

JOSEPH W. KABLE

Department of Psychology, University of Pennsylvania
Solomon Labs, 3720 Walnut St.
Philadelphia, PA 19104
kable@psych.upenn.edu

EMPLOYMENT

Baird Term Associate Professor of Psychology, University of Pennsylvania, 2015-present.

Baird Term Assistant Professor of Psychology, University of Pennsylvania, 2012-2015.

Assistant Professor, Department of Psychology, University of Pennsylvania, 2008-2015.

Postdoctoral Fellow, Center for Neural Science, New York University, 2004-2008. Mentor: Paul W. Glimcher.

EDUCATION

Ph.D., Neuroscience, University of Pennsylvania, 1999-2004. Advisor: Anjan Chatterjee.

B.S., Chemistry, *with highest honors*, Emory University, 1992-1996. Advisor: Joseph B. Justice.

GRANTS

- NIH/NIMH, T32 MH017168. "Training Program in Behavioral and Cognitive Neuroscience." Principal Investigator (since 2017). 1984-2019.
- NSF, 1631550. "A mechanistic model of cognitive control." Principal Investigator (MPI: D. Bassett, J. Kable, T. Satterthwaite, F. Pasqualetti). (\$338,000 total direct costs). 2016-2019.
- Khodadad Family Gift, "Excessive selfishness: an integrated neural, genetic and behavioral approach," Principal Investigator (MPI: E. Brodtkin & J. Kable). (\$362,149 total direct costs). 2016-2018.
- NSF, 1533623. "The role of noise in mental exploration for learning." Principal Investigator (MPI: J. Gold & J. Kable). (\$625,000 total direct costs). 2015-2018.
- NIH/NCI, R01 CA170297. "Retraining neurocognitive mechanisms of cancer risk behavior." Principal Investigator (MPI: J. Kable & C. Lerman). (\$1,226,870 total direct costs). 2012-2017.
- NIH/NIMH, R01 MH098899. "Individual, age-dependent differences in ACC-mediated adaptive decision making." Principal Investigator (MPI: J. Gold & J. Kable). (\$1,284,632 total direct costs). 2012-2016.
- NIH/NIDA, R01 DA029149. "Neural mechanisms underlying changes in preference." Principal Investigator. (\$980,343 total direct costs). 2010-2016.
- Pilot project funded by the University of Pennsylvania Comprehensive Neuroscience Center. "Common and Divergent Mechanisms of Anhedonia Across Psychiatric Disorders."

- Principal Investigator. (MPI: J. Kable & D. Wolf, \$43,500 total project costs). 2011-2012.
- NIH, Pilot project funded by TRIO (Population Aging Research Center, NIA P30 AG-012836; the Boettner Center for Pensions and Retirement Security; and the Population Studies Center, NICHD R24 HD-044964). “Neural Substrates of Anticipatory Time Perception and Time Discounting.” Principal Investigator. (MPI: J. Kable & G. Zauberman, \$19,966 total project costs). 2011-2012.
- NIH/NIA, Pilot project funded by P30 for Population Aging Research Center (PI: B. J. Soldo). “Neuroeconomics of intergenerational sacrifice.” Principal Investigator. (MPI: L. Chao & J. Kable, \$119,000 total project costs). 2009-2011.
- NIH/NIMH, National Research Service Award, F32 MH75544. “Neural mechanisms of temporal discounting in humans.” Principal Investigator. 2005-2007.
- NIH/NIMH, R01 MH101111. “Quantitative behavioral and imaging phenotypes of amotivation in schizophrenia.” Co-investigator. (PI: D. Wolf). 2013-2017.
- NIH/NIDA, R21 DA032022. “Imaging risk taking in smokers.” Co-Investigator. (PI: H. Rao). 2012-2014.
- NIH/NIDA, R03 DA027098. “Imaging individual differences in risk taking.” Co-Investigator. (PI: H. Rao). 2011-2012.

HONORS AND AWARDS

- Early Career Award, Society for Neuroeconomics, 2014
- Best Talk, Society for Neuroeconomics 10th Annual Meeting, 2013
- Ruth L. Kirschstein National Research Service Award Individual Fellowship, 2005-2007.
- National Science Foundation Graduate Fellowship, 2000-2003.
- Dolores Zohrab Liebmann Graduate Fellowship (declined), 2000-2003.
- Lucius Lamar McMullan Award (\$20,000 grant given to outstanding Emory senior based on citizenship, leadership and service), 1996.
- Emory Scholar, Charles and Anne Duncan Scholarship (full tuition scholarship), 1992-1996.
- Phi Beta Kappa, 1994.

PUBLICATIONS

Peer-Reviewed Publications:

* = JWK trainee

Miglin, R., **Kable, J. W.**, Bowers, M. E., and Ashare, R. L. (in press). Withdrawal-related changes in delay discounting predict short-term smoking abstinence. *Nicotine and Tobacco Research*.

Parthasarathi, T.*, McConnell, M.*, Luery, J.*, and **Kable, J. W.** (2017). The vivid present: visualization abilities are associated with steep discounting of future rewards. *Frontiers in Psychology*, **8**: 289. doi: 10.3389/fpsyg.2017.00289.

Sharma, A., Wolf, D. H., Ciric, R., **Kable, J. W.**, Moore, T. M., Vandekar, L., Katchmar, N., Daldal, A., Ruparel, K., Davatzikos, C., Elliott, M. A., Calkins, M. E., Shinohara, R. T., Bassett,

D. S., Satterthwaite, T. D. (in press). Common dimensional reward deficits across mood and psychotic disorders: A connectome-wide association study. *American Journal of Psychiatry*.

Yu, L. Q.*, Lee, S.*, Katchmar, N., Satterthwaite, T. D., **Kable, J. W.**, and Wolf, D. H. (2017) Steeper discounting of delayed rewards in schizophrenia. *Psychiatry Research*, **252**, 303-309. doi: 10.1016/j.psychres.2017.02.062.

Halfmann, K., Hedgcock, W., **Kable, J. W.**, and Denburg, N. (2016). Individual differences in the neural representation of subjective value among older adults. *Social, Cognitive and Affective Neuroscience*, **11**: 1111-20. doi: 10.1093/scan/nsv078. PMID: PMC4927033.

Hershenberg, R., Satterthwaite, T. D., Daldal, A., Katchmar, N., Moore, T. M., **Kable, J. W.**, and Wolf, D. H. (2016). Diminished effort on a progressive ratio task in both unipolar and bipolar depression. *Journal of Affective Disorders*, **196**: 97-100. doi: 10.1016/j.jad.2016.02.003.

Jung, W. H.*, Prehn, K., Fang, Z., Korczykowski, M., **Kable, J. W.**, Rao, H., and Robertson, D. C. (2016). Moral competence and brain connectivity: a resting-state fMRI study. *Neuroimage*

Krastev, S., McGuire, J. T.*, McNeney, D., **Kable, J. W.**, Stolle, D., Gidengil, E., and Fellows, L. K. (2016). Do political and economic choices rely on common neural substrates? A review and fMRI meta-analysis. *Frontiers in Psychology*. **7**:264. doi: 10.3389/fpsyg.2016.00264.

Sharma, A., Satterthwaite, T. D., Vandekar, L., Katchmar, N., Daldal, A., Ruparel, K., Elliott, M. A., Baldassano, C., Thase, M. E., Gur, R. E., **Kable, J. W.**, and Wolf, D. H. (2016). Divergent relationship of depression severity to social reward responses among patients with bipolar versus unipolar depression. *Psychiatry Research: Neuroimaging*, **254**: 18-25. doi: 10.1016/j.psychresns.2016.06.003.

Siegler, J. E., **Kable, J. W.**, and Chatterjee, A. (2016). Resident decision-making: Opioids in the outpatient setting. *Journal of Graduate Medical Education*, **8**: 138-141. doi: 10.4300/JGME-D-15-00186.1

Ashare, R. L. and **Kable, J. W.** (2015). Sex differences in time perception during smoking abstinence. *Nicotine and Tobacco Research*, **17**: 449-454. doi: 10.1093/ntr/ntu260. PMID: PMC4432399.

