

**Liane Young**

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Lab Website: <http://moralitylab.bc.edu/>

**Appointments:**

- 2015-present Associate Professor, Department of Psychology and Neuroscience, Boston College, Chestnut Hill, MA
- 2011-2015 Assistant Professor, Department of Psychology and Neuroscience, Boston College, Chestnut Hill, MA
- 2008-2011 Post-doctoral Associate, Brain and Cognitive Sciences, MIT, Cambridge, MA
- 2008-2011 Visiting Scholar, Department of Philosophy, MIT, Cambridge, MA

**Education:**

- 2008 Ph.D. in Cognitive Psychology, Harvard University, Cambridge, MA
- 2004 B.A. in Philosophy (Magna Cum Laude), Mind, Brain, and Behavior Program, Harvard College, Cambridge, MA

**External Research Support:**

- 2018-2022 The John Templeton Foundation (Liane Young, PI; Fiery Cushman, co-PI), \$2,743,961, Reasoning in moral thought and action
- 2016-2020 National Science Foundation (Liane Young, PI; Adam Waytz, co-PI), \$382,643, Social cognition for competition versus cooperation
- 2014-2016 Templeton Science of Prospection Award (Liane Young, Brendan Gaesser, Elizabeth Kensinger, co-PIs), \$145,000, Harnessing episodic simulation to facilitate prosociality
- 2014-2017 The John Templeton Foundation (Liane Young, PI; Adam Waytz, co-PI), \$261,130, A Social Cognitive Developmental Approach to Folk Representations of God's Mind
- 2012-2016 Alfred P. Sloan Foundation (Liane Young, Sloan Research Fellow), \$50,000, The Psychology and Neuroscience of Moral Behavior
- 2011-2015 The Dana Foundation (Liane Young, PI), \$300,000, The cognitive and neural basis of atypical social and moral cognition in high functioning autism
- 2011-2014 The John Templeton Foundation (Liane Young, PI; Dan Ariely, co-PI), \$249,696, The psychology and neuroscience of when, why, and how people behave better

**Internal Research Support:**

- 2017-2020 Boston College Office of the Provost and Dean of the College of Arts & Sciences (Liane Young & Katie McAuliffe, co-PIs), funding to start The Virtue Project, an interdisciplinary initiative focused on scholarship and teaching on the virtues, \$450,000
- 2015-2017 Boston College A&S Research Across Departments and Schools Grant (Peter Krause, Liane Young, co-PIs), \$30,000, Knowledge is Power: The Impact of Education on Knowledge of and Attitudes about Terrorism
- 2013-2014 Boston College A&S Dean and Provost Research Seed Funding Grant (Peter Krause, Liane Young, co-PIs), \$5,000, The Impact of Education on Attitudes about Terrorism

See section on Mentoring (below) for funding (e.g., NSF, NSERC) awarded to my graduate students and postdoctoral associates.

### **Academic Honors:**

2019	Boston College Graduate School Teaching and Mentoring Award
2018	Psychonomic Society Early Career Award (for significant contributions to scientific psychology)
2017	APS Janet Taylor Spence Award (for transformative early career contributions to psychological science)
2017	Sage Young Scholars Award from Society of Personality and Social Psychology (SPSP)
2016	Stanton Award from Society for Philosophy and Psychology (SPP)
2013	Theoretical Innovation Award from Society of Personality and Social Psychology (SPSP)
2012	Alfred P. Sloan Research Fellow
2011	Dana Neuroscience Scholar Award (in recognition of achievements to date and potential to advance the field of neuroscience)
2011	Early Career Award for Distinguished Scientific Contributions to Social Neuroscience (Society for Social Neuroscience)
2006-2008	National Science Foundation Graduate Student Fellowship
2006	William James Prize (awarded to the best paper submitted to the Society for Philosophy and Psychology by a graduate student)
2003, 2004	John Harvard Scholarship (for academic excellence at Harvard College)
2002	Detur Book Prize (for academic excellence at Harvard College)
2000	Intel Science Talent Search semifinalist
2000	National Merit Scholarship winner

### **Editorial Roles:**

Social Psychological and Personality Science	Editorial Board, Sept 2020-present
Cognitive Science	Editorial Board, May 2019-present
Cognition	Editorial Board, April 2017-present
Scientific Reports	Editorial Board, February 2015-present
Judgment and Decision-Making	Consulting Editor, June 2013-present
Minds and Machines	Editorial Board, January 2011-present
Psychological Science	Editorial Board, January 2012-January 2020
PLoS ONE	Editorial Board, November 2011-May 2016

### **Professional Memberships (dates vary):**

Society for Philosophy and Psychology 2010-2013	Executive Board Member,
Psychonomic Society	
Association for Psychological Science	
Society for Personality and Social Psychology	

### **Program Co-Chair:**

Annual Meeting of Society for Philosophy and Psychology (Austin, TX), w/ Jonathan Phillips (June 2016)

2<sup>nd</sup> Annual Social Brain Sciences Symposium (Boston, MA), w/ Elizabeth Kensinger (February 2014)

## **Publications:**

### **In Press**

Hirschfeld-Kroen, J., Jiang, K., Wasserman, E., Anzellotti, S., & Young, L. (in press). When my wrongs are worse than yours: Behavioral and neural asymmetries in first-person and third-person perspectives of accidental harms. *Journal of Experimental Social Psychology*.

Handley-Miner, I., & Young, L. (in press). Do knowledge representations facilitate learning under epistemic uncertainty? *Behavioral and Brain Sciences*.

Park, B., Fareri, D., Delgado, M., & Young, L. (in press). The role of right temporo-parietal junction in processing social prediction error across relationship contexts. *Social Cognitive and Affective Neuroscience*.

Tsoi, L., Hamlin, K., Waytz, A., Baron, A.S., & Young, L. (in press). A cooperation advantage for theory of mind in children and adults. *Social Cognition*.

Niemi, L., Leone, C., & Young, L. (in press). Linguistic evidence for the dissociation between impurity and harm: Differences in the duration and scope of contamination versus injury. *Social Cognition*.

Theriault, J., Young, L., & Feldman Barrett, L. (in press). The sense of should: a biologically-based framework for modeling social pressure. *Physics of Life Reviews*. doi: 10.1016/j.plrev.2020.01.004

Park, B. †, Kim, M. †, & Young, L. (in press). An examination of accurate versus “biased” mentalizing in moral and economic decision-making. In Gilead, M. & Ochsner, K. N. (Eds). *The Neural Bases of Mentalizing*. New York: Springer. †: Co-correspondence

### **2020**

Greene, J.D. & Young, L. (2020). The Cognitive Neuroscience of Moral Judgment and Decision-Making. *The Cognitive Neurosciences, Volume 6* (Ed. M.S. Gazzaniga). MIT Press.

Rottman, J., Zizik, V., Minard, K., Young, L., Blake, P. R., & Kelemen, D. (2020). The moral, or the story? Changing children’s distributive justice preferences through social communication. *Cognition*, 205, 104441. doi:10.1016/j.cognition.2020.104441.

