Antonio Rangel
Curriculum Vitae
August 2025

Contact Information
California Institute of Technology
1200 E. California Blvd
Pasadena, CA 91125
phone: (626) 395-4091
rangel@hss.caltech.edu
http://www.rnl.caltech.edu/

Personal Information
Married, two children
Born: Madrid, Spain
Citizenship: U.S.

Employment
2013- : Bing Professor of Neuroscience, Behavioral Biology and Economics, Caltech
2010-2013: Full Professor of Neuroscience and Economics, Caltech
2006- : Affiliated Faculty Member in Computational and Neural Systems, Caltech
2006-2010: Associate Professor of Economics (with tenure), Caltech
2005-2006: Visiting Associate in Economics, Caltech
2004-2006: Affiliated Faculty Member in Symbolic Systems, Stanford University
1998-2006: Assistant Professor of Economics, Stanford University

Other Affiliations
2004-2006: SIEPR Faculty Fellow
2004-2006: Stanford Center on Longevity, Faculty Affiliate
1999-2007: NBER Faculty Research Fellow (Public Economics)
1998-2001: Research Associate, Institut de l'Analisi Economica

Education
Ph.D. (Economics), Harvard University, June 1998
M.A. (Economics), Harvard University, June 1996
B.S. (Economics), Caltech, June 1993

Entrepreneurship
Mereokratos Inc., Founder, 2015-2019

Honors and Awards
NOMIS Distinguish Scientist & Scholar Award, 2019
Fellow of the Association for Psychological Science, 2018
President, Society for Neuroeconomics, 2009-2010

CABS Fellowship, 2003
NSF CAREER: Intergenerational and Behavioral Issues in Public Economics, 2002
National Fellow, Hoover Institution, 2000-2001
Becario, Banco de España, 1996-1998
Sigma Xi Award to Undergraduate Research, Caltech, 1993
Merit Award Scholarship, Caltech, 1991 and 1992

Grants

Title: The computational basis of simple choice in virtual reality and the metaverse
Agency: Meta
Role: PI
Dates: Sep 2024 – Sep 2025
Amount: $50,000
Status: active

Title: Mechanisms of multi-attribute decision-making
Agency: NIH
Role: co-PI
Dates: Sep 2023 – July 2028
Amount: $816,744
Status: active

Title: Using triangulation to characterize the neurocomputational basis of simple choice.
Agency: NOMIS Foundation
Role: PI
Dates: Jan 2019 – Dec 2024
Amount: $2,750,000
Status: active

Title: Changes in the neurocomputational basis of human simple choice with extensive Experience and training: initial exploratory studies
Agency: T&C Chen Center for Social and Decision Neuroscience
Role: PI
Dates: Jan 2020 – Dec 2021
Amount: $50,000
Status: completed

Title: MRI: Acquisition of a high performance 3T magnetic resonance system for High resolution human brain imaging
Agency: NSF
Role: co-PI
Dates: August 2017 – July 2019
Amount: $980,000
Status: completed

Title: Stimulus training and Identification
Agency: Google
Role: PI
Dates: September 2014 – September 2015

Amount: $599,597
Status: completed

Title: Uses and abuses of neurobiology in economic analysis and policy
Agency: UAB
Role: PI
Dates: August 2012-Jan 2014
Amount: £97,941
Status: completed

Title: NIH Conte: The Neurobiology of Social Decision Making
Agency: NIMH
Role: co-PI
Dates: June 2012-May 2017
Amount: $1,000,000
Status: completed

Title: R21: Changes in the self-control circuitry across the life-cycle
Agency: NIA
Role: PI
Dates: July 2011-June 2013
Amount: $250,000
Status: completed

Title: RO1: Decoding Goal-directed Valuation in the Human Amygdala
Agency: NIH
Role: co-PI
Dates: Sep 2009-Sep 2012
Amount: $1,477,687
Status: completed

Title: RO3: A neuroimaging test of the reinforcement learning dysregulation model of addiction
Agency: NIDA
Role: PI
Dates: Oct 2009-Sep 2010
Amount: $236,546
Status: completed

Title: An interdisciplinary study of the role of consciousness on decision-making
Agency: NSF - SES
Role: co-PI
Dates: Sep 2009-Aug 2012
Amount: $1,167,755
Status: completed

