Platt, M.L. and Hayden, B.Y. 2011. Not just the facts, Ma'am, but the counterfactuals as well. PLoS Biol. Jun;9(6):e1001092.

Pearson, J., Heilbronner, S.J., Barack, D.L., Hayden, B.Y., and **Platt, M.L.** 2011. Posterior cingulate cortex: Adapting behavior to a changing world. Trends in Cognitive Science. Apr;15(4):143-51.

Pearson, J.M., Hayden, B.Y., and **Platt, M.L.** (2011) A role for posterior cingulate cortex in policy switching and cognitive control in Neural Basis of Motivational and Cognitive Control, Attention and Performance XXIV, Mars, Sallett, Rushworth, and Yeung eds.

Pearson J, and **Platt ML.** 2009. Confidence and corrections: How we make and unmake up our minds. Neuron. 2009 Sep 24;63(6):724-6.

Platt, M.L. and Spelke, E.S. 2009. What can developmental and comparative cognitive neuroscience tell us about the adult human brain? Curr. Opin. Neurobiol. 19:1-5.

Klein, J., Shepherd, S.V., and **Platt, M.L.** 2009. Social attention and the brain. Current Biology. 19: R958-R962. doi:10.1016/j.cub.2009.08.010

Platt, M.L. 2009. Q & A with Michael Platt. Current Biology 19(5):R182-3.

Cantlon JF, **Platt ML**, Brannon EM. 2009. Beyond the number domain. Trends Cogn Sci. 13:83-91.

Watson, K.K., Shepherd, S.V., and **Platt, M.L.** 2009. Neuroethology of pleasure. In "Pleasures of the brain: The neural basis of sensory and other rewards", M. Kringelbach and K. Berridge, eds. Oxford University Press: Oxford, UK.

Watson, K.K., Klein, J., Hayden, B.Y., Shepherd, S.V., and **Platt, M.L.** 2010. Neuroeconomics: Implications for understanding the neurobiology of addiction. In "Novel Approaches to Addiction", C. Kuhn ed. C.R.C. Press. Chapter 6.

Shepherd, S.V. and **Platt, M.L.** 2009. Neuroethology of attention. In "Cognitive Biology: Evolutionary and Developmental Perspectives on Mind, Brain, and Behavior", L. Tomasi and L. Nadel, eds. MIT Press: Boston, MA.

Heilbronner, S., Hayden, B.Y., and **Platt, M.L.** 2008. Neuroeconomics of risk-sensitive decision making. In "Impulsivity: Theory, Science, and Neuroscience of Discounting", G. Madden, W. Bickel, and T. Critchfield, eds. APA Books.

Platt, M.L. and Huettel, S.A. 2008. Risky business: the neuroeconomics of decision making under uncertainty. Nature Neuroscience 11(4):398-403.

Platt, M.L., Peter Dayan, Stanislas Dehaene, Kevin McCabe, Randolf Menzel, Elizabeth Phelps, Hilke Plassmann, Roger Ratcliff, Michael Shadlen, and Wolf Singer. 2008. Neuronal correlates of decision making. In "Better Than Conscious? Decision Making, the Human Mind, and Implications For Institutions", C. Engel and W. Singer eds. MIT Press: Boston, MA.

Platt, M.L. and Padoa-Schioppa, C. 2008. Neuronal representations of value. In "Neuroeconomics: Decision Making and the Brain", P. Glimcher, C. Camerer, E. Fehr, R. Poldrack eds. Elsevier.

Heilbronner, S. and **Platt, M.L**. 2007. Animal cognition: Time flies when chimps are having fun. Current Biology 17(23):R1008-10.

Hayden, B.Y. and **Platt, M.L**. 2007. Animal cognition: Apes wait for grapes. Current Biology 17(21):R922-3.

Hayden, B.Y. and **Platt, M.L.** 2006. Fool me once, shame on me—fool me twice, blame the ACC. Nature Neuroscience 9:857-859.

Platt, M.L. 2006. Animal cognition: Monkey meteorology. Current Biology 20:R464-466.