Glaze, C.*, **Kable, J. W.**, and Gold, J. I. (2015). Normative evidence accumulation in an unpredictable environment. *eLife*, **4**: e08825. PMID: PMC4584511.

Kable, J. W., and Levy, I. (2015). Neural markers of individual differences in decision making. *Current Opinion in Behavioral Sciences*, **5**: 100-107. doi:10.1016/j.cobeha.2015.08.004. PMID: In Process.

McGuire, J. T.* and **Kable, J. W.** (2015). Medial prefrontal cortical activity reflects dynamic reassessment of subjective value during voluntary persistence. *Nature Neuroscience*, **18**: 760-766. doi: 10.1038/nn.3994. PMID: PMC4437670.

Pegors, T., **Kable, J. W.**, Chatterjee, A., and Epstein, R. A. (2015). Common and unique representations in prefrontal cortex for face and place attractiveness. *Journal of Cognitive Neuroscience*, **27**: 959-973. doi: 10.1162/jocn_a_00777. PMID: PMC4681394.

Satterthwaite, T. D., **Kable, J. W.**, Vandekar, L., Katchmar, N., Bassett, D. S., Baldassano, C. F., Ruparel, K., Elliott, M. A., Sheline, Y. I., Gur, R. C., Gur, R. E., Davatzikos, C., Leibenluft, E., Thase, M. E., and Wolf, D. (2015). Common and dissociable dysfunction of the value system in bipolar and unipolar depression. *Neuropsychopharmacology*, **40**: 2258-2268. doi: 10.1038/npp.2015.75. PMID: PMC4613620.

Cox, K.* and **Kable, J. W.** (2014). BOLD subjective value signals exhibit robust range adaptation. *Journal of Neuroscience*, **34**: 16533-16543. doi: 10.1523/JNEUROSCI.3927-14.2014. PMID: PMC4252558.

Gilaie-Dotan, S., Tymula, A., Cooper, N.*, **Kable, J. W.**, Glimcher, P. W., Levy, I. (2014). Neuroanatomy predicts individual risk attitudes. *Journal of Neuroscience*, **34**: 12394-12401. doi: 10.1523/JNEUROSCI.1600-14.2014. PMID: PMC4160774.

McGuire, J. T.*, Nassar, M. R.*, Gold, J. I. and **Kable, J. W.** (2014). Functionally dissociable influences on learning rate in a dynamic environment. *Neuron*, **84**: 870-881. doi: 10.1016/j.neuron.2014.10.013. PMID: PMC4437663.

Mukherjee, D.* and **Kable, J. W.** (2014). Decision-making impairment in mental illness: a meta-analysis. *Clinical Psychological Science*, **2**: 767-782. doi: 10.1177/2167702614531580.

Smidts, A., Hsu, M., Sanfey, A. G., Boksem, M. A. S., Epstein, R. B., Huettel, S. A., **Kable, J. W.**, Karmarkar, U., Kitayama, S., Knutson, B., Liberzon, I., Lohrenz, T., Stallen, M., Yoon, C. (2014). Advancing consumer neuroscience. *Marketing Letters*, **25**: 257-267. doi: 10.1007/s11002-014-9306-1.

Vo, K.*, Rutledge, R., Chatterjee, A., and **Kable, J. W.** (2014). Striatum is necessary for stimulus-value but not action-value learning in humans. *Brain*, **137**: 3129-3135. doi: 10.1093/brain/awu277. PMID: PMC4240290.

Bartra, O.*, McGuire, J. T.*, and **Kable, J.W.** (2013). The valuation system: A coordinate-based meta-analysis of BOLD fMRI experiments examining neural correlates of subjective value. *NeuroImage*, **76**: 412-427. doi:10.1016/j.neuroimage.2013.02.063. PMID: PMC3756836.

Cooper, N. S.*, **Kable, J. W.**, Kim, K., and Zauberman, G. (2013). Brain activity in valuation regions while thinking about the future predicts individual discount rates. *Journal of Neuroscience*, **33**: 13150-13156. doi: 10.1523/JNEUROSCI.0400-13.2013. PMID: PMC3735887.

Kurzban, R., Duckworth, A., **Kable, J. W.**, and Myers, J. (2013). An opportunity cost model of subjective effort and task performance. *Behavioral and Brain Sciences*, **36**: 661-679. doi: 10.1017/S0140525X12003196. PMCID: PMC3856320.

McGuire, J. T.*, and **Kable, J.W.** (2013). Rational temporal predictions can underlie apparent failures to delay gratification. *Psychological Review*, **120**: 395-410. doi:10.1037/a0031910. PMCID: PMC3773987.

Kim, B. E*, Seligman, D. *, and **Kable, J. W.** (2012). Preference reversals in decision-making under risk are accompanied by changes in attention to different attributes. *Frontiers in Neuroscience*, **6**:109. doi: 10.3389/fnins.2012.00109. PMCID: PMC3400145.

McGuire, J. T. *, and **Kable, J.W.** (2012). Decision makers calibrate behavioral persistence on the basis of time-interval experience. *Cognition*, **124**: 216-226. doi: 10.1016/j.cognition.2012.03.008. PMCID: PMC3503451.

Senecal, N. *, Wang, T. *, Thompson, E. *, and **Kable, J. W.** (2012). Normative arguments from experts and peers reduce delay discounting. *Judgment and Decision Making*, **7**: 566-589. PMCID: PMC3626281.

Yoon, C., Gonzalez, R., Bechara, A., Berns, G.S., Dagher, A., Dube, L., Huettel, S., **Kable, J.W.**, Liberzon, I., Plassmann, H., Smidts, A., and Spence, C. (2012). Decision neuroscience and consumer decision making. *Marketing Letters*, **23**: 473-485. doi: 10.1007/s11002-012-9188-z.

Camille, N., Griffiths, C. A., Vo, K. *, Fellows, L. K., **Kable, J. W.** (2011). Ventromedial frontal lobe damage disrupts value maximization in humans. *Journal of Neuroscience*, **31**: 7527-7532. doi: 10.1523/JNEUROSCI.6527-10.2011. PMCID: PMC3122333.

Kable, J. W. (2011). The cognitive neuroscience toolkit for the neuroeconomist: A functional overview. *Journal of Neuroscience, Psychology and Economics*, **4**: 63-84. doi: 10.1037/a0023555. PMCID: PMC3142554.

Kable, J. W., and Glimcher, P. W. (2010). An “as soon as possible” effect in human intertemporal decision making: Behavioral evidence and neural mechanisms. *Journal of Neurophysiology*, **103**: 2513-2531. doi: 10.1152/jn.00177.2009. PMCID: PMC2867580.

Kable, J.W., and Glimcher, P.W. (2009). The neurobiology of decision: Consensus and controversy. *Neuron* **63**, 733-745. doi: 10.1016/j.neuron.2009.09.003. PMCID: PMC2765926.

Glimcher, P. W, **Kable, J. W.**, and Louie, K. (2007). Neuroeconomic studies of impulsivity: Now or just as soon as possible? *American Economic Review*, **97**, 142-147. doi: 10.1257/aer.97.2.142.

Kable, J. W., and Glimcher, P. W. (2007). The neural correlates of subjective value during intertemporal choice. *Nature Neuroscience*, **10**, 1625-1633. doi:10.1038/nn2007. PMCID: PMC2845395.

Kable, J. W. and Chatterjee, A. (2006). Specificity of action representations in the lateral occipitotemporal cortex. *Journal of Cognitive Neuroscience*, **18**, 1498-1517. doi:10.1162/jocn.2006.18.9.1498.

Kan, I. P., **Kable, J. W.**, Van Scoyoc, A., Chatterjee, A., and Thompson-Schill, S. (2006). Fractionating the left frontal response to tools: Dissociable effects of motor experience and lexical competition. *Journal of Cognitive Neuroscience*, **18**, 267-77. doi: 10.1162/jocn.2006.18.2.267.