Title: The neuroeconomics of self-control in dieting populations
Agency: NSF - DRMS
Role: PI
Dates: June 2009-May 2012

Amount: $750,000
Status: completed

Title: Using Neurometric data to measure economic values in private and social exchange situations
Agency: NSF -- Economics
Role: co-PI
Dates: June 2009-May 2012
Amount: $600,000
Status: completed

Title: The neuroeconomics of dietary self-control: A grant proposal
Agency: USDA: Economic Research Service
Role: PI
Dates: Sep 2008-Aug 2009
Amount: $29,693
Status: Completed

Title: Neurobiological Foundations of Reward
Agency: Moore Foundation
Role: co-PI
Dates: July 2006-June 2012
Amount: $6,400,000
Status: completed

Title: First Summer School in Neuroeconomics
Agency: NSF, NIA
Role: co-PI
Dates: January 2006 – December 2006
Amount: $150,000
Status: completed

Title: Neuroeconomics
Agency: SIEPR
Role: PI
Dates: October 2004-Aug 2006
Amount: $50,000
Status: completed

Title: CAREER: Intergenerational and Behavioral Issues in Public Economics
Agency: NSF
Role: PI
Dates: June 2002-May 2007
Amount: $311,658
Status: completed

Title: Intergenerational Political Economy
Agency: SIEPR
Role: PI
Dates: 2001
Amount: $24,000

Status: completed

Title: Sharing with the Past or Expropriating the Future
Agency: SRF
Role: PI
Amount: $172,891
Dates: January 2001 – December 2002
Status: completed

Publications: Under review

78. Vafidis, P. and A. Rangel, "Stimulus-to-stimulus learning in RNNs with cortical inductive biases." ArXiv 2409.13471

Publications: Journals and Conference Proceedings

77. Vafidis, P., Bhargava, A. and A. Rangel, "Disentangling representations through multi-task learning", 2025 International Conference of Learning Representations.

76. Eum, B., S. Dolbier, A. Rangel, "Peripheral visual information halves attentional choice biases," Psychological Science, 2023.

75. Callaway, F., A. Rangel, T. Griffiths. "Fixation patterns in simple choice reflect optimal information sampling", PLOS Computational Biology, 17(3), 2021.

74. I. Krajbich, C. Camerer, A. Rangel, "Exploring the Scope of Neurometrically Informed Mechanism Design", Games and Economic Behavior, 2017.

73. G. Tavares, P. Perona, A. Rangel, "The attentional drift diffusion model of simple perceptual decision-making", Frontiers in Neuroscience, 2017.

72. V. McGuinty, A. Rangel, W.T. Newsome, "Orbitofrontal cortex value signals depend on fixation location during free viewing", Neuron, 2016.

71. C. Hutcherson, L. Montaser-Kouhsari, J. Woodward, A. Rangel "Emotional and utilitarian appraisals of moral dilemmas are encoded in separate areas and integrated in ventromedial prefrontal cortex", Journal of Neuroscience, 2015.

70. C. Hutcherson, B. Bushong, A. Rangel "A neurocomputational model of altruistic choice and its implications", Neuron, 2015.

69. J. Gottlieb, M. Hayhoe, O. Hikosaka, A. Rangel "Attention, reward and information seeking", Journal of Neuroscience, 2014.

68. N. Sullivan, C. Hutcherson, A. Harris, A. Rangel. "Dietary self-control is related to the speed with which health and taste attributes are processed," Psychological Science, 2015.

67. T. Hare, S. Hakimi, A. Rangel. "Activity in dlPFC and its effective connectivity to vmPFC are associated with temporal discounting," Frontiers in Neuroscience, 2014.

66. C. Frydman and A. Rangel. "Debiasing the disposition effect by reducing the saliency of information about a stock's purchase price," Journal of Economic Behavior & Organization, 2014.

65. A. Harris, T. Hare, A. Rangel. "Temporally dissociable mechanisms of self-control: Early attentional filtering versus late value modulation," Journal of Neuroscience, 2013.