Platt, M.L. 2006. Cognitive Neuroscience, in the *Encyclopedia of Life Science*.

Long, A.B. and **Platt, M.L.** 2005. Decision-Making: The evolutionary ecology of patience in primates. Current Biology. 15:R874-6.

McCoy, A.N. and **Platt, M.L.** 2005. Expectations and outcomes: Decision-making in the primate brain. J. Comp. Physiol. J Comp Physiol A Neuroethol Sens Neural Behav Physiol. 191:201-11.

Platt, M.L. 2004. Cognition, in *Neuroscience*, ed. Purves et al., Sunderland, MA: Sinauer Associates. Third edition.

Platt, M.L. 2004. Memory, in *Neuroscience*, ed. Purves et al.Sunderland, MA: Sinauer Associates. Third edition.

Platt, M.L. 2004. Unpredictable primates and prefrontal cortex. *Nature Neuroscience* 7:319-320.

Platt, M.L. 2003. Learning is bitter and sweet in ventral striatum. *Neuron* 38: 518-519.

Platt, M.L., Lau, B., and Glimcher, P.W. 2003. Situating the superior colliculus within the gaze control network. In The Oculomotor System: New Approaches for Studying Sensorimotor Integration, W.C. Hall and A. Moschovakis, eds. Boca Raton, Fl: CRC Press LLC.

Platt, M.L. 2002. Neural correlates of decisions. *Curr. Opinion Neurobiol.* 12:141-148.

Platt, M.L. 2002. Caudate clues to rewarding cues. *Neuron* 33:316-318.

BOOKS

Neuroscience, Purves et al., eds. 5th edition. Sunderland, MA: Sinauer. 2011.

Primate Neuroethology. **Michael L. Platt** and Asif Ghazanfar, eds. Oxford: Oxford University Press. 2010.

Principles of Cognitive Neuroscience. Purves, D., Brannon, E., Cabeza, R., Huettel, S., Labar, K., **Platt, M.**, and Woldorff, M. Sunderland, MA: Sinauer. 2009

Principles of Cognitive Neuroscience, 2nd edition. Purves, D., Cabeza, R., Huettel, S., Labar, K., **Platt, M.**, and Woldorff, M. Sunderland, MA: Sinauer. 2012

EDITED VOLUMES

Platt, M.L. and Spelke, E.S., eds. 2009. Cognitive Neuroscience, edited volume of Current Opinion in Neurobiology.

INVITED LECTURES

"Origins of Charity and Deception in the Brain," Department of Psychology, Cornell University, January 2014

"Foraging Decisions as a Unifying Approach to Behavioral Ecology and Neuroscience," Department of Neurobiology and Behavior, Cornell University, January 2014

"Brain and Society: The Biology of Social Preferences," Department of Neuroscience, Johns Hopkins University, December 2013

"Innovation and the Brain," Duke Alumni Club of New Jersey, Scotch Plains, New Jersey, October 2013

