

Rahul Bhui

CONTACT INFORMATION	MIT Sloan School of Management 77 Massachusetts Ave, E62 Cambridge, MA USA 02139	rbhui@mit.edu rahulbhui.com
ACADEMIC APPOINTMENT	Massachusetts Institute of Technology, Cambridge, MA, USA Assistant Professor of Management Science Marketing Group, Sloan School of Management	2020 – present
EDUCATION AND TRAINING	Harvard University, Cambridge, MA, USA Postdoctoral Fellow Departments of Psychology and Economics & Center for Brain Science Advisors: Samuel J. Gershman and Andrei Shleifer	2016 – 2020
	California Institute of Technology, Pasadena, CA, USA PhD, Computation and Neural Systems MS, Behavioral and Social Neuroscience Advisor: Colin F. Camerer	2013 – 2016 2011 – 2013
	The University of British Columbia, Vancouver, BC, Canada BA (Hon.), Economics Advisor: Joseph Henrich	2005 – 2010
PREVIOUS POSITIONS	Data Science Intern, Adaptly, NY Research Assistant to Colin F. Camerer, Caltech Research Assistant to Joseph Henrich, UBC Research Assistant to Elizabeth Dunn, UBC	2013 2010 – 2011 2008 – 2010 2007 – 2008
PUBLICATIONS	Gershman, S.J., & Bhui, R. (in press). Rationally inattentive intertemporal choice. <i>Nature Communications</i> . Bhui, R., & Gershman, S.J. (in press). Paradoxical effects of persuasive messages. <i>Decision</i> . Bhui, R., Chudek, M., & Henrich, J. (2019). Work time and market integration in the original affluent society. <i>Proceedings of the National Academy of Sciences</i> , 116(44), 22100–22105. Schulz, E.*, Bhui, R.*, Love, B.C., Brier, B., Todd, M.T., & Gershman, S.J. (2019). Structured, uncertainty-driven exploration in real-world consumer choice. <i>Proceedings of the National Academy of Sciences</i> , 116(28), 13903–13908. * = equal contribution Bhui, R., Chudek, M., & Henrich, J. (2019). How exploitation launched human cooperation. <i>Behavioral Ecology and Sociobiology</i> , 73(78), 1–14. Bhui, R. (2019). Testing optimal timing in value-linked decision making. <i>Computational Brain & Behavior</i> , 2(2), 85–94.	

Dorfman, H.M., Bhui, R., Hughes, B.L., & Gershman, S.J. (2019). Causal inference about good and bad outcomes. *Psychological Science*, 30(4), 516–525.

Bhui, R. (2019). A statistical test for the optimality of deliberative time allocation. *Psychonomic Bulletin & Review*, 26(3), 855–867.

Bhui, R. (2019). Falling behind: Time and expectations-based reference dependence. *Decision*, 6(3), 287–303.

Bhui, R., & Gershman, S.J. (2018). Decision by sampling implements efficient coding of psychoeconomic functions. *Psychological Review*, 125(6), 985–1001.

Bhui, R. (2018). Case-based decision neuroscience: Economic judgment by similarity. In R.W. Morris, A.M. Bornstein, & A. Shenhav (Eds.) *Goal-Directed Decision Making: Computations and Neural Circuits* (pp. 67–103).

Martin, C.F., Bhui, R., Bossaerts, P., Matsuzawa, T., & Camerer, C. (2014). Chimpanzee choice rates in competitive games match equilibrium game theory predictions. *Scientific Reports*, 4(5182).

WORKING
PAPERS

Bhui, R., & Jiao, P. (submitted). Attention constraints and learning in categories.

Bhui, R. (in revision) Order effects in choice are selectively modulated by cognitive load.

IN PREP

Davidow, J.Y., Bhui, R., Insel, C., & Somerville, L.H. (in prep). Attenuated Pavlovian biases in adolescence promote better instrumental learning and future flexibility.