64. A. Rangel. "Regulation of dietary choice by the decision making circuitry," Nature Neuroscience, 2013.

63. Boorman, E., R. Adolphs, J. O'Doberty, A. Rangel. "The behavioral and neural mechanisms underlying the tracking of expertise," Neuron, 2013.

62. Rangel, A. and J.A. Clithero. "Informatic parcellation of the network involved in the computation of subjective value", Social Cognitive and Affective Neuroscience, 2014.

61. Fisher, Geoffrey and A. Rangel, "Symmetry in cold-to-hot and hot-to-cold valuation gaps", Psychological Science, 2013.

60. Smith, A., Bernheim, B.D., Camerer, C., A. Rangel "Neural activity reveals preferences without choices", American Economic Journal: Microeconomics, 2014.

59. S. Lim, J. O'Odoherty, A. Rangel "Stimulus value signals in vmPFC reflect the integration of attribute value signals computed in fusiform gyrus and posterior superior temporal gyrus", Journal of Neuroscience, 2013.

58. Frydman, C., Barberis, N., Camerer, C, P. Bossaerts, A. Rangel "Testing theories of investor behavior using neural data", Journal of Finance, 2014.

57. D. McNamee, A. Rangel, J. O'Doherty, "Evidence for category-dependent and category-independent goal-value codes in human ventromedial prefrontal cortex", Nature Neuroscience, 2013.

56. A. Lin, R. Adolphs and A. Rangel "Impaired learning of social compared to monetary rewards in autism", Frontiers in Decision Neuroscience, 2012.

55. C. Hutcherson, H. Plassmann, J. Gross, A. Rangel "Cognitive self-control involves a transfer of control from vmPFC to dlPFC valuation systems", Journal of Neuroscience, 2012.

54. Rangel, A. and J.A. Clithero. "Value normalization in decision-making: Theory and evidence", Current Opinion in Neurobiology, 2012.

53. Krajbich, I., D. Lu, C. Camerer, A. Rangel, "The attentional drift-diffusion model extends to simple purchasing decisions", Frontiers in Psychology, 2012.

52. A. Lin, K. Tsai, A. Rangel, R. Adolphs, "Reduced social preferences in autism: evidence from charitable donations," Journal of Neurodevelopmental Disorders, 2012.

51. P. Sokol-Hessner, C. Hutcherson, T. Hare, A. Rangel, "Decision value computations in DLPFC and VMPFC adjust to the available decision time," European Journal of Neuroscience, 2012.

50. V. Janowski, C. Camerer, A. Rangel, "Empathic decision-making involves vmPFC value signals that are modulated by social processing implemented in IPL", Social Cognitive and Affective Neuroscience, 2013.

49. M. Milosavljevic, V. Navalpakkam, C. Koch, A. Rangel "Relative visual saliency differences in consumer choice", Journal of Consumer Psychology, 2012.

48. T. Hare, W. Schultz, C. Camerer, J. O'Doherty, A. Rangel "Transformation of stimulus value signals into motor commands during simple choice," PNAS, 2011.

47. E. Fehr and A. Rangel "Neuroeconomic Foundations of Economic Choice – Recent Advances", Journal of Economic Perspectives, 2011.

46. S. Lim, J. O'Doherty, A. Rangel "The value computations in OFC and striatum at the time of decision making are guided by visual attention", Journal of Neuroscience, 2011.

45. I. Krajbich and A. Rangel "A multi-alternative drift-diffusion model predicts the relationship between visual fixations and choice in value-based decisions," PNAS, 2011.

44. M. Milosavljevic, C. Koch, A. Rangel "Consumers can make decisions in as little as a third of a second", Judgment and Decision Making, 2011.

43. T. Hare, J. Malmoud, A. Rangel "Focusing attention on the health aspects of foods changes value signals in vmPFC and improves dietary choice", Journal of Neuroscience, 2011.

42. A. Harris, R. Adolphs, C. Camerer, A. Rangel "Dynamics construction of stimulus values in the ventromedial prefrontal cortex," PLOS ONE, 2011.

41. M. Milosavljevic, E. Madsen, C. Koch, A. Rangel "Fast saccades toward numbers: Simple numerical comparisons can be made in as little as 230 ms", Journal of Vision, 2011.