"Origins of Charity and Deception in the Brain," Department of Economics, Zurich University, October 2013
"Neural Circuits for Complex Social Behavior," Ascona Meeting on Neural Circuits, Ascona, Switzerland, September 2013
"Charity and Deception in the Brain," Social Neuroscience Group, New York University, NYC, NY September 2013
"Charity and Deception in the Brain," Champalimaud Neuroscience Institute, Lisbon, Portugal, July 2013
"Charity and Deception in the Brain," Ecole Normal Superieur, Paris, France, June 2013
"Charity and Deception in the Brain," Sage Lecture, University of California Santa Barbara, Santa Barbara, CA, April 2013
"Neuroeconomics of Innovation," California Academy of Sciences, San Francisco, CA, April 2013
"Neuronal Mechanisms of Decision Making in Primates," Invited Symposium, Cognitive Neuroscience Society Meeting, San Francisco, CA, April 2013
"SocioNeuroEthology: What it is and why we need it," Stanford University, Palo Alto, CA, January 2013
"Why We Care: The Biology of Social Preferences," National Academy of Sciences Sackler Colloquium, Irvine, CA, January 2013
"Understanding the Desire to Explore: Biology, Evolution, and Dysfunction," Psychiatry Department Chair's Rounds, Duke University School of Medicine, Durham, NC, December 2012
"Neuroethology of Social Behavior," Invited Talk, Society for Social Neuroscience, New Orleans, LA, October 2012
"Neurobiology of Primate Social Behavior," Systems Biology of Autism: From Basic Science to Therapeutic Strategies Meeting, Banbury Center, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, September 2012
"Neuroethology of Social Behavior," Computational Neuroscience Society, Atlanta, GA, July 2012
"Neural Basis of Giving and Receiving," UCLA, Los Angeles, April, 2012
"Neural Basis of Giving and Receiving," University of California, San Diego. December, 2011
"Neural Basis of Giving and Receiving," Cold Spring Harbor Labs, Cold Spring Harbor, NY, December 2011
"Neurophysiology of Decision-making: Implications for the Modern Warfighter," Army Research Office Workshop on Decision-making, Evanston, IL, October 2011
"Separate Channels for Self and Other Reward in Primate Prefrontal Cortex," Japan Neuroscience Meeting, Yokohama, Japan, September 2011
"Understanding the Desire to Explore: Biology, Evolution, and Dysfunction", Duke Institute for Brain Sciences, Duke University, Durham, NC, June 2011
"Why We Care: The Biology of Social Preferences", Dept. Psychology, Dartmouth College, Hanover, NH May 2011
"Understanding the Desire to Explore: Value, Risk, and Learning in the Brain", Association of Behavioral Analysis International Invited Seminar, Chicago, IL, March 2011

"From Brain to Society: The Biology of Social Preferences", Department of Psychology, Columbia University, March 2011
"A Neuroethological Perspective on Uncertainty Reduction, Learning, and Decision Making", Computational and Systems Neuroscience Workshop, February 2011
"Why We Care: The Biology of Social Preferences", Center for Cognitive Neuroscience, Duke University, February 2011
"Posterior Cingulate Cortex: Adapting Behavior to a Changing World", Winter Conference on Brain Research, Keystone, CO, January 2011
"Why We Care: The Biology of Social Preferences", Johns Hopkins University, November 2010
"Neuroscience of Celebrity Obsession", Christopher Comer Undergraduate Neuroscience Lecture, University of Illinois, Chicago, October 2010
"Neurobiology of Social Preferences", Department of Neuroscience, University of Illinois, Chicago, October 2010
"Biology of Other-regarding Preferences", Tamagawa-Keio-Caltech Course in Social Neuroscience, Keio University, Tokyo, September 2010
"Neuroethology of Attention", Invited Talk, International Primatological Society Meeting, Kyoto, September 2010
"Giving Up: Neural Basis of the Decision to Move On", Department of Psychology, University of Amsterdam, June 2010
"From Brain to Society", University of Amsterdam Summer School in Neuroeconomics, June 2010
"Neuroeconomics and Neuroethology of Social Reward", Columbia University Medical School, May 2010
"Neuroeconomics of Social Learning and Decision Making", Harvard University, April 2010
"Neuroethology of Attention", COSYNE meeting, Salt Lake City, UT, March 2010
"Neuroeconomics, Neuroethology, and Neuropsychiatry", Dept. Psychology, U. Toronto, February 2010
"Neuroeconomics of Social Learning and Decision Making", Winter Brain Conference, Breckenridge, CO, January 2010
"Neuroeconomics of Social Learning and Decision Making", Center for Behavioral Neuroscience, Georgia State University, January 2010
"Cingulate Cortex and Decision Making", CalTech, December 2009
"Neuroeconomics of Social Learning and Decision Making", Center for Cognitive and Social Neuroscience, U. Chicago, September 2009
"Neuroeconomics of Social Learning and Decision Making", Dept. Biology, NCSU, September 2009
"Neuroeconomics of Social Learning and Decision Making", Center for Behavioral Neuroscience, Georgia State University, May 2009
"Neuroeconomics of Social Learning and Decision Making", Dept. Physiology, U. Arizona, May 2009
"Neuroeconomics of Social Reward and Decision Making", Dept. Psychology, Emory University, April 2009
"Cingulate Cortex and Decision Making", Center for Neuoreconomics, NYU, November, 2008