Kable, J. W., Kan, I. P., Wilson, A., Thompson-Schill, S. L., and Chatterjee, A. (2005). Conceptual representations of action in lateral temporal cortex. *Journal of Cognitive Neuroscience*, **17**, 855-870. doi: 10.1162/089892905775008625.

Kable, J. W., Lease-Spellmeyer, J., and Chatterjee, A. (2002). Neural substrates of action event knowledge. *Journal of Cognitive Neuroscience*, **14**, 795-805. doi:10.1162/08989290260138681.

Kable, J. W., Murrin, L. C. and Bylund, D. B. (2000). *In Vivo* gene modification elucidates subtype-specific functions of α -2 adrenergic receptors. *Journal of Pharmacology and Experimental Therapeutics*, **293**, 1-7.

Burgess, K. S. D., **Kable, J. W.**, and Justice, J. B. (1999). Rotating disk electrode voltammetry applied to the kinetics of uptake and efflux in wild-type and mutant catecholamine transporters. *Electroanalysis*, **11**, 337-343. doi: 10.1002/(SICI)1521-4109(199905)11:5<337::AID-ELAN337>3.0.CO;2-C.

Justice, J. B., Danek, K. S., **Kable, J. W.**, Barker, E. L., and Blakely, R. D. (1998). Voltammetric approaches to kinetics and mechanism of the norepinephrine transporter. *Advances in Pharmacology*, **42**, 191-194.

Book Chapters, Commentary, Conference Reports:

* = JWK trainee

Parthasarathi, T.*, and **Kable, J. W.** (in press). Cognitive neuroscience methods: An introductory overview for social scientists. In *Thinking About Bribery: Neuroscience, Moral Cognition and Psychology of Bribery* (Phillip M. Nichols & Diana Robertson, eds.).

McGuire, J. T.*, and **Kable, J. W.** (2016). Deciding to curtail persistence. In *Handbook of Self-Regulation* (Kathleen Vohs & Roy Baumeister, eds.).

Vo, K.*, Rutledge, R., Chatterjee, A., and **Kable, J. W.** (2015). Reply: Differential functions of ventral and dorsal striatum. *Brain*.

McGuire, J. T.*, and **Kable, J. W.** (2014). Go means green. *Nature Neuroscience*, **17**: 489-490. doi:10.1038/nn.3680.

Kable, J. W. (2013). Valuation, intertemporal choice and self-control. In *Neuroeconomics*, 2nd edition (Paul Glimcher & Ernst Fehr, eds.).

Kurzban, R., Duckworth, A., **Kable, J. W.**, and Myers, J. (2013). Cost-benefit models as the next, best option for understanding subjective effort. *Behavioral and Brain Sciences*, **36**: 707-726. doi: 10.1017/S0140525X13001532.

Kable, J. W. (2012). Neuroeconomics: an example of how neuroscience can inform the social sciences. In *Grounding Social Sciences in Cognitive Sciences* (Ron Sun, ed.).

Kable, J. W. (2011). Social influences on “self”-control. *Decision making for a social world*. Webconference at cognitionandculture.net.

McGuire, J. T.*, and **Kable, J. W.** (2011). Time interval statistics adaptively modulate decision makers’ willingness to wait for delayed outcomes. *Proceedings of the Cognitive Science Society 33rd Annual Conference*.

Kable, J. W. (2010). Just a little (lateral prefrontal) patience. *Nature Neuroscience*, **5**, 523-524. doi:10.1038/nn0510-523.

Working Papers, Manuscripts Under Review or In Revision:

* = JWK trainee

Cooper, N.*, and **Kable, J.W.** Differentiation of neural responses to subjective value, value comparison, and chosen value during human decision-making.

Fang, Z., Jung, W. H.*, Korczykowski, M. Luo, L., Prehn, K., Xu, S., Detre, J. A., **Kable, J. W.**, Roberston, D., and Rao, H. Post-conventional moral reasoning is associated with increased ventral striatal activity at rest and during task.

Kable, J. W., Caulfield, M. K.*, Falcone, M., McConnell, M.*, Bernardo, L., Parthasarathi, T.*, Cooper, N.*, Ashare, R., Audrain-McGovern, J., Hornik, R., Diefenback, P., Lee, F., and Lerman, C. Can adaptive cognitive training modulate neural activity to optimize decision-making?

Kazinka, R.*, Enkavi, A. Z.*, Vo, K.*, and **Kable, J.W.** Eye movements reveal cognitive processes involved in the asymmetric dominance effect.

Lee, S.*, Gold, J. I., and **Kable, J. W.** The human as Kalman filter.

Lempert, K. M.*, McGuire, J. T.*, Hazeltine, D. B., Phelps, E. A., and **Kable, J. W.** The effects of acute stress on the calibration of persistence.

Li, Y. S., Nassar, M. R., **Kable, J. W.**, and Gold, J. I. The anterior and posterior cingulate cortices encode feedback and contextual factors that drive adaptive learning in a dynamic environment.

Medaglia, J. D., Gu, S., Pasqualetti, F., Ashare, R. L., Lerman, C., **Kable, J. W.**, and Bassett, D. S. Cognitive control in the controllable connectome.

Parthasarathi, T.*, and **Kable, J. W.** A double dissociation between the dorsal and ventral default mode network in the constructive versus evaluative functions of imagination.

TEACHING/MENTORING

Undergraduate & Graduate Courses:

- INTG 002: Decisions and Learning (Spring 2016)
- PSYC 160: Personality and Individual Differences (Fall 2009, Fall 2010, Fall 2011, Fall 2012, Spring 2014, Spring 2015)
- PSYC 360: Research Experience in Personality (Spring 2011)
- PSYC 479: Neuroeconomics (Spring 2009, Spring 2010, Spring 2011, Spring 2012, Spring 2015, Fall 2016)
- PSYC 525: Controversies in Psychology & Neuroscience (Spring 2017)

Lecturer:

- Bioethics 555: Neuroethics (Summer 2009)
- Marketing 960: Judgment and Decision Making (Fall 2009, Fall 2013)
- Penn Neuroscience Boot Camp (Summers 2009-2014)
- Institute for Research in Cognitive Science Summer Workshop for Undergraduates (Summer 2009, Summer 2012)
- Computational Neuroscience Summer Program (Summer 2009, Summer 2010, Summer 2012)
- Psychiatry Intern Journal Club (Summer 2010)
- Advanced Systems Neuroscience (Fall 2011)
- Psychology 600: Proseminar in Social Psychology (Spring 2011, Spring 2013)
- Philosophy 525: Experiments in Ethics (Fall 2012)
- Preceptorial on Neuroeconomics (Spring 2012, Fall 2012, Fall 2014)
- Penn-Princeton-Rutgers Graduate Seminar in Moral Psychology (Fall 2013)
- Center for Neuroscience and Society Summer Fellowships in Teaching Neuroethics (Summer 2013)
- Law & Neuroscience (Spring 2015)
- Neuroscience Core III (Spring 2015, Spring 2016, Spring 2017)
- Undergraduate Summer Workshop in Interdisciplinary Mind and Brain Studies (Summer 2017)

Postdoctoral Scholars

- Joe McGuire, 2010-2015
Recipient of an individual National Research Service Award, F32 DA030870, "Temporal dynamics and neural mechanisms of preference reversal"; currently Assistant Professor of Psychological & Brain Sciences, Boston University
- Karin Cox, 2011-2014
- Matt Nassar, 2012-2013
- Chris Glaze, 2014-2016

- Wi Hoon Jung, 2014-2017
- Kristin Brethel-Haurwitz, 2016-present
- Karolina Lempert, 2016-present

Graduate Students (Ph.D.):