Kim, M., Mende-Siedlecki, P., Anzellotti, S., & Young, L. (2020). Theory of mind following the violation of strong and weak prior beliefs. *Cerebral Cortex*.

Theriault, J., Waytz, A., Heiphetz, L., & Young, L. (2020). Theory of Mind network activity is associated with metaethical judgment: An item analysis. *Neuropsychologia*, 107475.

Niemi, L., Hartshorne, J., Gerstenberg, T., Stanley, M. & Young, L. (2020). Moral values reveal the causality implicit in verb meaning. *Cognitive Science*, 44(6), e12838.

Lees, J., & Young, L. (2020). A theory of wisdom needs theory of mind. *Psychological Inquiry*, 31(2), 168-173, doi: 10.1080/1047840X.2020.1750925

Kim, M., Park, B., & Young, L. (2020). The psychology of motivated versus rational impression updating. *Trends in Cognitive Sciences*, 24(2), 101-111. doi: 10.1016/j.tics.2019.12.001

Park, B. & Young, L. (2020). An association between biased impression updating and relationship facilitation: A behavioral and fMRI investigation. *Journal of Experimental Social Psychology*, 87. doi: 10.1016/j.jesp.2019.103916

McManus, R. M., Kleiman-Weiner, M., & Young, L. (2020). What we owe to family: The impact of special obligations on moral judgment. *Psychological Science*, 31(3), 227–242. doi: 10.1177/0956797619900321

## 2019

Heiphetz, L. & Young, L. (2019). Children's and Adults' Affectionate Generosity Toward Members of Different Religious Groups. *American Behavioral Scientist*, 63(14), 1910-1937. doi: 10.1177/0002764219850870.

Dungan, J. & Young, L. (2019). Asking "Why?" enhances theory of mind when evaluating harm but not purity violations. *Social Cognitive and Affective Neuroscience*, 14(7), 699-708. doi: 10.1093/scan/nsz048.

Waytz, A., Iyer, R., Young, L., Haidt, J., & Graham, J. (2019). Ideological Differences in the Expanse of the Moral Circle. *Nature Communications*, 10, 4389. doi: 10.1038/s41467-019-12227-0

Anzellotti, S. & Young, L. (2019). The Acquisition of Person Knowledge. *Annual Review of Psychology*, 71. doi: 10.1146/annurev-psych-010419-050844

Dungan, J., Young, L., & Waytz, A. (2019). The Power of Moral Concerns in Predicting Whistleblowing Decisions. *Journal of Experimental Social Psychology*, 8. doi: 10.1016/j.jesp.2019.103848.

Niemi, L., Roussos, G., & Young, L. (2019). Political partisanship alters the causality implicit in verb meaning. *Journal of Language and Social Psychology*. doi: 10.1177/0261927X19858124

Rottman, J. & Young, L. (2019). Specks of Dirt and Tons of Pain: Dosage Distinguishes Impurity from Harm. *Psychological Science*, 30(8), 1151–1160. doi: 10.1177/1197576/709576719978615958358523.

Gaesser, B., Hirschfeld-Kroen, J., Wasserman, E., Horn, M. & Young, L. (2019). A role for the medial temporal lobe subsystem in guiding prosociality: the effect of episodic processes on willingness to help others. *Social Cognitive and Affective Neuroscience*, 14(4), 397-410. doi: 10.1093/scan/nsz014.

Waytz, A. & Young, L. (2019). Aversion to Playing God and Moral Condemnation of Technology and Science. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 374(1771), 20180041.

Niemi, L., Woodring, M., Young, L., & Cordes, S. (2019). Partisan mathematical processing of political polling statistics: It's the expectations that count. *Cognition*, 186, 95-107. doi: 10.1016/j.cognition.2019.02.002.

## 2018

Theriault, J. & Young, L. (2018). Not as distinct as you think: Reasons to doubt that morality comprises a unified and objective conceptual category. *Behavioral and Brain Sciences*, 41, E114. doi:10.1017/S0140525X18000195

Waytz, A., & Young, L. (2018). Morality for us versus them. In Gray, K., & Graham, J. (Eds.), *The Atlas of Moral Psychology*, 186. Guilford Press.

Niemi, L., Wasserman, E.A., & Young, L. (2018). The behavioral and neural signatures of distinct conceptions of fairness. *Social Neuroscience*, 13(4), 399-415. doi:10.1080/17470919.2017.1333452

Piazza, J., Landy, J., Chakroff, A., Young, L., & Wasserman, E.A. (2018). What disgust does and does not do for moral cognition. In Strohminger & Kumar (eds.), *The Moral Psychology of Disgust*, 53-81. Rowman & Littlefield International.

Heiphetz, L., Strohminger, N., Gelman, S., & Young, L. (2018). Who Am I? The Role of Moral Beliefs in Children's and Adults' Understanding of Identity. *Journal of Experimental Social Psychology* 78, 210-219.

Tsoi, L., Dungan, J., Chakroff, A., & Young, L. (2018). Neural substrates for moral judgments of psychological versus physical harm. *Social Cognitive and Affective Neuroscience*, 13(5), 460-470. doi: 10.1093/scan/nsy029

Tsoi, L. & Young, L. (2018). Moral reasoning. In S. Thompson-Schill (Ed.), *Language & Thought*. Volume 3 of *The Stevens' Handbook of Experimental Psychology and Cognitive Neuroscience* (4th ed.). Editor-in-chief: J. Wixted. Wiley.

Gaesser, B., Keeler K., & Young, L. (2018). Moral imagination: Facilitating prosocial decision-making through scene imagery and theory of mind. *Cognition*, 171, 180-193. doi: 10.1016/j.cognition.2017.11.004

Heiphetz, L., Lane, J., Waytz, A., & Young, L. (2018). My mind, your mind, and God's mind: How children and adults conceive of different agents' moral beliefs. *British Journal of Developmental Psychology*. doi: 10.1111/bjdp.12231

## 2017

Graham, J., Waytz, A., Meindl, P., Iyer, R., & Young, L. (2017). Centripetal and centrifugal forces in the moral circle: competing constraints on moral learning. *Cognition*, 167, 58-65.