"Neuroethology of Social Attenion", Gordon Conference on Neuroethology, Oxford, England, August 2008
"Spontaneous Social Orienting by Ringtail Lemurs", International Primatological Society Meeting, Edinburgh, Scotland, August 2008
"Risky Business: The Neuroeconomics of Decision Making under Uncertainty", Attention and Performance XXIII, Stowe, Vermont, July 2008
"Neural Correlates of Decision Making", German-American Frontiers in Science Symposium, Potsdam, German, June 2008
"The Economy of the Mind", Cambridge University, Cambridge, England June 2008
"Whither Neuroeconomics?", Fuzzy Day, Society of Quantitative Analysts, New York, May 2008
"Neuroethology of Attention", University of North Carolina, April 2008
"Neuronal Representations of Value", NYU Symposium on Decision making. January, 2008
"Risky Business: Neural Mechanisms of Risk-sensitive Decision-making", Johns Hopkins University, November 2007
"Neuroeconomics: How the Brain Makes Decisions", American Scientist Magazine, November 2007
"Neural Mechanisms of Numerosity Perception in Macaque Parietal Cortex", NUMBRA Network Workshop, Santorini, Greece, September 2007
"Risk and Uncertainty in the Primate Brain", International Ethology Congress, Halifax, Nova Scotia, August 2007
"Neuroethology of Attention", Neuroethology Congress, Vancouver, July 2007
"Neural Mechanisms of Social Attention," NIMH, June 2007
"The Economy of the Mind," Section on Neurobiology, Yale University Medical School, April 2007
"Why Choose This Guy?: Neuroeconomics, Neuroethology, and Neuropsychiatry," Baylor College of Medicine, April 2007
"Neuroeconomics, Neuroethology, and Neuropsychiatry," Wellcome Trust Computational Frontiers Meeting, London, April 2007
"Economics in the Primate Brain," Washington University in St. Louis, March 2007
"Neuronal basis of social attention," NOW Workshop on Theory of Mind, Waginengen, Netherlands, February 2007
"Economics in the Primate Brain," Department of Neuroscience, Baylor College of Medicine, Houston, TX, February 2007
"The Economy of the Mind," Department of Neurobiology, Univ. Tenn. Memphis, November 2006
"Ethology, Economics, and the Brain," Department of Neurobiology Retreat, Stanford University, October 2006
"Electrophysiology for Economists," Society for Neuroeconomics, Park City, UT, September 2006
"Ethology, Economics, and the Brain," Cognitive Neuroscience Summer Course, Utrecht, Netherlands, August 2006
"Neural Basis of Decision-making," Stanford Summer School in Neuroeconomics, July 2006