- Nicole (Senecal) Cooper (Neuroscience), 2009-2013
- Betty Kim-Viechnicki (Psychology), 2010-2015
- Dahlia Mukherjee (Psychology), 2012-2014
- Marieta Pehlivanova (Psychology), 2012-present
- Trishala Parthasarathi (Neuroscience), 2013-present
- Linda Yu (Psychology), 2013-present
Recipient of an NSERC Postgraduate Scholarship
- Sangil (Arthur) Lee (Psychology), 2014-present
- Chang-Hao Kao (Psychology), 2015-present

Graduate Students (Masters):

- Li Jiang (Neuroscience), 2009-2010
- Nicolas Harbig (Psychology, Maastricht University), 2010

Graduate Students (Rotation):

- Srihari Sritharan (Neuroscience), Fall 2012
- Vanessa Fleites (Neuroscience), Fall 2015
- Kyra Levy (Neuroscience), Summer 2016
- Ursula Tooley (Neuroscience), Fall 2016

Graduate Student Thesis Committees:

- David January (Psychology), 2008
- Nina Hsu (Neuroscience), 2008-2012
- Eli Tsukayama (Psychology, chair), 2008-2012
- Kyu Kim (Marketing), 2009-2010
- Martin Wiener (Psychology, chair), 2009-2011
- Dahlia Mukherjee (Psychology, chair), 2009-2012
- Marc Coutanche (Psychology), 2009-2013
- Pam Stokes (Psychology), 2010-2011
- Vanessa Troiani (Neuroscience), 2010-2012
- Lindsay Vass (Neuroscience), 2010-2014
- Teresa Pegors (Psychology), 2010-2014
- Sheeva Azma (Neuroscience, Georgetown), 2011-2013
- Nicole Long (Psychology), 2011-2015
- Ashwin Ramayya (Neuroscience, chair), 2012-2014
- Justus Myers (Psychology), 2012-2014
- Gabriela Kattan (Psychology), 2013-present
- Johannes Eichstaedt (Psychology), 2013-present
- Khaing Win (Neuroscience, chair), 2014-present
- Xuan Gao (Psychology), 2014-present
- Yunshu Fan (Neuroscience), 2015-present

- Olga Tkachenko (Psychology), 2015-present
- Long Luu (Psychology), 2015-present
- Shalena Srna (Psychology), 2015-present
- Meghan Healey (Neuroscience), 2016-present
- Nathan Tardiff (Psychology), 2016-present
- Cheyenne Allenby (Pharmacology), 2016-present
- Diana Xie (Neuroscience), 2016-present
- Opeyemi Alabi (Neuroscience), 2017-present
- Ari Kahn (Neuroscience, chair), 2017-present

Other Graduate Student Committees:

- Marc Coutanche (Psychology 699), 2009
- Kate Christison-Lagay (Neuroscience Preliminary Exam), 2010
- Allison Nahmias (Psychology 699), 2011
- Ashwin Ramayya (Neuroscience Preliminary Exam), 2012
- David Seelig (Neuroscience Preliminary Exam), 2012
- Alejandro Adler (Psychology 699), 2012
- Khaing Win (Neuroscience Preliminary Exam), 2013
- Lisa Musz (Psychology 699), 2013
- Johannes Eichstaedt (Psychology 699), 2013
- Kamesh Krishnamurthy (Neuroscience Preliminary Exam), 2014
- Jack Keefe (Psychology 699), 2014
- Lauren Brumley (Psychology 699), 2014
- Meghan Healey (Neuroscience Preliminary Exam), 2015
- Shalena Srna (Psychology 699), 2015
- Ari Kahn (Neuroscience Preliminary Exam), 2015
- Diana Xie (Neuroscience Preliminary Exam), 2016

Undergraduate Independent Study:

- Sunny Saxena (Biology/Life Sciences & Management Program), 2009
- Khoi Vo (Biological Basis of Behavior), 2009-2012
Recipient of the Goldfeder Family Undergraduate Research Grant
- Cindy Kim (Psychology), 2009-2010
- Qintan Lin (Psychology), 2010-2011
Recipient of the Milstein Family Undergraduate Research Grant
- Maggie Covell (Psychology), 2010-2011
Recipient of the Sabini Award
- Teresa Wang (Biology/Life Sciences & Management Program), 2010
- Allison Oakes (Psychology), 2010-2013
Recipient of the Benjamin Franklin Society Undergraduate Research Grant
- Shikha Saxena (Biological Basis of Behavior), 2011-2012
- Sophie Gindea (PURM summer program), 2011
- Oscar Bartra Carreras (Positive Studies summer program), 2011-2012
- Darryl Seligman, 2011
- Elizabeth Thompson, 2011
- Justin Reggi (Biological Basis of Behavior), 2011-2012

- Zeynep Enkavi (Cognitive Science), 2011-2012
- Daniel Santos (Psychology), 2011
- Nitya Kanuri (Biological Basis of Behavior), 2012
- Peter McNally, 2012
- Emily Wasserman, 2012
- Jose Robles (Psychology), 2012
- Yael Burla (Biological Basis of Behavior), 2012-2014
- Katy Siu (Psychology, post-baccalaureate), 2012
- Praachi Rajee (Biological Basis of Behavior), 2013
- Kathleen Hoe (Psychology), 2013
- Athena Lem (Psychology), 2013
- Margaret Merrill (Psychology), 2013-2014
Recipient of the Sabini Award
- Lina Hashem (Cognitive Science), 2013-2014
- Rochelle Shen (Biological Basis of Behavior), 2014
- Thomas Peterson (Cognitive Science), 2014-present
- Darby Breslow (Biological Basis of Behavior), 2014
- John Paul Hagan (Psychology), 2014-2015
- Kelsey Williams (Psychology), 2014
- Chetan Kanna (Biological Basis of Behavior), 2015-2016
- Jae Ho Hur (Psychology), 2015-2016
- Jonathan Bloom (Cognitive Science), 2015-2016
- Ian Jean (PURM summer program), 2016
- Tiffany Dominguez (PURM summer program), 2016
- Rodney Jones, 2016
- Samantha Linhares (Cognitive Science), 2016-present
- Natalia Ruh (Psychology), 2017-present

SERVICE

Department of Psychology:

- Chair's Advisory Committee, 2009-2010
- Institutional Review Board representative, 2010-2011
- Graduate Group Executive Committee, 2011-2012, 2015-2016
- Clinical Search Committee, 2010-2011
- Ad-hoc committee for target-of-opportunity hire, 2012
- Evolution Cluster Search Committee, 2013-2014
- Strategic Planning Committee, 2014-2015
- Ad-hoc committee for Research Assistant Professor search, 2015
- Affective Science Search Committee, 2016-2017

School of Arts & Science:

- Strategic Planning Faculty Working Group, "Mapping the Mind", 2013-2014
- Faculty Planning Group on Mapping the Mind, 2015-2017

Neuroscience Graduate Group:

- Rotation Talks Committee, 2009-2010
- Academic Review Committee, 2010-present
- Organizer, Systems & Computational Neuroscience Lab Nights, 2013-2016
- Admissions Ad Hoc Committee, 2015

Biomedical Graduate Studies:

- Pharmacology Graduate Group Review Committee, 2013-2014

Mahoney Institute for Neurosciences:

- Seminar Committee, 2014-2015

Center for Cognitive Neuroscience:

- Organizer, Professional Development Workshops, 2015-2016

PROFESSIONAL ACTIVITIES

Professional Affiliations:

- Society for Neuroscience, 1999-present
- Cognitive Neuroscience Society, 2001-present
- Society for Neuroeconomics, 2005-present
- Association for Psychological Science, 2009-present

Leadership Positions:

- Elected Board Member, Society for Neuroeconomics, 2013-2017
- Co-chair of the Identity and Personality Network of the Human Capital and Economic Opportunity Global Working Group, 2013-present
- Program Committee, Society for Neuroeconomics, 2014-2015
- Chair, Program Committee, Society for Neuroeconomics, 2015-2017
- President-Elect, Society for Neuroeconomics, 2016-2017

Editorial Board:

- Editor, WIREs Cognitive Science, 2017-present

Ad-hoc Reviewer:

- Acta Psychologica; Addiction Biology; American Economic Review; Biological Psychiatry; Brain; Brain Research; Cerebral Cortex; Cognition; Cognitive, Affective and Behavioral Neuroscience; Cognitive Science; Cortex; Current Directions in Psychological Science; Depression & Anxiety; Emotion; European Journal of Neuroscience; Frontiers in Behavioral Neuroscience; Frontiers in Decision Neuroscience; Games and Economic Behavior; Human Brain Mapping; International Journal of Neural Systems; Journal of Cognitive Neuroscience; Journal of Economic Behavior and Organization; Journal of Experimental Psychology: General; Journal of Marketing Research; Journal of Neuroscience; Journal of Neurophysiology; Journal of Political Economy; Journal of the International Neuropsychological Society; Judgment and Decision Making; Nature; Nature Neuroscience; Neurocase; Neuroimage; Neuron; Neuropsychopharmacology; Neuroscience Letters; PLoS Computational Biology; Proceedings of the National Academy of Sciences; Psychological Bulletin; Psychological Science; Quarterly Journal of Economics; Science; Trends in

Cognitive Sciences

Grant Reviewer (ad-hoc):

- National Institutes of Health (Social Psychology, Personality and Interpersonal Processes; Special Emphasis Panels: ZCA1-SLRB-2-J1; ZCA1-TCRB-Y-J3; ZRG1-BBBP-Z-04; ZCA1-SRB-J-J1); National Science Foundation (Cognitive Neuroscience; Decision, Risk and Management Sciences); Department of Defense (Defense Threat Reduction Agency); International Federation for Research in Experimental Economics; Israel Science Foundation; National Center for Responsible Gaming; Wellcome Trust

Conference Organizer:

- “Decision Neuroscience: How Neuroscience can Inform Behavioral Decision Making Research – Overview, Methods & Applications,” Ann Arbor, MI, August 21-23, 2009.
- “Personality and Identity Formation in Childhood and Adolescence,” Chicago, IL, May 24, 2013.
- “The Effect of Socioeconomic Status on Identity and Personality,” Chicago, IL, October 20, 2014.

Invited Talks (National & International):

- “Frontal Cortex Contributions to Decision-Making,” symposium at the 24th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, March 26, 2017.
- “Persistent Maladaptive Behaviors: Why We Make Bad Choices,” symposium at the University of Rochester, Rochester, NY, October 13, 2016.
- Neural and Cognitive Sciences Seminar, University of Maryland, College Park, MD, September 30, 2016.
- Consumer Neuroscience Symposium, Berlin, Germany, August 27, 2016.
- RWTH Aachen, Aachen, Germany, August 25, 2016.
- “Predicting Choice: Using Neural Insights for Population-Level Forecasting” workshop at 10th Triennial Choice Symposium, Lake Louise, AB, Canada, May 17, 2016.
- “Neuroscience of Decision-Making,” 38th International Symposium of the GRNSC, Universite de Montreal, Montreal, QC, Canada, May 2, 2016.
- Department of Psychology, Bucknell University, Lewisburg, PA, February 11, 2016.
- “Value-Based Decision-Making and Psychopathology: Parsing Cognition to Uncover Transdiagnostic Pathomechanisms,” panel at the 29th Annual Meeting of the Society for Research in Psychopathology, New Orleans, LA, October 17, 2015.
- Center for Mind, Brain and Culture, Emory University, Atlanta, GA, September 24, 2015.
- Shanghai Collective Neuroeconomics Summer School, Shanghai, China, July 17, 2015.
- Dusseldorf Symposium for Decision Neuroscience, Dusseldorf, Germany, June 12, 2015.
- Marketing Department, INSEAD, Fountainebleu, France, May 15, 2015.
- Cognitive Science, University of Delaware, Newark, DE, April 17, 2015.
- Behavioral Economics and Decision Research Workshop, Cornell University, Ithaca, NY, April 7, 2015.
- NIDA Intramural Research Program Lecture Series, Baltimore, MD, July 29, 2014.
- 4th Annual Interdisciplinary Symposium in Decision Neuroscience, Stanford University, June 6, 2014.
- "Social, affective, and cognitive neuroscience in health decision making," symposium at 35th Annual Meeting of the Society of Behavioral Medicine, Philadelphia, PA, April 24, 2014.

- Experimental Economics Seminar, Rutgers University, New Brunswick, NJ, April 2, 2014.
- Affective Brain Lab Online Talk Series, March 20, 2014.
- Department of Economics, University of Zurich, Zurich, Switzerland, December 12, 2013.
- “Neuroscience of Self-control,” minisymposium at the 43rd Annual Meeting of the Society for Neuroscience, San Diego, CA, November 13, 2013.
- Multidisciplinary Symposium on Reinforcement Learning and Decision Making, Princeton University, Princeton, NJ, October 25, 2013.
- “Controversies in Neuroeconomics: Value Representation,” panel at the 10th Annual Meeting of the Society for Neuroeconomics, Lausanne, Switzerland, September 28, 2013.
- Center for Neuroeconomics, New York University, New York, NY, September 17, 2013.
- “Advancing Biological Understanding of Economic and Consumer Decision Making” workshop at 9th Triennial Choice Symposium, Noordwijk, Netherlands, June 13, 2013.
- Department of Psychology, Columbia University, New York, NY, March 13, 2013.
- Summer Institute in Cultural Neuroscience, University of Michigan, Ann Arbor, MI, July 17, 2012.
- Symposium on Advances in Integrative Cognitive Neuroscience, National Yang-Ming University, Taipei, Taiwan, June 17, 2012.
- Microeconomics Seminar, National Taiwan University, Taipei, Taiwan, June 14, 2012.
- University of Iowa Marketing Department, Iowa City, IA, May 18, 2012.
- Integrative Cell Signaling & Neurobiology of Metabolism Seminar, Yale University, New Haven, CT, October 4, 2011.
- Interdisciplinary Symposium in Decision Neuroscience, Temple University, September 17, 2011.
- Summer Institute in Cultural Neuroscience, University of Michigan, Ann Arbor, MI, July 27, 2011.
- Interdisciplinary Symposium in Decision Neuroscience, Temple University, September 26, 2010.
- “Decision Neuroscience” workshop at 8th Triennial Choice Symposium, Key Largo, FL, May 13, 2010.
- Neuromarketing Symposium, Fox School of Business, Temple University, Philadelphia, PA, March 26, 2010.
- “Decision making and learning: Beyond the basics” workshop at 7th Annual Computational and Systems Neuroscience meeting (COSYNE), Snowbird, UT, March 2, 2010.
- Cognitive Lunch Talk Series, Yale University, New Haven, CT, February 9, 2010.
- Neuroscience of Social Decision-Making Talk Series, Princeton University, Princeton, NJ, December 16, 2009.
- Department of Psychology, University of California at Berkeley, Berkeley, CA, March 17, 2008.
- McGovern Institute for Brain Research and Department of Brain and Cognitive Sciences, Massachusetts Institute of Technology, Cambridge, MA, February 26, 2008.
- Department of Psychological and Brain Sciences, Johns Hopkins University, Baltimore, MD, February 20, 2008.
- Department of Psychology, University of Wisconsin at Madison, Madison, WI, February 4, 2008.
- Department of Psychology, University of Pennsylvania, Philadelphia, PA, January 30, 2008.
- Department of Psychology, University of Pittsburgh, Pittsburgh, PA, January 7, 2008.