40. A. Lin, R. Adolphs, A. Rangel, "Social and monetary reward learning engage overlapping neural substrates", Social Cognitive Affective Neuroscience, 2012.

39. C. Frydman, C. Camerer, P. Bossaerts, A. Rangel, "MAOA-L carriers are better at making optimal financial decisions under risk," Proceedings of the Royal Society, 2011.

38. R. Jenison, A. Rangel, H. Oya, M. Howard, "Value encoding in single neurons in the human amygdala during decision-making", Journal of Neuroscience, 2011.

37. M. Milosavljevic, J. Malmoud, A. Huth, C. Koch, A. Rangel "The Drift Diffusion Model can account for the accuracy and reaction times of value-based choice under high and low time pressure", Judgment and Decision Making, 2010.

36. M. Kang, A. Rangel, M. Camus, C. Camerer, "Hypothetical and real choice differentially activate common valuation areas", Journal of Neuroscience, 2011.

35. I. Krajbich, C. Armel, A. Rangel, "Visual fixations and comparison of value in simple choice," Nature Neuroscience, 2010.

34. K. Wunderlich, A. Rangel, J. O'Doherty "Economic choices can be made using only stimulus

values," PNAS, 2010.

33. H. Plassmann, J. O'Doherty, and A. Rangel "Appetitive and aversive goal values are encoded in the medial orbitofrontal cortex at the time of decision making," Journal of Neuroscience, 2010.

32. A. Litt, H. Plassmann, B. Shiv, and A. Rangel "Dissociating valuation from motivation, attentional, and arousal signals during decision-making", Cerebral Cortex, 2010.

31. V. Navalpakkam, C. Koch, A. Rangel, P. Perona "Optimal reward harvesting in complex perceptual environments," PNAS, 2010.

30. A. Rangel and T. Hare "Neural computations associated with goal-directed choice," Current Opinion in Neurobiology, 2010.

29. E. Tricomi, A. Rangel, C. Camerer, J. O'Doherty, 2010, "Neural evidence for inequality averse social preferences," Nature, 2010.

28. E. Reutskaja, R. Nagel, C. Camerer, A. Rangel "Search Dynamics in Consumer Choice Under Time Pressure: An eye-tracking study," American Economic Review, 2011.

27. T. Hare, C. Camerer, D. Knoepfle, J. O'Dohery, A. Rangel "Value computations in vmPFC during charitable decision-making incorporate input from regions involved in social cognition," Journal of Neuroscience, 2010.

26. M. Camus, H. Halelamien, H. Plassmann, S. Shimojo, J. O'Doherty, C. Camerer, and A. Rangel "rTMS over the right dorsolateral prefrontal cortex decreases valuation during decision-making", European Journal of Neuroscience, 2009.

25. I. Krajbich, C. Camerer, J. Ledyard, and A. Rangel "Using neural measures of econonomic value to solve the public goods free-rider problem," Science, 2009.

24. V. Chib, A. Rangel, S. Shimojo, J. O'Doherty "Evidence for a common representation of decision values for dissimilar goods in human ventromedial prefrontal cortex," Journal of Neuroscience, 2009.

23. K. Wunderlich, A. Rangel, J. O'Doherty "Neural computations underlying action-based decision making in the human brain," PNAS, 2009.

22. B. Bushong, L. King, C. Camerer, A. Rangel, "Pavlovian Processes in Consumer Choice: The Physical Presence of a Good Increases Willingness-to-Pay", American Economic Review, 2010.

21. T. Hare, C.Camerer, A. Rangel "Self-control in decision making involves modulation of the vmPFC valuation system", Science, 2009

20. B. Weber, A. Rangel, M. Wibral, A. Falk "The medial prefrontal cortex exhibits money illusion," PNAS, 2009.

19. B.D. Bernheim and A. Rangel, "Beyond Revealed Preference: Theoretic Foundations for Behavioral Economics," Quarterly Journal of Economics, 2009.

18. Carrie Armel and Antonio Rangel. "The impact of computation time and experience on

decision values," American Economic Review Papers and Proceedings, 2008.

17. M. Spezio, A. Rangel, et al. "A neural basis for the effect of candidate appearance on election outcomes", Social Cognitive and Affective Neuroscience, 2008.