"Neural Basis of Decision-making," Cold Spring Harbor Laboratory Course in Computational Vision, June 2006
"Neuroethology of Attention in Primates," Konrad Lorenz Institute Symposium on the "New Cognitive Sciences," June 2006
"Risk and Utility in the Primate Brain," University of Zurich, June 2006
"Economics in the Primate Brain," Econometric Society of America, Atlanta, June 2006
"Risk and Uncertainty in the Primate Brain," Society for the Quantitative Analysis of Behavior, Atlanta, May 2006
"Subjective Scaling of Salience Signals in the Primate Brain," Center for Neural Science, NYU, November 2005
"Neural Correlates of Social Rewards," NIMH, Bethesda, MD, October 2005
"Economics in the Primate Brain," European Brain and Behaviour Society, Dublin, Ireland, September 2005
"Neural Mechanisms of Social Decision-making," Banbury Symposium on the Neural Basis of Decision-making, Cold Spring Harbor Lab, May 2005
"Economics in the Primate Brain," Department of Biostructure, University of Washington, Seattle, February 2005
"Economics in the Primate Brain," Division of Biology, CalTech, March 2005
"Economics in the Primate Brain," Department of Economics, Simon Fraser University, Vancouver, BC, November 2004
"Social Attention in Human and Nonhuman Primates," Department of Psychology, University of British Columbia, Vancouver, BC, November 2004
"Economics in the Primate Brain," Oxford Autumn School, Oxford University, Oxford, England, September 2004
"Adaptive Learning in the Primate Visual Orienting System," New and Alternative Approaches to Learning Workshop, Carnegie Mellon University, August 2004
"Economics in the Primate Brain," Conference on Advances in Economics and Biology, Institut d'Economie Industrielle, Toulouse, France, May 2004
"Evaluation, Attention, and Decision-making in the Primate Brain," Department of Psychology, Duke University, Spring 2004
"Pair-housing Adult Male Macaques with Biomedical Implants," Wake Forest University Baptist Medical Center, February 2004
"Expectations and Outcomes: Decision-making in the Primate Brain," Symposium on Behavioral Switching, Animal Behaviour Society Meeting, Boise, ID, Summer 2003
"Neuroethology of Attention in Primates," Department of Psychology, University of British Columbia, Canada, Spring 2003
"Neuroethology of Attention in Primates," Department of Psychology, University of North Carolina, Fall 2002
"Expectations and Outcomes: Decision-making in the Primate Brain," Max-Planck Institute for Biological Cybernetics, Tubingen, Germany, Spring 2002
"Neuroethology of Attention in Primates," Max-Planck Institute for Evolutionary Anthropology, Leipzig, Germany, Spring 2002
"Expectations and Outcomes: Decision-making in the Primate Brain," Lunchbox Colloquium Series, Department of Psychological and Brain Sciences, Duke University, Fall 2001

"Evolution and Neurobiology of Primate Foraging Cognition," Department of Biological Anthropology and Anatomy, Duke University, Spring 2001
"Neural basis of simple arithmetic," Cortex Club, Department of Neurobiology, Duke University Medical Center, Fall 2000
"Neuroethological approaches to cognition in primates," Research Rounds, Center for Cognitive Neuroscience, Duke University, Fall 2000
"Neural correlates of decision variables in parietal cortex, "Department of Neurobiology and Behavior, Columbia University, Fall 1998
"Neural correlates of decision variables in parietal cortex," Department of Neurobiology, Duke University Medical Center, Fall 1998
"Neural correlates of decision variables in parietal cortex," Department of Psychology, Columbia University, Fall 1998
"Neural bases of spatial representations in primates," New York Consortium in Evolutionary Primatology, New York City, NY, Spring 1998
"Adaptive differences in spatial memory in primates," Department of Psychology, University of Pennsylvania, Fall 1993

EDITORIAL BOARDS

Associate Editor, Frontiers in Comparative Psychology
Review Editor, Frontiers in Decision Neuroscience

EXTRAMURAL REVIEWS

Nature, Nature Neuroscience , Nature Reviews Neuroscience, Neuron, Journal of Neurophysiology, Journal of Neuroscience, Journal of Cognitive Neuroscience, Journal of Comparative Psychology, Cerebral Cortex, Vision Research, Synapse, Cognitive Brain Research, Experimental Brain Research, Current Biology, Trends in Neuroscience, Trends in Cognitive Science, American Journal of Primatology, Current Anthropology, Princeton University Press, National Science Foundation, National Institute of Mental Health, Neurological Foundation of New Zealand, BBSRC grant foundation (UK), Behavioral Neuroendocrinology

MENTORING

Graduate Student Thesis Mentor

Allison McCoy, Neurobiology Program, Duke University Medical Center
Heather Dean, Neurobiology Program, Duke University Medical Center
Michael Bendiksby, Neurobiology Program, Duke University Medical Center
Stephen Shepherd, Neurobiology Program, Duke University Medical Center
Arwen Long, Neurobiology Program, Duke University Medical Center
Jeffrey Klein, Neurobiology Program, Duke University Medical Center
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Amrita Nair, Neurobiology Program, Duke Univ. Med. Ctr.
Sarah Heilbronner, Neurobiology Program, Duke Univ. Med. Ctr.
Rebecca Ebitz, Neurobiology Program, Duke Univ. Med. Ctr.
Geoffrey Adams, Neurobiology Program, Duke Univ. Med. Ctr.
Nick DeWind, Neurobiology Program, Duke Univ. Med. Ctr.