Ford, J. H., Gaesser, B., DiBiase, H., Berro, T., Young, L., & Kensinger, E. (2017). Heroic Memory: Remembering the Details of Others' Heroism in the Aftermath of a Traumatic Public Event Can Foster Our Own Prosocial Response. *Applied Cognitive Psychology*, doi: 10.1002/acp.3377

Theriault, J., Waytz, A., Heiphetz, L., & Young, L. (2017). Examining overlap in behavioral and neural representations of morals, facts, and preferences. *Journal of Experimental Psychology: General*, 146(11), 1586-1605. doi:10.1037/xge0000350

Niemi, L. & Young, L. (2017). Who sees what as fair? Mapping individual differences in valuation of reciprocity, charity, and impartiality. *Social Justice Research*. doi:10.1007/s11211-017-0291-4

Richardson, H., Koster-Hale, J., Velez, N., Asaba, M., Young, L., & Saxe, R. (2017). Mentalizing regions represent distributed, continuous, and abstract dimensions of others' beliefs. *NeuroImage*, 161, 9-18. doi:10.1016/j.neuroimage.2017.08.026

Wasserman, E.A., Chakroff, A., Saxe, R., & Young, L. (2017). Illuminating the conceptual structure of the space of moral violations with searchlight representational similarity analysis. *NeuroImage*, 159, 371-387. doi: 10.1016/j.neuroimage.2017.07.043

Rottman, J., Young, L., & Kelemen, D. (2017). The impact of testimony on children's moralization of novel actions. *Emotion*, 17 (5), 811-827. doi: 10.1037/emo0000276

Heiphetz, L., Strohminger, N., & Young, L. (2017). The role of moral beliefs, memories, and preferences in representations of identity. *Cognitive Science*, 41, 744-767. doi: 10.1111/cogs.12354

Heiphetz, L., & Young, L. (2017). Can only one person be right? The development of objectivism and social preferences regarding widely shared and controversial moral beliefs. *Cognition*, 167, 78-90. doi: 10.1016/j.cognition.2016.05.014

Baez, S., Herrera, E., Garcia, A.M., Manes, F., Young, L., & Ibanez, A. (2017). Outcome-oriented moral evaluation in terrorists. *Nature Human Behavior*, 1, 1-8. doi:10.1038/s41562-017-0118

Heiphetz, L., Gelman, S.A., & Young, L. (2017). The perceived stability and biological basis of religious beliefs, factual beliefs, and opinions. *Journal of Experimental Child Psychology*, 156, 82-98. doi: 10.1016/j.jecp.2016.11.015

Theriault, J., Krause, P., & Young, L. (2017). Know thy enemy: education about terrorism improves social attitudes towards terrorists. *Journal of Experimental Psychology: General*, 146(3), 305-317.

Chakroff, A., Russell, P.S., Piazza, J., & Young, L. (2017). From impure to harmful: asymmetric expectations about immoral agents. *Journal of Experimental Social Psychology*, 69, 201-209.

Patil, I., Calò, M., Fornasier, F., Young, L., & Silani, G. (2017). Neuroanatomical correlates of forgiving unintentional harms. *Scientific Reports*, 7, 45967. doi: 10.1038/srep45967

Patil, I., Young, L., Sinay, V., & Gleichgerrcht, E. (2017). Elevated moral condemnation of third-party violations in multiple sclerosis patients. *Social Neuroscience*, 12(3), 308–329. doi: 10.1080/17470919.2016.1175380

Dungan, J.A., Chakroff, A., & Young, L. (2017) The relevance of moral norms in distinct relational contexts: Purity versus harm norms regulate self-directed actions. *PLoS ONE* 12(3): e0173405. doi:10.1371/journal.pone.0173405

## 2016

Waytz, A., Iyer, R., Young, L., & Graham, J. (2016). Ideological differences in the expanse of empathy. In Valdesolo, P. & Graham, J., (Eds.), *Bridging Ideological Divides* (Claremont Series on Applied Social Psychology). New York, NY: Taylor and Francis.

Tsoi, L., Dungan, J., Waytz, A., & Young, L. (2016). Distinct neural patterns of social cognition for cooperation versus competition. *Neuroimage*, 137, 86-96.

Chakroff, A., Dungan, J., Koster-Hale, J. Brown, A., Saxe, R., & Young, L. (2016). When minds matter for moral judgment: intent information is neurally encoded for harmful but not impure acts. *Social Cognitive and Affective Neuroscience*, 11, 476-484.

Niemi, L., & Young, L. (2016). When and why we see victims as responsible: the impact of ideology on attitudes toward victims. *Personality and Social Psychology Bulletin*, 42, 1227-1242. [NYT op-ed, 6/24/16]

Dungan, J., Stepanovic, M., & Young, L. (2016). Theory of mind for unexpected events across contexts. *Social Cognitive and Affective Neuroscience*, 11, 1183-1192.

Tasimi, A., & Young, L. (2016). Memories of good deeds past: the reinforcing power of prosocial behavior in children. *Journal of Experimental Child Psychology*, 147, 159-166.

Niemi, L., & Young, L. (2016). Justice and the moral lexicon. *Psychological Inquiry*, 27, 50-54.

## 2015

Gaesser, B., Horn, M., & Young, L. (2015). When can imagining the self increase willingness to help others? Investigating whether the self-referential nature of episodic simulation fosters prosociality. *Social Cognition*, 36, 563-584.

Chakroff, A., Thomas, K. A., Haque, O. S., & Young, L. (2015). An indecent proposal: The dual functions of indirect speech. *Cognitive Science*, 39, 199-211.

Chakroff, A., & Young, L. (2015). Harmful situations, impure people: an attribution asymmetry across moral domains. *Cognition*, 136(2015), 30–37.

Heiphetz, L., Spelke, E.S., & Young, L. (2015). In the name of God: How children and adults judge agents who act for religious versus secular reasons. *Cognition*, 144, 134-149.

Heiphetz, L., Lane, D.J., Waytz, A., & Young, L. (2015). How Children and Adults Represent God's Mind. *Cognitive Science*, (2015), 1-24.

Dungan, J., Waytz, A., & Young, L. (2015). The Psychology of Whistleblowing. *Current Opinion in Psychology*, 6, 129 – 133.

Chakroff, A., & Young, L. (2015). How the Mind Matters for Morality. *AJOB Neuroscience*, 6(3), 41–46.

Rottman, J., Kelemen, D., & Young, L. (2015). Hindering harm and preserving purity: How can moral psychology save the planet? *Philosophy Compass*, 10(2), 34–144.

Rottman, J., & Young, L. (2015). Mechanisms of Moral Development. In J. Decety, T. Wheatley (eds.), *The Moral Brain: A multidisciplinary perspective*. MIT Press.

Dungan, J. & Young, L. (2015). Understanding the Adaptive Functions of Morality from a Cognitive Psychological Perspective. In R.A. Scott, S. M. Kosslyn (eds.), *Emerging Trends in the Social and Behavioral Sciences: An Interdisciplinary, Searchable, and Linkable Resource*. John Wiley & Sons (Wiley Online Library).

## **2014**

Waytz, A., & Young, L. (2014). When we see mind behind enemy lines: Two motivations for two dimensions of mind. *Journal of Experimental Social Psychology*, 55, 278-283.

Waytz, A., Young, L., & Ginges, J. (2014). A motive attribution asymmetry for love versus hate drives intractable conflict. *PNAS*, 111, 15687-15692.

Dungan, J., Waytz, A., & Young, L. (2014). Corruption in the context of moral tradeoffs. *Journal of Interdisciplinary Economics*, 26, 97-118.