- Department of Psychology, Rutgers University at Newark, Newark, NJ, December 19, 2007.
- Division of the Humanities and Social Sciences, California Institute of Technology, Pasadena, CA, December 3, 2007.
- “Neuroeconomics: Decision-making and the Brain” conference at Brown University, Providence, RI, December 11, 2007.
- Center for Cognitive Neuroscience, University of Pennsylvania, Philadelphia, PA, October 8, 2007.
- Neuro-Finance Symposium, University of Zurich, Zurich, Switzerland, July 7, 2007.
- “The Neuroeconomics of Simple Choice” symposium at the Cognitive Neuroscience Society 14th Annual Meeting, New York, NY, May 7, 2007.
- Department of Neuroscience, Baylor College of Medicine, Houston, TX, February 5, 2007.
- “Strategies for Risk Communication: Evolution, Evidence and Experience” symposium hosted by the Society for Risk Analysis, Montauk, NY, May 17, 2006.
- Fiez lab, Department of Psychology, University of Pittsburgh, Pittsburgh, PA, November 4, 2003.
- Glimcher lab, Center for Neural Science, New York University, New York, NY, October 28, 2003.

Invited Talks (Local):

- Grand Rounds, Department of Neurosurgery, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA, March 2, 2017.
- MINS Retreat, University of Pennsylvania, Philadelphia, PA, April 27, 2016.
- Center for Health Incentives and Behavioral Economics, University of Pennsylvania, Philadelphia, PA, April 16, 2015.
- Penn Neuroscience Public Lecture (for Brain Awareness Week), University of Pennsylvania, Philadelphia, PA, March 13, 2014.
- Knowledge by the Slice, University of Pennsylvania, Philadelphia, PA, November 20, 2013.
- 8th Winter School, DFG International Research Training Group 1328, Philadelphia, PA, November 2, 2013.
- Center for Health Incentives and Behavioral Economics, University of Pennsylvania, Philadelphia, PA, March 28, 2013.
- Population Studies Center, University of Pennsylvania, Philadelphia, PA, November 5, 2012.
- Penn GSE Global Leadership Congress, Philadelphia, PA, May 16, 2012.
- Grand Rounds, Department of Neurosurgery, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA, May 10, 2012.
- Treatment Research Center, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA, February 6, 2012.
- TEDxPenn, Philadelphia, PA, October 7, 2011.
- Penn Science Cafe, Philadelphia, PA, May 11, 2011.
- Translational Neuroimaging Seminar, University of Pennsylvania, Philadelphia, PA, April 13, 2011.
- Neuropsychology Brown Bag, Department of Psychiatry, University of Pennsylvania, Philadelphia, PA, April 23, 2010.
- Law & Brain Public Lecture Series, University of Pennsylvania Law School, Philadelphia, PA, April 7, 2010.
- Decision Making in the Social Sciences Seminar, University of Pennsylvania, Philadelphia,

- PA, March 16, 2010.
- 20th Annual Behavioral and Cognitive Neuroscience Retreat, University of Pennsylvania, Philadelphia, PA, December 11, 2009.
 - Center for Cognitive Neuroscience 10th Anniversary Reunion, University of Pennsylvania, Philadelphia, PA, October 2, 2009.
 - Population Studies Center Colloquium, University of Pennsylvania, Philadelphia, PA, April 13, 2009.
 - Translational Neuroimaging Seminar, University of Pennsylvania, Philadelphia, PA, April 8, 2009.
 - Monell Chemical Senses Center, Philadelphia, PA, April 2, 2009.
 - Neuroscience Graduate Group Recruiting Research Seminar, University of Pennsylvania, Philadelphia, PA, January 29 & February 19, 2009.
 - Philosophy Politics and Economics (PPE) Colloquia, University of Pennsylvania, Philadelphia, PA, February 5, 2009.
 - Decision Processes Colloquia, University of Pennsylvania, Philadelphia, PA, September 15, 2008.
 - Center for Neuroeconomics, New York University, New York, NY, January 30, 2007.
 - MRI Users' Group, New York University, New York, NY, April 28, 2006.
 - Fellows Seminar, Center for Neural Science, New York University, New York, NY, February 17, 2005.
 - Systems and Integrative Biology retreat, University of Pennsylvania, Philadelphia, PA, May 24, 2004.
 - Moss Rehabilitation Research Institute, Philadelphia, PA, May 29, 2002.
 - Systems and Integrative Biology retreat, University of Pennsylvania, Philadelphia, PA, May 20, 2002.

Conference Abstracts/Presentations:

* = JWK trainee

Ternes, K., **Kable, J. W.**, McGuire, J. T.*, Rascovsky, K., McMillan, C., and Grossman, M. (2016). Neural Correlates of Reversal Learning Deficits in Behavioral Variant Frontotemporal Degeneration. Presented at 10th International Conference on Frontotemporal Dementias, Munich, Germany.

Lempert, K., McGuire, J. T.*, Hazeltine, D. B., **Kable, J. W.**, and Phelps, E. A. (2016). The effects of stress on the calibration of persistence. Presented at Cognitive Neuroscience Society 23rd Annual Meeting, New York, NY.

Medaglia, J. D., Gu, S., Pasqualetti, F., Lerman, C., **Kable, J. W.**, Bassett, D.S. (2016). Network controllability as a mediating mechanism for cognitive control. Presented at Cognitive Neuroscience Society 23rd Annual Meeting, New York, NY.

Parthasarathi, T.*, and **Kable, J. W.** (2016). Double dissociation of valence and vividness effects on the dorsal and ventral default mode network. Presented at Cognitive Neuroscience Society 23rd Annual Meeting, New York, NY.

Glaze, C. M.*, **Kable, J. W.**, and Gold, J. I. (2016). A bias-variance tradeoff that governs individual variability in learning and decision-making. Presented at the Computational and Systems Neuroscience 16th Annual Meeting, Salt Lake City, UT.

Glaze, C. M.* and **Kable, J. W.** (2015) Why are decisions “noisy”? Evidence for stochastic discount rates in intertemporal choice. Presented at the Society for Neuroeconomics 12th Annual Meeting, Miami, FL.

Jung, W. H.*, Ashare, R., Falcone, M., Lerman, C., and **Kable, J. W.** (2015) Neuroanatomical markers of individual differences in delay discounting: a voxel-based morphometry study. Presented at the Society for Neuroeconomics 12th Annual Meeting, Miami, FL.

Kazinka, R.*, McNally, P., Jiang, T., Bicchieri, C., and **Kable, J. W.** (2015) Ventromedial Patients Demonstrate Errors in Theory of Mind and Social Cognition. Presented at the Society for Neuroeconomics 12th Annual Meeting, Miami, FL.

Lee, S.*, Gold, J. I., and **Kable, J. W.** (2015) Adaptive Learning Rates in a Continuously and Gradually Changing Environment. Presented at the Society for Neuroeconomics 12th Annual Meeting, Miami, FL.

Pehlivanova, M.*, Wolf, D. H., Gur, R. E., Gur, R. C., Davatzikos, C., **Kable, J. W.**, and Satterthwaite, T. (2015) Neuroanatomical markers of individual differences in delay discounting: a voxel-based morphometry study. Presented at the Society for Neuroeconomics 12th Annual Meeting, Miami, FL.

Tee, J., **Kable, J. W.**, Maloney, L. T. (2015) Evidence of Quantization in Intertemporal Decision-Making. Presented at the Society for Neuroeconomics 12th Annual Meeting, Miami, FL.

Yu, L. Q.*, Cooper, N.*, Kim, K., Zauberman, G., and **Kable, J. W.** (2015) Timing of value representation in ventromedial prefrontal cortex in a complex auction task. Presented at the Society for Neuroeconomics 12th Annual Meeting, Miami, FL.

Rascovsky, K., **Kable, J. W.**, Moran, E., Olm, C., Kazinka, R.*, McCluskey, L., Elman, L., Boller, A., McMillan, C., Clark, R., Grossman, M. Decision making in Amyotrophic Lateral Sclerosis. Presented at American Academy of Neurology 67th Annual Meeting, Washington, DC.

Sharma, A., Satterthwaite, T. D., Vandekar, L., Katchmar, N., Li, B., Daidal, A., Ruparel, K., Elliott, M. A., Baldassano, C., Thase, M. E., Gur, R. E., **Kable, J. W.**, Wolf, D. H. fMRI reveals divergent responses to social rewards among patients with unipolar versus bipolar depression. Presented at American College of Neuropsychopharmacology 53rd Annual Meeting, Phoenix, AZ.