David Barack, Department of Philosophy, Duke Univ. Med. Ctr.
Caroline Drucker, Neurobiology Program, Duke Univ. Med. Ctr.
Amanda Utevsky, Psychology & Neuroscience, Duke Univ.
Seth Madlon-Kay, Neurobiology Program, Duke Univ. Med. Ctr.

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Karli Watson, Ph.D., Dept. Neurobiology, Duke University Medical Center
Ben Hayden, Ph.D., Dept. Neurobiology, Duke University Medical Center
Arani Roy, Ph.D., Dept. Neurobiology, Duke University Medical Center
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Koji Toda, Ph.D., Duke Institute for Brain Sciences, Duke U.
WeiSong Ong, Ph.D., Duke Institute for Brain Sciences, Duke U.
Meredith Addicott, Ph.D., Duke Institute for Brain Sciences

Thesis Committees

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Shuro Nundy, Dept. Neurobiology, Duke University Medical Center
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Sean Fannon, Dept. Psychology and Neuroscience, Duke University
Aaron Sandler, Dept. Neurobiology, Duke University Medical Center (Chair)
Aya Sasaki, Dept. Neurobiology, Duke University Medical Center
Ye Li, Dept. Neurobiology, Duke University Medical Center
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Terry Mitchell, Dept. Evolutionary Anthropology
Joey O'Doherty, BME Dept., Pratt School of Engineering, Duke Univ.
David Smith, IPCN Program, Duke University

Deepu Murthy, IPCN Program, Duke University
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Alex Bey, Dept. Neurobiology, Duke U.
Jessica Yorzinski, Animal Behavior Graduate Group, UC Davis
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Tim Hanson, Dept. Neurobiology, Duke U.
Je Hi An, Biomedical Engineering, Duke U.
Peter Ifft, Biomedical Engineering, Duke U.

Undergraduate Thesis Advisor
Golnaz Haghighian, Dept. Biology, Duke University
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Melissa Furlong, Dept. Psychology, Duke University
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Jason Ghodasra, Dept. Psychology, Duke University
Megan Deakins, Neuroscience, Duke University
Daniel Li, Neuroscience, Duke University

Undergraduate Independent Studies Mentor
Divya Khera, Dept. Neurobiology, Duke University Medical Center
Megan Semancik, Dept. Neurobiology, DUMC
Nikita Urval, Dept. Neurobiology, DUMC
Fontasha Powell, Dept. Neurobiology, DUMC, URS award recipient
Daniel Li, Dept. Neurobiology, DUMC
M. Yavuz Açıkalın, Dept. Neurobiology, DUMC
Emily Du, Dept. Neurobiology, DUMC, URS award recipient
Diana Xie, Dept. Neurobiology, DUMC, URS award recipient

Howard Hughes Foundation Undergraduate Program in Science Mentor
Golnaz Haghighian
Leathan Domesheck
Amit Khera
Luke Stewart
Melissa Furlong
Elizabeth Thompson

NSF Mechanisms of Behavior Research Experience for Undergraduates Mentor
Golnaz Haghighian
Amit Khera
Jessica Andrews
Angela Jarman

Kyndall Davis
Purak Parikh
Sophia Cai
Joel Tripp
Dianna Amasino

SROP Minority Program in Undergraduate Research Mentor
Jason Flor-Sisante
Theresa Ingram
Messay Ibrahim