16. C. Armel, A. Beaumel, A. Rangel, "Biasing simple choices by manipulating relative visual attention", Judgment and Decision Making, 2008.

15. A. Rangel, C. Camerer, and R. Montague, "A framework for studying the neurobiology of value-based decision-making," Nature Reviews Neuroscience, 2008.

14. S. Bray, A. Rangel, S. Shimojo, B. Balleine, J. O'Doherty, "The neural mechanisms underlying the influence of Pavlovian cues on human decision-making", Journal of Neuroscience, 2008.

13. T. Hare, J. O'Doherty, C. Camerer, W. Schultz, and A. Rangel, "Dissociating the role of the orbitofrontal cortex and the striatum in the computation of goal values and prediction errors", Journal of Neuroscience, 2008.

12. Hilke Plassmann, John O'Doherty, Baba Shiv, and Antonio Rangel "Marketing actions can modulate neural representations of experienced pleasantness", PNAS, 2008.

11. B. Douglas Bernheim and Antonio Rangel, "Toward Choice-Theoretic Foundations for Behavioral Welfare Economics," American Economic Review Papers and Proceedings, 2007.

10. Hilke Plassmann, John O'Doherty, and Antonio Rangel "Medial OFC encodes willingness-to-pay in simple economic transactions," Journal of Neuroscience, 2007.

9. Douglas Bernheim, Antonio Rangel and Luis Rayo, "The Power of the Last Word in Legislative Policy Making," Econometrica, 2006.

8. B. Douglas Bernheim and Antonio Rangel "From Neuroscience to Public Policy: A New Economic View of Addiction," Swedish Economic Policy Review, 2006.

7. Antonio Rangel, "How to Protect Future Generations Using Tax Base Restrictions", American Economic Review, March 2005.

6. B. Douglas Bernheim and Antonio Rangel, "Addiction and Cue-Triggered Decision Processes," American Economic Review, 2004.

5. Antonio Rangel, "Forward and Backward Intergenerational Goods: Why is Social Security Good for the Environment?" American Economic Review, 2003.

4. Estelle Cantillon and Antonio Rangel, "A Graphical Analysis of Some Basic Results in Social Choice," Social Choice and Welfare, 2002.

3. Elhanan Helpman and Antonio Rangel, "Adjusting to a New Technology: Experience and Training," Journal of Economic Growth, 1999.

2. John Ledyard, David Porter, and Antonio Rangel, "Experiments Testing Multi-object Allocation Mechanisms," Journal of Economics and Management Strategy, 1997.

1. John Ledyard, David Porter, and Antonio Rangel, "Using Computerized Exchange Systems to Solve an Allocation Problem in Project Management," Journal of Organizational Computing, 1994.

Publications: Book chapters

7. A. Rangel and J.A. Clithero, "The computation of stimulus values in simple choice", forthcoming in *Neuroeconomics: Decision-Making and the Brain*, 2nd edition, edited by Paul Glimcher and Ernst Fehr, 2013.

6. Antonio Rangel. "The neuroeconomics of simple goal-directed choice (circa 2008)," forthcoming in *The Cognitive Neurosciences IV,* edited by Michael Gazzaniga, 2009.

5. Antonio Rangel, "The computation and comparison of value in goal-directed choice," forthcoming in *Neuroeconomics: Decision-Making and the Brain*, edited by Paul Glimcher, Colin Camerer, Ernst Fehr, and Russell Poldrack, 2008.

4. B. Douglas Bernheim and Antonio Rangel, "Choice-Theoretic Foundations for Behavioral Welfare Economics," forthcoming in *Handbook of Economic Methodologies*, edited by Andrew Caplin and Andrew Schooter, 2008.

3. B. Douglas Bernheim and Antonio Rangel, "Behavioral Public Economics," entry for the New Palgrave Dictionary of Economics, 2nd edition, 2007.

2. B. Douglas Bernheim and Antonio Rangel, "Behavioral Public Economics: Welfare and Policy Analysis With Fallible Decision-Makers," in *Economic Institutions and Behavioral Economics*, edited by Peter Diamond and Hannu Vartiainen, Princeton University Press, 2007.