Wolf, D. H., **Kable, J. W.**, Satterthwaite, T., Davatzikos, C., Bilker, W., Katchmar, N., Vandekar, L., Daldai, A., Li, B., Siegelman, M., Elliot, M., Ruparel, K. Effort discounting fMRI

identifies neurobehavioral mechanisms of amotivation. Presented at American College of Neuropsychopharmacology 53rd Annual Meeting, Phoenix, AZ.

Kim-Viechnicki, B.E.*, and **Kable, J.W.** (2014). Is there overlapping neural activation from different sources of decision difficulty. Presented at the Society for Neuroscience 44th Annual Meeting, Washington, D.C.

Kazinka, R.*, Enkavi, A. Z.*, and **Kable, J.W.** (2014). Individual differences in the asymmetric dominance effect. Presented at the Society for Neuroeconomics 11th Annual Meeting, Miami, FL.

Kim-Viechnicki, B.E.*, and **Kable, J.W.** (2014). Do different types of decision difficulty have a common neural correlate. Presented at the Society for Neuroeconomics 11th Annual Meeting, Miami, FL.

McGuire, J. T.*, Mukherjee, D.*, Kazinka, R.*, Vaidya, A. R., and **Kable, J. W.** (2014). Altered willingness to wait for delayed rewards in the context of psychopathology or focal brain injury. Presented at Society for Neuroeconomics 11th Annual Meeting, Miami, FL.

Mukherjee, D.*, Vo, K.*, and **Kable, J.W.** (2014). Reward? What Reward? Probabilistic Reversal Learning in Depression. Presented at Society for Neuroeconomics 11th Annual Meeting, Miami, FL.

Pehlivanova, M.*, **Kable, J.W.** (2014). IQ predicts individual differences in adaptive learning. Presented at Society for Neuroeconomics 11th Annual Meeting, Miami, FL.

Rascovsky, K., **Kable, J. W.**, Kazinka, R.*, Moran, E., Olm, C., Glasenberg, J., Boller, A., McGuire, J. T. *, McMillan, C., Clark, R., Grossman, M. (2014) Temporal discounting of future rewards in behavioral variant frontotemporal dementia (bvFTD) and Alzheimer's Disease (AD). Presented at 9th International Conference on Frontotemporal Dementias, Vancouver, BC.

Pegors, T., **Kable, J. W.**, Chatterjee, A., Epstein, R. (2014). Category-specific encoding of face and place attractiveness in the brain. Presented at International Association of Empirical Aesthetics 23rd Annual Meeting, New York, NY.

Satterthwaite, T. D., Vandekar, L., Katchmar, N., Ruparel, K., Elliott, M. A., Baldassano, C., Liebenluft, E., Thase, M. E., Gur, R. C., Gur, R. E., **Kable, J. W.**, Wolf, D. H. (2014). Common and divergent reward responses associated with severity of unipolar and bipolar depression. Presented at Society of Biological Psychiatry 69th Annual Meeting, New York, NY.

Rascovsky, K., **Kable, J. W.**, Kazinka, R.*, Moran, E., Olm, C., Glasenberg, J., Boller, A., McGuire, J. T. *, McMillan, C., Clark, R., Grossman, M. Temporal discounting of future rewards in behavioral variant frontotemporal dementia (bvFTD) and Alzheimer's Disease (AD). Presented at American Academy of Neurology 66th Annual Meeting, Philadelphia, PA.

Halfmann, K., Hedgcock, W., **Kable, J. W.**, and Denburg, N. (2014). Individual differences in subjective valuation among older adults: a functional MRI study. Presented at Cognitive Neuroscience Society 21st Annual Meeting, Boston, MA.

Yu, L. Q.*, Lee, S.* and **Kable, J. W.** (2014). Ventromedial prefrontal cortex and ambivalent economic decision-making. Presented at Cognitive Neuroscience Society 21st Annual Meeting, Boston, MA.

McGuire, J. T.*, and **Kable, J. W.** (2013). Delay-of-gratification decisions emerge from rational predictions: behavioral and neural evidence. Presented at Society for Judgment and Decision Making 34th Annual Meeting, Toronto, ON.

Cox, K.*, and **Kable, J. W.** (2013). Range-adapting subjective value signals in human ventral striatum. Presented at Society for Neuroscience 43rd Annual Meeting, San Diego, CA.

McGuire, J. T.*, and **Kable, J. W.** (2013). Calibrating behavioral persistence. Presented at Multidisciplinary Symposium on Reinforcement Learning and Decision Making, Princeton, NJ.

Nassar, M. R.*, McGuire, J. T.*, Gold, J. I., and **Kable, J. W.** (2013). Dissociating components of learning rate in the fMRI BOLD response. Presented at Multidisciplinary Symposium on Reinforcement Learning and Decision Making, Princeton, NJ.

Kazinka, R.*, Willard, D.*, Hillebrandt, A.*, **Kable, J. W.**, and Chao, L.W. (2013). Why daughters eat burnt toast: neuroeconomics of intergenerational sacrifice. Presented at Society for Neuroeconomics 10th Annual Meeting, Lausanne, Switzerland.

Kim-Viechnicki, B. E.*, and **Kable, J. W.** (2013). Neural correlates of effort detection in decision-making. Presented at Society for Neuroeconomics 10th Annual Meeting, Lausanne, Switzerland.

Kim-Viechnicki, B. E.*, Burla, Y.*, Feit, E., Plassmann, H., and **Kable, J. W.** (2013). Decisions about chocolate are processed differently than decisions about gambles: evidence from eye-tracking. Presented at Society for Neuroeconomics 10th Annual Meeting, Lausanne, Switzerland.

McGuire, J. T.*, and **Kable, J. W.** (2013). A learning model of time-varying expectations while waiting for delayed rewards. Presented at Society for Neuroeconomics 10th Annual Meeting, Lausanne, Switzerland.

Mukherjee, D.*, Cooper, N.*, Feng, T. and **Kable, J. W.** (2013). East or west, patience pays: Achievement, aptitude and delayed discounting across cultures. Presented at Society for Neuroeconomics 10th Annual Meeting, Lausanne, Switzerland.

Nassar, M. R.*, and **Kable, J. W.** (2013). Dissociating information value and quantity. Presented at Society for Neuroeconomics 10th Annual Meeting, Lausanne, Switzerland.

McGuire, J. T.*, Bartra, O.*, and **Kable, J. W.** (2013). The valuation system: a coordinate-based meta-analysis examining BOLD correlates of subjective value. Presented at Organization for Human Brain Mapping 19th Annual Meeting, Seattle, WA.

Mukherjee, D.*, and **Kable, J. W.** (2012). Decision-making in clinical populations: a meta-analysis. Presented at Association for Behavioral and Cognitive Therapies 46th Annual Meeting, National Harbor, MD.

Mukherjee, D.*, Atir, S., and **Kable, J. W.** (2012). Negative affect and decision making. Presented at Anxiety Disorders Association of America 32nd Annual Meeting, Arlington, VA.

McGuire, J. T.*, Nassar, M. R., Heasley, B., Gold, J. I., and **Kable, J. W.** (2012). Dorsal anterior cingulate reflects multiple influences on learning rate in a dynamic environment. Presented at Society for Neuroscience 42nd Annual Meeting, New Orleans, LA.

Hartley, C. A., Kanen, J., McKenna, M. C., Casey, B. J., **Kable, J. W.**, Phelps, E. A., and Glatt, C. E. (2012). Serotonin transporter genotype modulates temporal discounting of monetary rewards in humans. Presented at Society for Neuroscience 42nd Annual Meeting, New Orleans, LA.

Pegors, T., Chatterjee, A., **Kable, J. W.**, Epstein, R. (2012). Neural activity during the subjective valuation of face and place attractiveness. Presented at Society for Neuroscience 42nd Annual Meeting, New Orleans, LA.