Rottman, J., Kelemen, D., & Young, L. (2014). Purity matters more than harm in moral judgments of suicide: Response to Gray (2014). *Cognition*, 133, 332-334.

Rottman, J., Kelemen, D., & Young, L. (2014). Tainting the Soul: Purity Concerns Predict Moral Judgments of Suicide. *Cognition*, 130, 217-226.

Rottman, J., & Young, L. (2014). Comment: Scholarly Disgust and Related Mysteries. *Emotion Review*, 6, 222-223.

Niemi, L., & Young, L. (2014). Blaming the victim in the case of rape. *Psychological Inquiry*, 25, 230-233.

Heiphetz, L., & Young, L. (2014). A social cognitive developmental perspective on moral judgment. *Behaviour*, 151, 315-335.

Carmona-Perera, M., Clark, L., Young, L., Perez-Garcia, M., & Verdejo-Garcia, A. (2014). Impaired decoding of fear and disgust predicts utilitarian moral judgment in alcohol-dependent individuals. *Alcoholism: Clinical and Experimental Research*, 38, 179-185.

Young, L. (2014). The Mechanics of Moral Judgments. *APS Observer*, 27, 2.

Chakroff, A., & Young, L. (2014). The prosocial brain: perceiving others in need, and acting on it. In L. Padilla-Walker, G. Carlo (eds.), *The Complexities of Raising Prosocial Children: An Examination of the Multidimensionality of Prosocial Behaviors*. Oxford University Press.

Theriault, J., & Young, L. (2014). Taking an “Intentional Stance” on Moral Psychology. In J. Sytsma (ed.), *Advances in Experimental Philosophy of Mind*. Continuum Press.

## **2013**

Niemi, L., & Young, L. (2013). Caring Across Boundaries Versus Keeping Boundaries Intact: Links between Moral Values and Interpersonal Orientations. *PLOS ONE*, 8(12): e81605.

Dufour, N., Redcay, E., Young, L., Mavros, P., Moran, J., Triantafyllou, C., Gabrieli, J., & Saxe, R. (2013). Similar brain activation during false belief tasks in a large sample of adults with and without autism. *PLOS ONE*, 8(9): e75468.

Waytz, A., Dungan, J., & Young, L. (2013). The Whistleblower's Dilemma and the Fairness-Loyalty Tradeoff. *Journal of Experimental Social Psychology*, 49, 1027-1033. [NYT op-ed, 8/2/13]

Chakroff, A., Dungan, J., & Young, L. (2013) Harming ourselves and defiling others: what determines a moral domain? *PLOS ONE*, 8(9): e74434.

Koster-Hale, J., Saxe, R., Dungan, J., & Young, L. (2013). Decoding moral judgments from representations of intentions. *PNAS*, 110, 5648-5653.

Hawley-Dolan, A., & Young, L. (2013). Whose Mind Matters More - The Agent or the Artist? An Investigation of Ethical and Aesthetic Evaluations. *PLOS ONE*, 8(9): e70759.

Gleichgerrcht, E., & Young, L. (2013). Low Levels of Empathic Concern Predict Utilitarian Moral Judgment. *PLOS ONE*, 8(4), e60418.

Young, L., & Durwin, A., (2013). Moral realism as moral motivation: The impact of meta-ethics on everyday decision-making. *Journal of Experimental Social Psychology*, 49, 302-206.

Young, L., & Tsoi, L. (2013). When mental states matter, when they don't, and what that means for morality. *Social and Personality Psychology Compass*, 7(8), 585-604.

Young, L.\*, & Waytz, A.\* (2013). Morality. In S. Baron-Cohen, H. Tager-Flusberg, M. Lombardo (eds.), *Understanding Other Minds*. Oxford University Press. \*Equal contributors

Young, L. (2013). Moral thinking. In D. Reisberg (ed.), *The Oxford Handbook of Cognitive Psychology*. Oxford University Press.

Saxe, R., & Young, L. (2013). Theory of Mind: How brains think about thoughts. In K. Ochsner & S. Kosslyn (eds.) *The Handbook of Cognitive Neuroscience*. Oxford University Press.

## **2012**

Young, L., Chakroff, A., & Tom, J. (2012). Doing good leads to more good: The reinforcing power of a moral self-concept. *Review of Philosophy and Psychology*, 3, 325-334.

Young, L.\*, Koenigs, M.\*, Kruepke, M., & Newman, J. (2012). Psychopathy increases perceived moral permissibility of accidents. *Journal of Abnormal Psychology*, 121, 659-667. \*Equal contributors

Waytz, A., & Young, L. (2012). The Group-Member Mind Tradeoff: Attributing Mind to Groups versus Group Members. *Psychological Science*, 23, 77-85.

Carmona-Perera, M., Verdejo-Garcia, A., Young, L., Molina-Fernandez, A., & Garcia-Perez, M. (2012). Moral decision-making in polysubstance dependent individuals. *Drug and Alcohol Dependence*, 389-392.

Young, L., & Dungan, J. (2012). Where in the brain is morality? Everywhere and maybe nowhere. *Social Neuroscience*, 7, 1-10.

Gray, K., Young, L., & Waytz, A. (2012). Mind Perception is the Essence of Morality. *Psychological Inquiry*, 23, 101-124. [target article] \*\*\* Winner of the 2013 SPSP Theoretical Innovation Award

Gray, K., Waytz, A., & Young, L. (2012). The Moral Dyad: A Fundamental Template Unifying Moral Judgment. *Psychological Inquiry*, 23, 206-215. [response to commentaries]

Dungan, J., & Young, L. (2012). The two-type model of morality. In D. Fassin (ed.) *Companion to Moral Anthropology*. Wiley-Blackwell, p. 578-594.



## 2011

Young, L., & Saxe, R. (2011). When ignorance is no excuse: Different roles for intent across moral domains. *Cognition*, 120, 202-214.

Young, L.\*, & Phillips, J\*. (2011). The Paradox of Moral Focus. *Cognition*, 119, 166-178. \*Equal contributors

Moran, J.\*, Young, L.\*, Saxe, R., Lee, S., O'Young, D., & Gabrieli, J. (2011). Impaired theory of mind for moral judgment in high-functioning autism. *PNAS*, 108, 2688-2692. \* Equal contributors

Cushman, F., & Young, L. (2011). Patterns of Moral Judgment Derive from Nonmoral Psychological Representations. *Cognitive Science*, 35, 1052-1075.

Young, L., Scholz, J., & Saxe, R. (2011). Neural evidence for "intuitive prosecution": The use of mental state information for negative moral verdicts. *Social Neuroscience*, 6, 302-315.

Young, L., & Saxe, R. (2011). Moral universals and individual differences. *Emotion Review*, 3, 323-324.

Hawley-Dolan, A., & Young, L. (2011). Whose Mind Matters More: The moral agent or the artist? The role of intent in ethics and aesthetics. *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*.