FELLOWSHIPS,
HONORS, AND
GRANTS

Harvard Mind/Brain/Behavior Young Investigator Research Award	2020
Harvard Foundations of Human Behavior Initiative Research Grant (Pershing Square Fund for Research on the Foundations of Human Behavior)	2018
Harvard Mind/Brain/Behavior Postdoctoral Fellowship Award (\$125k)	2016
Russell Sage Foundation Small Grant in Behavioral Economics	
Invited Presenter, Yale Whitebox Advisors Graduate Student Conference	
SSHRC Fellow at the 5 th Lindau Meeting of Nobel Laureates in Economics	2014
Joseph-Armand Bombardier Canada Graduate Scholarship (\$105k; Social Sciences and Humanities Research Council of Canada Doctoral Fellowship)	2012
Linde Institute Travel Grant	
Joseph-Armand Bombardier Canada Graduate Scholarship (\$105k; declined)	2010
Quan Memorial Scholarship	
Margaret Lawrence Scholarship in Arts	2009
Economics Undergraduate Scholarship	
William M Mercer Memorial Scholarship in Arts and Science	
Trek Excellence Scholarship for Continuing Students	
Frank Eastham Memorial Scholarship	2008
Harold B and Nellie Boyes Memorial Scholarship	
Quinn Research Assistantship Award	
Trek Excellence Scholarship for Continuing Students	
Goel Family Charitable Foundation Academic Excellence Award	2007
Harold Scanlon Foley Memorial Scholarship	

SEMINARS AND PRESENTATIONS	Massachusetts Institute of Technology, Sloan School of Management (invited)	2019
	KAIST-Harvard Joint Workshop on Neuroscience-Inspired AI (invited)	
	RLDM Workshop on Variability in Learning and Decision Making (invited)	
	Radboud University Nijmegen, Behavioural Science Institute (invited)	
	University of Zurich, Center for Neuroeconomics (invited)	
	MPI for Human Development, Center for Adaptive Rationality (invited)	
	LSE, Department of Psychological and Behavioural Science (invited)	
	Sloan-Nomis Workshop on the Cognitive Foundations of Economic Behavior	
	Society for Neuroeconomics (poster spotlight)	2018
	Harvard Cognition, Brain, and Behavior Seminar	
	Conference on Cognitive Computational Neuroscience (poster)	
	New England Research on Decision-Making Conference	
	Interdisciplinary Symposium on Decision Neuroscience (data blitz)	
	Context and Episodic Memory Symposium	
	Computational and Systems Neuroscience Meeting (Cosyne; poster)	
	Context and Episodic Memory Symposium (poster)	2017
	Yale Whitebox Advisors Graduate Student Conference on Behavioral Science	2016
University of Alberta, Department of Economics (invited)		
Harvard University, Center for Brain Science (invited)	2015	
Economic Science Association North American Conference		
Consilience Conference: Evolution in Biology, the Human Sciences, and the Humanities (poster)	2012	
Economic Science Association International Conference (×2)	2011	
Social Decision Making Conference: Bridging Economics and Evol. Biology		
TEACHING AND MENTORING	Department of Psychology, Harvard – Senior thesis and RA supervisor	2016 – 2019
	Computational Cognitive Methods Group, Harvard – Regular speaker	2016 – 2018
	Business Analytics, Caltech – Teaching assistant and guest lecturer	2012 – 2015
	Behavioural Economics, UBC – Student coordinator (created course)	2009
ACADEMIC SERVICE	Co-creator of Harvard MBB Young Investigators’ Mini-Conference	2018
	Member of the Harvard MBB Postdoctoral Steering Committee	2017 – 2018
	Reviewer: <i>Cognitive, Affective, and Behavioral Neuroscience</i> ◦ <i>Conference on Cognitive Computational Neuroscience</i> ◦ <i>Cognitive Science</i> ◦ <i>Cognitive Science Conference Proceedings</i> ◦ <i>Journal of Experimental Psychology: General</i> ◦ <i>PLoS Computational Biology</i> ◦ <i>Political Psychology</i> ◦ <i>Psychological Review</i> ◦ <i>Psychonomic Bulletin & Review</i> ◦ <i>Scientific Reports</i>	
MEDIA COVERAGE	BBC, USA Today, LA Times, Scientific American, Science News, Pacific Standard, KCRW NPR, Business Insider, Christian Science Monitor, Huffington Post, NY Mag	