1. Antonio Rangel and Richard Zeckhauser, "Can Markets and Political Institutions Generate Optimal Intergenerational Risk Sharing?" in J. Campbell and M. Feldstein (eds.), *Risk Aspects of Investment Based Social Security Reform,* Chicago University Press, 2001.

Special Lectures
Neural Information Processing Systems, 2010
2nd Annual Lecture on NYU's Center for Neuroeconomics, 2012
Harvard Economics Department, Seymour and Harris Lecture, 2012
Cognitive Neuroscience Society, Plenary Session on Neuroeconomics, 2013
Maastricht Conference on Experimental and Behavioral Economics, Keynote, 2013
Stanford Institute for Theoretical Economics, Behavioral Economics, Keynote, 2013
Distinguished Speakers Series, Berlin, 2013
Society for Affective Neuroscience, Keynote, 2014
Society for Ingestive Behavior, Keynote, 2014
Decision Making Bristol, Keynote, 2014
9th Nordic Conference in Behavioral & Experimental Economics, Keynote, 2014
CESifo Conference in Behavioral Economics, Keynote, 2014

Public Lectures (since 2011)

Watson Lecture, Caltech, 2011
Cosmo-Caixa Lecture, 2012
LA County Bar Association, 2012
TEDx: The Brain, Caltech, 2013
Brain Awareness Week, U. Chicago, 2014

Teaching
Harvard, Principles of Economics, 1994-1997
Stanford, Graduate Neuroeconomics, 2004
Stanford, Graduate Public Economics and Political Economy, 1999-2004
Stanford, Graduate Psychology and Economics, 2003, 2006
Stanford, Undergraduate Public Economics, 1999, 2000
Stanford, Principles of Economics, 2004, 2006
Stanford, Graduate Microeconomic Theory, 1999, 2000
Caltech, Undergraduate Public Economics, 1997
Caltech, Neuroeconomics, 2007-2010
Caltech, Methods in Cognitive Neuroscience, 2008-2012, 2014-
Caltech, Principles of Economics, 2008, 2011-
Caltech, Applied Neuropsychology of Learning, 2018
Caltech, Bayesian Statistics, 2018-
Caltech, Graduate Pro-seminar in Decision and Social Neuroscience, 2018-

MOOC Teaching
Principles of Economics for Scientists, offered through Coursera, 2013
Principles of Economics with Calculus, offered through edX, 2014-2023

Teaching and Mentorship Awards
Mentor Recognition Award, UCSD, 2005
Harvard University Certificate of Distinction in Teaching, 1997
Allyn Young Teaching Prize, Harvard, 1997

Post-doctoral scholars supervised (main advisor only)
2005-2008 Hilke Plassmann (faculty, INSEAD)
2008-2010 Shi-Wei Wu (faculty, National Yang-Ming University)
2007-2010 Todd Hare (faculty, Neuroeconomics, U. of Zurich)
2008-2010 Milica (Milosavljevic) Mormann (faculty, SMU)
2010-2012 Peter Sokol-Hessner (faculty, U. Colorado)
2010-2012 Alison Harris (faculty, Claremont College)
2009-2012 Seung Lark (faculty, UMKC psychology)
2010-2012 Erie Boorman (faculty, UC Davis)
2011-2014 John Clithero (faculty, U Oregon)
2010-2014 Leila Kouhsari (faculty, Stanford University)
2008-2015 Cendri Hutcherson (faculty, U. Toronto)
2014-2015 Anita Tusche (faculty, U. Toronto)
2014-2017 Giovanni Gentile (start-up)
2019-2024 Zeynep Enkavi (faculty, Pomona)
2020-2020 Doug Lee

2020-2021 Gaia Lobardi (entrepreneur)

PhD students supervised (main advisor only)

2006-2010 Ian Krajbich (faculty, Ohio State Psychology)
2008-2012 Alice Lin (consulting)
2008-2012 Vanessa Janowski (Google)
2009-2012 Cary Frydman (faculty, USC Finance)
2009-2013 Ben Bushong (faculty, MSU)
2010-2015 Nikki Sullivan (faculty, LSE)
2010-2015 Geoffrey Fisher (faculty, Cornell, Marketing)
2014-2017 Gabriela Tavares (Google)
2020-2024 Brenden Eum (post-doc, U. Toronto)
2020-2025 Panteleimon Vafidis
2022- Wenning Deng
2022- Thomas Henning