Gweon, H., Young, L., & Saxe, R. (2011). Theory of Mind for you, and for me: behavioral and neural similarities and differences in thinking about beliefs of the self and other. *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*.

Phillips, J., & Young, L., (2011). Apparent Paradoxes in Moral Reasoning; Or how you forced him to do it, even though he wasn't forced to do it. *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*.

Dungan, J., & Young, L. (2011). Multiple Moralities: tensions and tradeoffs in moral psychology and the law. *Thurgood Marshall Law Review*, 36, 177-195.

Young, L. (2011). How we read people's moral minds. In M. Brockman (ed.), *Future Science: Essays from the Cutting Edge*. Vintage.

## 2010

Young, L., Camprodon, J., Hauser, M., Pascual-Leone, A., & Saxe, R. (2010). Disruption of the right temporo-parietal junction with TMS reduces the role of beliefs in moral judgments. *PNAS*, 107 6753-8.

Young, L., Bechara, A., Tranel, D., Damasio, H., Hauser, M., & Damasio, A. (2010). Damage to prefrontal cortex impairs judgment of harmful intent. *Neuron*, 65, 845-851.

Young, L., Feder, D., & Saxe, R. (2010). What gets the attention of the temporo-parietal junction? An fMRI investigation of attention and theory of mind. *Neuropsychologia*, 48, 2658-2664.

Young, L., Nichols, S., & Saxe, R. (2010). Investigating the neural and cognitive basis of moral luck: It's not what you do but what you know. *Review of Philosophy and Psychology*, 1, 333-349.

Miller, M., Sinnott-Armstrong, W., Young, L., King, D., Paggi, A., Fabri, M., Polonara, G., & Gazzaniga, M. (2010). Moral Reasoning in Split-Brain Patients. *Neuropsychologia*, 48, 2215-2220.

Young, L., & Saxe, R., (2010). It's not just what you do, but what's on your mind: A review of Kwame Anthony Appiah's "Experiments in Ethics". *Neuroethics*, 3, 201-207.

Sinnott-Armstrong, W., Young, L., & Cushman, F. (2010). Moral intuitions as heuristics. In J. Doris, G. Harman, S. Nichols, J. Prinz, W. Sinnott-Armstrong, S. Stich. (eds.), *The Oxford Handbook of Moral Psychology*. Oxford University Press.

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Young, L. (2010). Commentary on *The New Science of Morality: On "A Statement of Consensus"*. Edge.

## **2009**

Young, L., & Saxe, R. (2009). Innocent Intentions: A correlation between forgiveness of accidental harm and neural activity. *Neuropsychologia*, 47, 2065-2072.

Young, L., & Saxe, R. (2009). An fMRI investigation of spontaneous mental state inference for moral judgment. *Journal of Cognitive Neuroscience*, 21, 1396-1405.

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Cushman, F., & Young, L. (2009). The psychology of dilemmas and the philosophy of morality. *Ethical Theory and Moral Practice*, 12, 9-24.

## **2008**

Young, L., & Saxe, R. (2008). The neural basis of belief encoding and integration in moral judgment. *NeuroImage*, 40, 1912-1920.

Kliemann, D., Young, L., Scholz, J., & Saxe, R. (2008). The influence of prior record on moral judgment. *Neuropsychologia*, 46, 2949-2957.

Hauser, M., Young, L., & Cushman, F. (2008). "On Misreading the Linguistic Analogy: Response to Jesse Prinz and Ron Mallon." in *Moral Psychology and Biology* ed. W. Sinnott-Armstrong, New York: Oxford University Press.

Hauser, M., Young, L., & Cushman, F. (2008). "Reviving Rawls' Linguistic Analogy" in *Moral Psychology and Biology* ed. W. Sinnott-Armstrong, New York: Oxford University Press.

Koenigs, M., Young, L., Adolphs, R., Tranel, D., Cushman, F., Hauser, M., Damasio, A. (2008). Reply to G. Kahane & N. Shackel. *Nature*, 452, E5-E6. doi:10.1038/nature06785.

## **2007**

Young, L., Cushman, F., Hauser, M., & Saxe, R. (2007). The neural basis of the interaction between theory of mind and moral judgment. *PNAS*, 104, 8235-8240.

Young, L., & Koenigs, M. (2007). Investigating emotion in moral cognition: A review of evidence from functional neuroimaging and neuropsychology. *British Medical Bulletin*, 84, 69-79.

Koenigs, M.\*, Young, L.\*, Adolphs, R., Tranel, D., Cushman, F., Hauser, M., & Damasio, A. (2007). Damage to prefrontal cortex increases utilitarian moral judgments. *Nature*, 446, 908-911. \* Equal contributors

Hauser, M., Cushman, F., Young, L., Jin, R., & Mikhail, J. (2007). A dissociation between moral judgment and justification. *Mind and Language*, 22, 1-21.

## **2006**

Young, L., Cushman, F., Adolphs, R., Tranel, D., & Hauser, M. (2006). Does emotion mediate the relationship between an action's moral status and its intentional status? *Neuropsychological Evidence. Journal of Cognition and Culture*, 6, 265-278.

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### **Essays for Popular Audiences:**

[Who blames the victim?](#), The New York Times, 6/24/2016

[The Whistle-Blower's Quandary](#). The New York Times. 8/2/2013

Young, L. (2011). How We Read People's Moral Minds. In M. Brockman (ed.), *Future Science: 19 Essays from the Cutting Edge*. Vintage.

[How to Change Someone's Mind With Magnets](#). Conversations from the Pale Blue Dot. 11/18/2010

[The New Science of Morality: On "A Statement of Consensus"](#). Edge. 9/9/2010

[Comments on Simine Vazire's "Bright Spots and Blind Spots in Self-Knowledge"](#). On the Human. 9/7/2010

[How Easy Is It to Manipulate Someone's Moral Reasoning?](#) Science + Religion Today. 4/8/2010

[Comments on John Doris's "Do You Know What You're Doing"](#). On the Human. 4/21/2009

[What Makes a Whistleblower?](#) Here and Now. 8/16/2013

### **Invited Talks:**

Social context shapes social cognition, Department of Psychology Colloquium Series, University of Chicago, delivered by zoom, November 2020.

Social context shapes social cognition, Toronto Social Personality Research Group (SPRG), University of Toronto, delivered by zoom, November 2020.

Social context shapes social cognition, Brown University Social Brown Bag Series, delivered by zoom, November 2020.

Social context shapes social cognition, The Ohio State University Social Psychology Colloquium Series, delivered by zoom, November 2020.

How we think about friend vs. foe, Cognition, Brain, and Behavior (CBB) Talk Series, Harvard University, Cambridge, MA, November 2019.

How we think about friend vs. foe, Presentation to Boston College Gabelli Presidential Scholars, Boston College, Chestnut Hill, MA, November 2019.

How we think about friend vs. foe, Social Psychology Speaker Series, UMass Amherst, November 2019.