Vertical Integration Program in Undergraduate Research Mentor
Jason Patel

Undergraduate Volunteer/Work-Study Research Assistant Mentor
Andrea Stacy, Wake Forest University
Joshua Erb, Columbia University
Alec Maggi, Dept. Psychology, Duke University
Evelyn Pan, Duke University
Christina Lieu, Duke University
Lee Weisberger, Duke University
Ana-Maria Tenekedjieva, Duke University
Betty Jiang, Duke University, URS grant recipient
James Zhang, Duke University, URS grant recipient
Manoj Sekar (Kannusamy), Duke University
Matt Pease, Duke University
Nandish Shah, Duke University, URS grant recipient
Sarah Boltuck, Duke University, URS grant recipient
Sikoya Ashburn, Duke University
Ali Bootwala, Duke University
Eshita Singh, Duke University
Priya Bose, University of North Carolina at Chapel Hill
Roxanne Diaz, University of North Carolina at Chapel Hill
Sidney Dickinson, University of North Carolina at Chapel Hill
Lindsey Garrison, University of North Carolina at Chapel Hill
Diarra Hassell, University of North Carolina at Chapel Hill
Sylvia Hood, University of North Carolina at Chapel Hill
Olivia Hurd, University of North Carolina at Chapel Hill
Alex Lee, University of North Carolina at Chapel Hill
Cody Rigsbee, University of North Carolina at Chapel Hill
Ellie Ross, University of North Carolina at Chapel Hill
Russell Mark Nichols, University of North Carolina at Chapel Hill
Josef Smith, University of North Carolina at Chapel Hill
Tom Soker, University of North Carolina at Chapel Hill
Ben Castellon, Duke University
Katie Davis, Duke University

Allison Simler, Duke University
Daniel Li, Duke University
Kurrin Mehta, Duke University
Elizabeth Doody, Duke University
Emily Potts, Duke University

TEACHING

Co-Course Director, Neuroscience and Jury Decision-making, Duke Law School, 2012
Course Director, Duke Graduate Neuroscience Bootcamp, 2009-present
Course Director, NBI-202, Duke University Medical School First Year Course in Brain and Behavior, 2006-2009
Co-Course Director and Lecturer, "The Science Behind the Sense: Neuroeconomics and Cognitive Neuroscience of Mediation", jointly presented by Duke University and the Master Mediator Institute, 2009
Neuroeconomics, FOCUS program for freshmen, Duke University, 2006-present
Neuroanatomy Instructor, NBI-202, Dept. Neurobiology, DUMC, 2002-Present
Lecturer, NBI-202, DUMC, 2001-present
Co-Course Director, FOCUS Freshman Course in Neuroeconomics, Duke University, 2006-present
Co-course Director, NBI-280, Dept. Neurobiology, DUMC, 2001-Present
Lecturer, Neurobiology Graduate Concepts Course, 2005-present
Lecturer, Neurobiology Graduate Readings Course, 2005-present
Lecturer, Proseminar in Cognitive Neuroscience, Center for Cognitive Neuroscience, Duke University, Fall 2000-present
Instructor, Neuroethology, Dept. Neurobiology, DUMC, 2002
Guest lecturer, "Thought without Language" (PSY 142s), 2000-present
Directed Readings Course on Sensorimotor Integration (NBI-372)
Guest lecturer, "Consciousness and the Brain", Harvard College May 2010

FILM CREDITS

Consultant, *The Fountain*, directed by Darren Aronofsky, Warner Bros., 2006
Consultant, *Black Swan*, directed by Darren Aronofsky, Warner Bros., 2011
Consultant, *Noah*, directed by Darren Aronofsky, Warner Bros., 2014

TELEVISION CREDITS

Scientific Advisor, *NOVA*, 2012

PRESS

Documentary coverage of work:
"Primates of the Caribbean," ARTE network, France, 2013
Television interviews:
ABC World News Tonight, March 2005
Good Morning America, March 2005
Canadian Broadcast Company, February 2005
Fox News NYC, May, 2005
MTV Live, April 2006

MBC Korea, March 2007

Radio interviews (selected):

NPR's "Wait, Wait…don't tell me" February, 2005
NPR's "Living on Earth" Feburary, 2005
CBC's "Quirks and Quarks" February, 2005
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