Service

Head Faculty in Residence, Caltech, 2018-
Board Member, Caltech Children Center, Sep 2015- Feb 2016
First Summer School in Neuroeconomics, co-organizer, Summer 2006
Society for Neuroeconomics:
- Executive board 2004-2006
- Secretary/Treasurer 2006 -2007
- President 2009-2010

Program Committee for:
- Society for Neuroeconomics, September 2006
- North-American Meetings of the Econometric Society, Winter 2005

Stanford Institute for Theoretical Economics (SITE):
- "Psychology and Economics 6.0", co-organizer, July 2006
- "Psychology and Economics 5.0", co-organizer, August 2005
- "Psychology and Economics 4.0", co-organizer, August 2004
- "Psychology and Economics 3.0", co-organizer, August 2003
- "Psychology and Economics 2.0", co-organizer, August 2002
- "Psychology and Economics 1.0," co-organizer, August 2001
- "Dynamic Issues in Public Economics," co-organizer, July 2002
- "Political Economy and Public Finance," co-organizer, July 2001
- "Advances in the Theory of Taxation", co-organizer, July 2000
- "Intergenerational Issues in Public Economics," organizer, June 1999

American Economic Association Annual Meeting:
- "Session on Behavioral Public Economics", organizer, January 2004
- "Session on Neuroeconomics", co-organizer, January 2003
- "Session on Behavioral Public Economics", organizer, January 2003

Society for Public Economic Theory:
- "Session on Behavioral Public Economics", organizer, June 2004
- "Session on Comparative Political Institutions", organizer, June 2004

Editorial duties:
- Journal of Neuroscience, Associate Editor, 2014 - 2016
- Social Cognitive and Affective Neuroscience, Associate Editor, 2013 - 2015

- Judgment & Decision Making, Consulting Editor, 2011 -
- Psychological Science, Editorial Board, 2011 - 2014
- Guest editor, PLOS Computational Biology
- Guest editor, PNAS

Refereeing in economics: *American Economic Review, American Economic Journal: Microeconomics, B.E. Journals in Economic Analysis & Policy, Current Biology, Econometrica, Economic Design, Economic Letters, Economic Theory, Environmental and Resource Economics, European Economic Review, Games and Economic Behavior, International Tax and Public Finance, Journal of Economic Literature, Journal of Economic Theory, JEBO, Journal of Economics and Management Strategy, Journal of Econometrics, Journal Economic Theory, Journal of Finance, Journal of Health Economics, Journal of Labor Economics, Journal of Political Economy, Journal of Public Economics, Journal of Public Economic Theory, Quarterly Journal of Economics, Review of Economics Studies*

Refereeing in neuroscience and psychology: *Acta Psychologica, Behavioral and Brain Sciences, Behavioral Brain Research, Behavioral Neuroscience, Brain Research, Cerebral Cortex, Cognitive Science, Current Biology, Decision, Emotion, European Journal of Neuroscience, Frontiers in Neuroscience, Human Brain Mapping, Journal of Cognitive Neuroscience, Journal of Experimental Psychology, Journal of Finance, Journal of Neuroscience, Journal of Neurophysiology, Journal of Neuroscience Psychology and Economics, Judgment and Decision Making, Nature Communications, Nature Human Behavior, Nature Neuroscience, Nature Reviews Neuroscience, Neuroimage, Neuron, Neuropsychologia, Neuroscience and Biobehavioral Reviews, Perspectives on Psychological Science, Physiology & Behavior, PLOS One, PLOS Biology, PLOS Computational Biology, Proceedings of the National Academy of Science, Proceedings of the Royal Society, Psychological Review, Psychological Science, Psychonomic Bulletin & Review, Science, Science Advances, Social Cognitive and Affective Neuroscience, Social Neuroscience, Trends in Cognitive Science, Visual Cognition*

Reviewer for National Science Foundation, HFSP, Social Science Research Council and Wellcome-Trust.

Scientific Peer Review Panel :
- NIH/NIA 2005, 2007
- NIH I/START 2009