How we think about friend vs. foe, Psychology Department Colloquium, Johns Hopkins University, Baltimore, MD, October 2019.

How we think about friend vs. foe, Women in Psychology, Harvard University, Cambridge, MA, May 2019.

How we think about friend vs. foe, Cognitive Science Colloquium, University of Maryland, College Park, MD, May 2019.

How we think about friend vs. foe, Social Psychology Speaker Series, Tufts University, Medford, MA, May 2019.

How we think about friend vs. foe, Social Psychology Speaker Series, Yale University, New Haven, CT, April 2019.

How we think about friend vs. foe, SPSP Justice and Morality pre-conference, Portland, OR, February 2019.

Moral cognition in context, Summer Seminars in Neuroscience and Philosophy, Duke University, Durham, NC, June 2017.

The structure of morality, Behavioral Science speaker series at the Center for Decision Research, Chicago Booth School of Business, Chicago, IL, April 2017.

The structure of morality, Developmental/Cognitive Lunch Series, Yale University, New Haven, CT, March 2017.

The structure of morality, Social Psychology Speaker Series, Harvard University, Cambridge, MA, March 2017.

Changing Moral Minds. Conference on Engaged and Empowered Students: Educating Ethical 21<sup>st</sup> Century Citizens, Critical Thinkers and Problem Solvers, Harvard Graduate School of Education, Cambridge, MA, November 2016.

Morality is many things, Stanton Award Address, Annual Meeting of the Society for Philosophy and Psychology, Austin, TX, June 2016.

The structure of morality, Social and Affective Neuroscience Society Annual Meeting, New York, NY, April 2016.

The moral brain and how to change it, South by Southwest 2016, Austin, TX, March 2016.

Changing moral minds, Mind, Brain, and Behavior symposium, Harvard University, Cambridge, MA, February 2016.

The structure of morality, Neuroimaging & Neuropsychology group, VA Boston, Boston, MA, December 2015.

The structure of morality, The Institute of Cognitive and Brain Sciences, UC Berkeley, Berkeley, CA, November 2015.

The structure of morality, Working group in political psychology, Harvard University, Cambridge, MA, November 2015.

Changing moral minds, May Institute Professional Continuing Education Series, Randolph, MA, June 2015.

Changing moral minds, The Winsor School Alumnae Program, Boston, MA, May 2015.

Changing moral minds, Boston College Alumni Education Program, Chestnut Hill, MA, May 2015.

Uniquely moral cognition, University of Michigan "Moral Learning" workshop, Ann Arbor, MI, May 2015.

Mind, Brain & Morality, Duke Institute for Brain Sciences and Duke University Center for Cognitive Neuroscience, Durham, NC, May 2015.

Moral cognition: On high and on the ground. Social Psychology Talk Series, Northeastern University, Boston, MA, November 2013.

Moral cognition and environmental attitudes. Annual meeting of the Psychonomic Society, Toronto, ON, Canada, November 2013.

Moral cognition: On high and on the ground. Harvard Society for Mind, Brain, and Behavior, Harvard University, Cambridge, MA, November 2013.

Moral cognition: On high and on the ground. Princeton-Penn-Rutgers Seminar, New Brunswick, NJ, October 2013.

Moral cognition: On high and on the ground. Ecole Normale Superieure, Paris, France, September 2013.

Moral cognition: On high and on the ground. Workshop on decision-making, Wharton School, University of Pennsylvania, Philadelphia, PA, June 2013.

Moral cognition: On high and on the ground. Developmental Psychology Talk Series, Psychology Department, UMass Amherst, Amherst, MA, April 2013.

Moral cognition: On high and on the ground. Social Psychology Research Workshop, Harvard University, Cambridge, MA, February 2013.

Moral cognition: On high and on the ground. Judgment and Decision-Making Pre-Conference, SPSP, New Orleans, LA, January 2013.

Moral cognition: On high and on the ground. Morality and Justice Pre-Conference, SPSP, New Orleans, LA, January 2013.

When the mind matters for morality. Harvard Social Brain Sciences Symposium, Cambridge, MA, December 2012.

When the mind matters for morality. Society for Experimental Social Psychology, Austin, TX, October, 2012.

When the mind matters for morality. Conference on Normative Ethics, Oxford, England, July, 2012.

When the mind matters for morality. International Workshop on "The Evolution of Morality: The Biology and Philosophy of Human Conscience". International School of Ethology, at the "Ettore Majorana" Centre for Scientific Culture. Erice, Sicily, Italy, June, 2012.

When the mind matters for morality. Social and Affective Neuroscience Symposium at Human Brain Mapping, Beijing, China, June 2012.

When the mind matters for morality. Center for Depression, Anxiety, and Stress Research, McLean Hospital, Harvard Medical School, Belmont, MA, May, 2012.

How the Brain Makes Up the Moral Mind. Big Ideas for Busy People, Cambridge Science Festival, Cambridge, MA, April 2012.

When the mind matters for morality. NYU Center for Bioethics, New York University, New York, NY, March 2012.

When the mind matters for morality. BC Law School Faculty Colloquium, Newton, MA, January 2012.

When the mind matters for morality. Mind Perception Pre-Conference, SPSP, San Diego, CA, January 2012.

Mental State Representations for Moral Judgment. The NeuroCog Collective, Nosara, Costa Rica, January, 2012.

When the mind matters for morality. Metro Experimental Research Group, New York University, NY, New York, December, 2011.

When the mind matters for morality. Early Career Award Address at Society for Social Neuroscience, Washington, DC, November, 2011.

When the mind matters for morality. TEDx, Utrecht, the Netherlands, November, 2011.

When the mind matters for morality. Washington University in St. Louis, St. Louis, MO, October, 2011.

When the mind matters for morality. Brain & Cognition Talk Series, MGH Martinos Center, Boston, MA, October, 2011.

When the mind matters for morality. Department of Psychology, Yale University, New Haven, CT, October, 2011.

When the mind matters for morality. Social Psychology Series, UMass Amherst, Amherst, MA, September, 2011.

When the mind matters for morality. Caltech & Fuller Theological Seminary, Pasadena, CA, May 2011.

When the mind matters for morality. Topics in Developmental Psychology, University of Chicago, Chicago, IL, May 2011.

When the mind matters for morality. NSF Workshop on the Future of Decision, Risk, and Management Sciences, Carnegie Mellon University, Pittsburgh, PA, May 2011.

When the mind matters for morality. Eastern Psychological Association (EPA), Cambridge, MA, March 2011.

The brain behind the moral mind. Emerging Disciplines, Rice University, Houston, TX, February 2011.

Cognitive and neural signatures of motivated moral reasoning. Society of Experimental Social Psychology, Minneapolis, MN, October 2010.

When intent matters for morality. Culture and the Mind, Arts and Humanities Research Council, University of Sheffield, Sheffield, England, September 2010.

Is there more to moral psychology than psychology. Society of Philosophy and Psychology, Portland, OR, June 2010.