McGuire, J. T.*, and **Kable, J. W.** (2012). Ventromedial prefrontal cortex and decisions to sustain delay of gratification. Presented at Society for Neuroeconomics 9th Annual Meeting, Key Biscayne, FL.

Senecal, N.*, **Kable, J. W.**, Kim, B. K., and Zauberman, G. (2012). Neural activity in valuation regions during temporal judgments predicts individual discount rates. Presented at Society for Neuroeconomics 9th Annual Meeting, Key Biscayne, FL.

Kim, B. E.*, Reggi, J.*, and **Kable, J. W.** (2012). How simplifying strategies change in response to time pressure: behavioral and eye-tracking evidence. Presented at Society for Neuroeconomics 9th Annual Meeting, Key Biscayne, FL.

Mukherjee, D.*, and **Kable, J. W.** (2012). Relationship Between Negative Affect and Decision-Making in the West vs. East. Presented at Association for Psychological Science 24th Annual Meeting, Chicago, IL.

Atir, S., and **Kable, J. W.** (2012). Ventromedial prefrontal damage increases susceptibility to contextual effects on decision-making. Presented at Cognitive Neuroscience Society 19th Annual Meeting, Chicago, IL.

McGuire, J. T.*, and **Kable, J. W.** (2011). Evaluative neural mechanisms and delay of gratification. Presented at Society for Neuroscience 41st Annual Meeting, Washington, DC.

Senecal, N.*, McGuire, J. T.*, and **Kable, J. W.** (2011). Individual variation in value-responsive cortical topography. Presented at Society for Neuroscience 41st Annual Meeting, Washington, DC.

Kim, B. E.*, and **Kable, J. W.** (2011). Behavioral and Eye-tracking Evidence for an Attribute-Based Reduction Strategy in Response to Increasing Options. Presented at Society for Neuroeconomics 8th Annual Meeting, Evanston, IL.

McGuire, J. T.*, and **Kable, J. W.** (2011). Temporal expectations and limited willingness to wait for delayed outcomes. Presented at Society for Neuroeconomics 8th Annual Meeting, Evanston, IL.

Senecal, N.*, and **Kable, J. W.** (2011). Neural differentiation of decision value and decision confidence signals in human fMRI. Presented at Society for Neuroeconomics 8th Annual Meeting, Evanston, IL.

Kantrowitz, J., Satterthwaite, T., Loughhead, J., Elliott, M., **Kable, J. W.**, Gur, R., Gur, R., and Wolf, D. (2011). Neuroimaging and neurobehavioral assessment of reward processing in schizophrenia.

McGuire, J. T.*, and **Kable, J. W.** (2011). Time interval statistics adaptively modulate decision makers' willingness to wait for delayed outcomes. Presented at Cognitive Science Society 33rd Annual Conference, Boston, MA.

Tsukayama, E., and **Kable, J. W.** (2011). Number, rather than economic value, drives the magnitude effect. Presented at Association for Psychological Science 23rd Annual Convention, Washington, D.C.

Senecal, N.*, and **Kable, J. W.** (2010). Exposure to economic arguments reduces delay discounting. Presented at Society for Neuroeconomics 7th Annual Meeting, Evanston, IL.

Kable, J. W., and Stump, J. (2010). When you keep changing your mind: The neural basis of preference reversals. Presented at Society for Neuroeconomics 7th Annual Meeting, Evanston, IL.

Jiang, L.*, Kim, B. K., Zauberman, G., and **Kable, J. W.** (2010). Neural substrate of anticipatory time perception and time discounting. Presented at Cognitive Neuroscience Society 17th Annual Meeting, Montreal, Quebec.

Senecal, N.*, and **Kable, J. W.** (2010). Financial education reduces delay discounting. Presented at Cognitive Neuroscience Society 17th Annual Meeting, Montreal, Quebec.

Stump, J., and **Kable, J. W.** (2010). When you keep changing your mind: The neural basis of preference reversals. Presented at Cognitive Neuroscience Society 17th Annual Meeting, Montreal, Quebec.

Kable, J. W., and Glimcher, P. W. (2007). Constraining the neural algorithm for intertemporal choice. Presented at Society for Neuroscience 37th Annual Meeting, San Diego, CA.

Kable, J. W., and Glimcher, P. W. (2007). Constraining the neural algorithm for intertemporal choice. Presented at Society for Neuroeconomics 4th Annual Meeting, Nantasket Beach, MA.

Kable, J. W., and Glimcher, P. W. (2007). Neural correlates of impulsivity during intertemporal choice. Presented at the Neural Systems for Social Behavior Meeting, Austin, TX.

Kable, J. W., and Glimcher, P. W. (2006). Preference reversals versus consistency in intertemporal choice: Behavioral evidence and neural mechanisms. Presented at Society for Neuroscience 36th Annual Meeting, Atlanta, GA.

Kable, J. W., and Glimcher, P. W. (2006). Time consistency in temporal discounting: Behavioral evidence and neural mechanisms. Presented at Society for Neuroeconomics 3rd Annual Meeting, Park City, UT.

Kable, J. W., and Glimcher, P. W. (2005). Neural mechanisms for valuing immediate and delayed rewards in humans. Presented at Society for Neuroscience 35th Annual Meeting, Washington, DC.

Glimcher, P. W., and **Kable, J. W.** (2005). Neural mechanisms of temporal discounting in humans. Presented at Society for Neuroeconomics 2nd Annual Meeting, Kiawah Island, SC.

Chatterjee, A., **Kable, J. W.**, and Wu, D. (2005). Verbs, actions and motion: The role of the postero-lateral temporal cortex. Presented at Society for Research in Child Development Biennial Meeting, Atlanta, GA.

Kable, J. W., and Chatterjee, A. (2005). The role of lateral occipitotemporal cortex in action recognition: Evidence from repetition suppression using fMRI. Presented at Cognitive Neuroscience Society 12th Annual Meeting, New York, NY.

Kable, J. W., Kimberg, D. Y. and Chatterjee, A. (2004). Dealing with potential reaction time confounds in the interpretation of fMRI results. Presented at Cognitive Neuroscience Society 11th Annual Meeting, San Francisco, CA.

Kan, I. P., **Kable, J. W.**, Van Scoyoc, A., Chatterjee, A., and Thompson-Schill, S. L. (2004). Fractionating the left frontal response to tools: Dissociable effects of selection and action. Presented at Cognitive Neuroscience Society 11th Annual Meeting, San Francisco, CA.

Kable, J. W., Kan, I. P., Wilson, A., Thompson-Schill, S. L., and Chatterjee, A. (2003). Are tools like animals or actions? Semantic attribute and grammatical class distinctions. Presented at Cognitive Neuroscience Society 10th Annual Meeting, New York, NY.

Kable, J. W., Wilson, A., and Chatterjee, A. (2002). Neural substrates of verb knowledge: motion and movement. Presented at Cognitive Neuroscience Society 9th Annual Meeting, San Francisco, CA.

Kable, J. W., Lease-Spellmeyer, J., and Chatterjee, A. (2001). A distributed representation of verb knowledge. Presented at Cognitive Neuroscience Society 8th Annual Meeting, New York, NY.

Shin, R.K., Wolk, D.A., **Kable, J.W.**, Chatterjee, A. (2001). Preattentive visual processing: A comparison of illusory contour perception and texture discrimination using fMRI. Presented at North American Neuro-Ophthalmology Society 27th Annual Meeting, Rancho Mirage, CA.

Danek, K. S., Vinson, P. N., **Kable, J. W.**, and Justice, J. B. (1997). The effect of phenethylamine para-substituents on dopamine transport at the human norepinephrine transporter measured by RDE voltammetry. Presented at Society for Neuroscience 27th Annual Meeting, New Orleans, LA.

Danek, K. S., **Kable, J. W.** and Justice, J. B. (1996). Induced efflux at the norepinephrine transporter by tyramines and phenethylamines. Presented at Society for Neuroscience 26th Annual Meeting, Washington, DC.