Mental state reasoning for establishing innocence and guilt. Society of Philosophy and Psychology, Portland, OR, June 2010.

Mental state reasoning for establishing innocence and guilt. International Cognitive Neuroscience Meeting, Istanbul, Turkey, May 2010.

The role of intent across distinct moral domains. NSF Symposium on Neuroethics, UNC, Charlotte, NC, April 2010.

Mental state reasoning for establishing innocence and guilt. Brain, Mind, & Society Seminar, Caltech, Pasadena, CA, April 2010.

Mental state reasoning for establishing innocence and guilt. Berkman Center at Harvard Law School, Cambridge, MA, March 2010.

Mental state reasoning for establishing innocence and guilt. Center for Behavioral Decision Research, Carnegie Mellon University, Pittsburgh, PA, January 2010.

Mental state reasoning for establishing innocence and guilt. Social-Personality Brown Bag series, Brown University, Providence, RI, December 2009.

Mental state reasoning for establishing innocence and guilt. Department of Psychological and Brain Sciences. Dartmouth College, Hanover, NH, December 2009.

How the brain makes up the moral mind. 10th Annual Scholarship Conference of the Society for Evolutionary Analysis in Law, sponsored by Law and Human Behavior Program at Vanderbilt, the Law and Behavioral Biology Speaker Series at Vanderbilt, and the Gruter Institute for Law and Behavioral Research, Vanderbilt University, Nashville, TN, April 2009.

Benign beliefs & destructive desires: A mental state model of forgiveness and blame. Moral Psychology Research Group at University of Utah, Salt Lake City, UT, March 2009.

Panel at National Undergraduate Bioethics Conference, sponsored by Harvard Undergraduate Bioethics Conference. Harvard University, Cambridge, MA, March 2009.

How the brain makes up the moral mind. Cognitive Brown Bag Series, Psychological & Brain Sciences Department, Dartmouth College, Hanover, NH, February 2009.

How the brain makes up the moral mind: The neuroscience of mental state reasoning in moral judgment. Cognition, Brain, and Behavior Research Seminar, Harvard University, Cambridge, MA, December 2008.

How the brain makes up the moral mind: The neuroscience of mental state reasoning in moral judgment. Neuro-philosophy Series, Georgia State, Atlanta, GA, November 2008.

Reading minds for moral judgment: A cognitive neuroscience approach. Lecture at Cold Spring Harbor Summer Course, The Biology of Social Cognition, New York, NY, July 2008.

Reading minds for moral judgment: A cognitive neuroscience approach. Experimental Philosophy Workshop at Society for Philosophy and Psychology, Philadelphia, PA, June 2008.

Reading minds for moral judgment: A cognitive neuroscience approach. Workshop on Moral Psychology, Institut Jean Nicod-CNRS, Paris, France, June 2008.

Reading minds for moral judgment: A cognitive neuroscience approach. Cog Lunch, MIT, Cambridge, MA, March 2008.

Reading minds for moral judgment: A cognitive neuroscience approach. Bates College, Lewiston, ME, February 2008 (as a Mellon Associate in Humanities and Social Science).

The guilty mind: A cognitive neuroscience approach to theory of mind in moral judgment. Neurobiology Department, Children's Hospital, Boston, MA, December 2007.

The guilty mind: A cognitive neuroscience approach to theory of mind in moral judgment. Society for Philosophy and Psychology Conference, York University, Toronto, ON, Canada, June 2007.

Emotion and moral judgment. Guest lecture for Moral Psychology graduate-level course by Jesse Prinz and Joshua Knobe, UNC, Chapel Hill, NC, April 2007.

Comments on Wright & Bengson: Asymmetries in folk judgments of responsibility and intentional action. American Philosophical Association, Central Division, Chicago, IL, April 2007.  
Integrating theory of mind and moral judgment. Neuroethics and Empirical Moral Psychology, University of Oslo, Oslo, Norway, March 2007.  
Moral judgment: Empirical studies and philosophical implications. American Philosophical Association, Eastern Division, Washington, DC, December 2006.  
Two-process model of moral judgment. With Fiery Cushman. Moral Psychology Research Group at Rutgers, New Brunswick, NJ, December 2006.  
Moral sense test. With Fiery Cushman. Guest lecture for Moral Psychology undergraduate-level course by Richard Holton, MIT, Cambridge, MA, November 2007.  
Emotion and moral judgment: Neuropsychological evidence. Moral Psychology Workshop at MIT, Cambridge, MA, November 2006.  
The role of emotion in moral cognition. International Society for Research on Emotions, Atlanta, GA, August 2006.  
The role of emotion in moral cognition. Society for Philosophy and Psychology Conference, Washington University, St. Louis, MO, June 2006.  
The role of emotion in moral cognition. Neuroscience and Moral Psychology Conference, University of Utah, Salt Lake City, UT, March 2006.  
Intuition and moral judgment. With Fiery Cushman. Cognition, Brain, and Behavior Research Seminar, Harvard University, Cambridge, MA, September 2004.

#### **Submitted Academic Talks:**

When ignorance is no excuse: evaluating incest vs. assault. Society for Experimental Social Psychology, Santa Monica, CA, October 2016.  
When ignorance is no excuse: evaluating incest vs. assault. International Conference on Thinking, Providence, RI, July 2016.  
The conflicted self does not cause its own actions. Society for Philosophy and Psychology, Boulder, CO, June 2012.

#### **Conference Symposium Chair:**

Moral Psychology. Society for Philosophy and Psychology, York University, Toronto, June 2007.

#### **Interdisciplinary Activities:**

Biannual workshops of the Moral Psychology Research Group (MPRG) for production of The Oxford Handbook of Moral Psychology (2004-present).  
Founder/president of Harvard Society for Mind, Brain, and Behavior (HSMBB).

#### **Public Media Coverage:**

Human exceptionalism stifles progress, Nautilus, 5/2/2019  
Our Culture of Contempt, The New York Times, 3/2/2019  
Do moral beliefs shape personalities in adults and adolescents?, Science Trends, 1/7/2019  
Conversations about our broken system aren't enough, The Washington Post, 4/27/2018  
A potential benefit to memories of terrorism, Scientific American, 4/3/2018  
Terrorists' moral judgment probed in psychology test, BBC News, 5/26/2017  
When it comes to defining 'terrorism,' there is no consensus, PBS Newshour, 2/26/2017  
The psychology of victim blaming, The Atlantic, 10/5/2016  
Five Oxford interview questions and five answers, The Guardian. 10/11/2016 (question #3)

Why society blames victims, according to science, The Huffington Post, 7/12/2016  
The Wright Show. Meaningoflife tv, 8/6/2015  
A simple way to foster kindness in kids, The Huffington Post, 7/13/2016.  
The Real Victims of Victimhood, NY Times, 12/26/2015  
Stuff happens, and the way we talk about it matters, NPR, 10/5/2015  
The Kids Are All Right: Have we made our children into moral monsters?, Slate, 3/6/2015  
Search for Political Common Ground is Difficult, NPR Morning Edition, 11/27/14  
The bias that can help explain endless conflicts, New York Magazine, 11/5/2014  
We can all get along, The Guardian. 11/4/2014  
Beyond Good and Evil: New Science Casts Light on Morality in the Brain, WBUR, 8/7/2014  
Suicide and the 'Impure Soul', The Atlantic, 1/9/2014  
'Moral realism' may lead to better moral behavior, Science Daily, 1/29/2013  
Morality in making decisions, The Boston Globe, 3/2/2012  
The hive mind made me do it, The Boston Globe, 12/18/2011  
Morality is other people, The Daily Beast, 12/18/2011  
How we assign blame for corporate crimes, MSNBC / Business News Daily, 12/11/2011  
Individuals Are Removed from Blame When in Groups, Scientific American, 12/11/2011  
How People Assign Blame: Cohesive Groups Hold Members Less Responsible for Individual Actions, Science Daily, 12/8/2011  
Can Companies, Political Groups or Organizations Have a Single Mind?, Association for Psychological Science, 12/5/2011  
The Vexing Mental Tug-of-War Called Morality, Discover, 9/16/2011  
How Does the Brain Work?, Nova ScienceNOW, 2/2/2011  
Adults with Autism May Not Understand Others' Intentions, U.S. News & World Report, 2/2/2011  
Understanding the Autistic Mind, Science Daily, 2/2/2011  
Perception of morality different when you have autism, MSNBC, 1/31/2011  
Top 100 Science Stories of 2010, Discover, 12/16/2010  
Judging other people's intentions, Simply Science, Nature, 7/12/2010  
Altering conscience?, The Dana Foundation, 6/18/2010  
Magnets, morality, and reasoning, Psychology Today, 6/11/2010  
No harm, no foul, Psychology Today, 4/13/2010  
Morality of murder, [Research Highlights](#), Nature, 4/1/2010  
Magnets can alter judgment, CNN Newsroom, 4/1/2010  
Magnet mayhem: Modifying morality with magnets, ABC News, 3/31/2010  
The amazing brain, Telegraph (UK), 3/31/2010  
[radio interview] Canadian Broadcasting Company, 3/31/2010  
Morality is modified in the lab, BBC News, 3/30/2010  
Can morality be changed magnetically?, CNN, 3/30/2010  
Magnetic waves alter moral compass, CBS News, 3/30/2010  
Magnets can sway 'Moral Compass', FOX News, 3/30/2010  
Scientists discover moral compass in the brain which can be controlled by magnets, Daily Mail, 3/30/2010  
Magnets placed near brain can disrupt person's moral compass, NY Daily News, 3/30/2010  
A magnetic field applied to the brain can alter people's sense of morality, Popular Science, 3/30/2010  
Moral compass influenced by magnets, Times Online (UK), 3/30/2010  
Magnets can turn off a person's moral compass, Toronto Sun, 3/30/2010  
Magnetism can sway man's moral compass, Slashdot, 3/30/2010  
Brain scientists say root of morality is behind the ear, Mirror (UK), 3/30/2010  
How does the brain make moral judgments?, Science + Religion Today, 3/30/2010  
Brain damage skews our moral compass, New Scientist, 3/30/2010



Study narrows gap between mind and brain, NPR, All Things Considered, 3/29/2010  
Magnets mess minds, morality, Nature, 3/29/2010  
Murder or an accident? The brain knows, Science, 3/29/2010  
Magnets can alter morality, MSNBC, 3/29/2010  
Morality altered by brain stimulation, LiveScience, 3/29/2010  
Scientists tweak subjects' brains to alter their moral choices, MSN, 3/29/2010  
When is attempted murder more acceptable than harming someone by accident?, Discover, 3/26/2010  
Emotions key to judging others, Science Daily, 3/25/2010  
Morality - it's in your mind, next to emotions, The Independent (UK), 3/25/2010  
Brain's 'moral outrage' center pinpointed, Businessweek, 3/24/2010  
The roots of morality, Science, 5/09/2008  
The moral instinct, NY Times, 1/13/2008  
Scientists draw link between morality and brain's wiring, Wall Street Journal, 5/11/2007  
Scanning the brain for its moral center, ABC News / Nightline, 5/2/2007  
Making the paper: Brain damage offers clues to the role of emotions in moral decisions, Nature, 4/19/2007  
Mind makes right: Brain damage, evolution, and the future of morality, Slate, 3/31/2007  
Posing the right question, The Economist, 3/22/2007

### **Mentoring:**

#### Graduate students (current)

Issac Handley-Miner (2020-present)  
Ryan McManus (2018-present)  
Minjae Kim (2017-present)

#### Postdoctoral students (current)

Julia Marshall (2020-present, co-advised with Katie McAuliffe)  
Gordon Kraft-Todd (2019-present)  
Justin Martin (2017-present, co-advised with Katie McAuliffe)

#### Postdoctoral Alumni

BoKyung Park (2017-2020; currently: assistant professor at UT Dallas)  
Brendan Gaesser (Templeton Science of Prospecion Co-PI, 2013-2016; currently: assistant professor at SUNY Albany)  
Larisa Heiphetz (NSF SBE Fellow, 2013-2016; currently: assistant professor at Columbia University)  
Alek Chakroff (2015-2016; currently: Google)

#### Graduate Alumni

Lily Tsoi (NSF Graduate Research Fellow, 2013-2018, currently: postdoc at Princeton University, with Diana Tamir)  
James Dungan (NSF Graduate Research Fellow, 2011-2017, currently: postdoc at University of Chicago Booth School of Business, with Nick Epley)  
Jordan Theriault (NSERC Graduate Research Fellow, 2011-2017, currently: postdoc at Northeastern, with Lisa Feldman Barrett)  
Alek Chakroff (2010-2015\*, currently: Google)  
Laura Niemi (2011-2015, currently: Assistant Professor at Cornell University)  
Joshua Rottman (2010-2015\*, currently: Assistant Professor at Franklin & Marshall)

\*Co-advisor for these students

Full-Time Lab Coordinators / Technical Assistants:

Aditi Kodipady (2020-present)  
Tony Chen (2020-present, joint with Stefano Anzellotti)  
Kevin Jiang (2019-present)  
Josh Hirschfeld-Kroen (2017-2020)  
Emily Wasserman (2015-2017)  
Amelia Brown (2013-2015)  
Lily Tsoi (2011-2013)

Ph.D. Dissertation Committee Member:

Morgan Rogers (Boston College, 2019)  
Dolichan Kollareth (Boston College, 2017)  
David Dodell-Feder (Harvard University, 2016)  
Kelly Bennion (Boston College, 2016)  
Drew Linsley (Boston College, 2016)  
Alek Chakroff (Harvard University, 2015)  
Angelina Hawley-Dolan (Boston College, 2012)