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EDUCATION	2006-2009	Ph.D., Harvard University, Systems Biology
	2000-2004	B.A., Cornell University *summa cum laude*, Computational Biology
PROFESSIONAL	2017-	Associate Professor (tenured) – Psychology Department, Yale University
	2016-2017	Associate Professor (untenured) – Psychology Department, Yale University
	2013-2016	Assistant Professor – Psychology Department, Yale University
	2015-	Appointment by courtesy, Economics Department, Yale University
	2015-	Appointment by courtesy, School of Management, Yale University
	2015-	Cognitive Science Program, Yale University
	2015-	Institution for Social and Policy Studies
	2015-	Yale Institute for Network Science
	2015-	Director, Applied Cooperation Team (ACT)
	2015-2016	Visiting Scholar – Cognitive, Linguistic, and Psychological Sciences Department, Brown University
	2012-2013	Postdoctoral Fellow – Psychology Department, Harvard University
	2011	Lecturer – Human Evolutionary Biology Department, Harvard University
	2010-2012	FQEB Prize Fellow – Psychology Department, Harvard University
	2009-2013	Research Scientist – Program for Evolutionary Dynamics, Harvard University
	2009-2011	Fellow – Berkman Center for Internet & Society, Harvard University
	2006-2009	Ph.D. Student – Systems Biology, Harvard University
	2004-2006	Mathematical Modeler – Gene Network Sciences, Ithaca NY
	2003-2004	Undergraduate Research Assistant – Psychology, Cornell University
	2002-2004	Undergraduate Research Assistant – Plant Biology, Cornell University

SELECTED PUBLICATIONS
[*Equal contribution]

Jordan JJ, Sommers R, Bloom P, **Rand DG** (2017) Why do we hate hypocrites? Evidence for a theory of false signaling. *Psychological Science.* doi: 10.1177/0956797616685771

Bear A, **Rand DG** (2016) Intuition, deliberation, and the evolution of cooperation. *PNAS,* **113** 936-941.

Jordan JJ, Hoffman M, Bloom P, **Rand DG** (2016) Third-party punishment as a costly signal of trustworthiness. *Nature*, **530** 473-476.

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Peysakhovich A**, Rand DG** (2016) Habits of virtue: Creating cultures of cooperation and defection in the laboratory. *Management Science*, **62** 631-647.

Rand DG (2016) Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation. *Psychological Science*, **27** 1192–1206.

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Nishi A, Shirado H, **Rand DG**, Christakis NA (2015) Inequality and visibility of wealth in experimental social networks. *Nature,* **526** 426–429.

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223.

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Rand DG*, Peysakhovich A*, Kraft-Todd GT, Newman GE, Wurzbacher O, Nowak MA, Greene JD (2014) Social heuristics shape intuitive cooperation. *Nature Comm,* **5** 3677.

Rand DG, Nowak MA, Fowler JH, Christakis NA (2014) Static network structure can stabilize human cooperation. *PNAS,* **111** 17093–17098.

Rand DG, Nowak MA (2013) Human cooperation. *Trends in Cognitive Sciences*, **17** 413-425.

Rand DG*, Tarnita CE*, Ohtsuki H, Nowak MA (2013) Evolution of fairness in the one-shot anonymous Ultimatum Game. *PNAS,* **110** 2581-2586.

Yoeli E, Hoffman M, **Rand DG**, Nowak MA. (2013) Powering up with indirect reciprocity in a large-scale field experiment. *PNAS*, **110** 10424-10429.

Fudenberg D*, **Rand DG***, Dreber A (2012) Slow to anger and fast to forgive: Cooperation in an uncertain world. *American Economic Review,* **102** 720-749.

Rand DG, Greene JD*, Nowak MA* (2012) Spontaneous giving and calculated greed. *Nature,* **498** 427-430.

Shenhav A*, **Rand DG***, Greene JD (2012) Divine intuition: cognitive style influences belief in God. *Journal of Experimental Psychology: General,* **131** 423-428.

van Veelen M*, Garcia J*, **Rand DG**, Nowak MA (2012) Direct reciprocity in structured populations. *PNAS*, **109** 9929-9934.

Beale N*, **Rand DG***, Battey H, Croxson K, May R, Nowak MA (2011) Individual versus systemic risk and the Regulator's Dilemma. *PNAS*, **108** 12647-12652.

Rand DG*, Arbesman S*, Christakis NA (2011) Dynamic networks promote cooperation in experiments with humans. *PNAS*, **108** 19193-19198.

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Rand DG*, Dreber A*, Ellingsen T, Fudenberg D, Nowak MA (2009) Positive interactions promote public cooperation. *Science*, **325** 1272-1275.

Rand DG*, Pfeiffer T*, Dreber A, Sheketoff RW, Wernerfelt NC, Benkler Y (2009) Dynamic remodeling of in-group bias during the 2008 presidential election. *PNAS*, **106** 6187-6191.

Dreber A*, **Rand DG***, Fudenberg D, Nowak MA (2008) Winners don't punish. *Nature*, **452** 348-351.

ALL PUBLICATIONS

Peer-reviewed publications

1. **Rand DG**, Tomlin D, Bear A, Ludvig EA, Cohen JD (In press) Cyclical population dynamics of automatic versus controlled processing: An evolutionary pendulum. *Psych Rev.*
2. Arechar AA, Kraft-Todd GK, **Rand DG** (In press) Turking Overtime: How Participant Characteristics and Behavior Vary Over Time and Day on Amazon Mechanical Turk. *JESA.*
3. Stagnaro MN, Yarrow D, **Rand DG** (In press) Profit versus prejudice: Harnessing self-interest to mitigate ingroup bias. *Social Psychology and Personality Science.*
4. Bear A, Kagan A, **Rand DG** (2017) Co-evolution of Cooperation and Cognition: The Impact of Imperfect Deliberation and Context-Sensitive Intuition. *Proc Roy Soc B.* doi:10.1098/rspb.2016.2326
5. Jackson JC, **Rand DG**, Lewis K, Norton M, Gray K (2017) Agent-Based Modeling in Social Psychology. *Social Psychology and Personality Science.* doi:10.1177/1948550617691100
6. Jordan JJ, **Rand DG** (2017) Third-party punishment as a costly signal of high continuation probabilities in repeated games. *Journal of Theoretical Biology.* doi:10.1016/j.jtbi.2017.04.004
7. Jordan JJ, Sommers R, Bloom P, **Rand DG** (2017) Why do we hate hypocrites? Evidence for a theory of false signaling. *Psychological Science.* doi:10.1177/0956797616685771
8. Jordan MR*, Jordan JJ*, **Rand DG** (2017) No unique effect of intergroup competition on cooperation: Non-competitive thresholds are as effective as competitions between groups for increasing human cooperative behavior. *Evolution & Human Behavior,* **38** 102-108.
9. Nishi A, Christakis NA, **Rand DG**. (2017) Cooperation, decision time, and culture: Online experiments with American and Indian participants. *PLoS ONE.* 12(2): e0171252.

10. Shenhav A, **Rand DG**, Greene JD (2017) The path of least resistance: Intertemporal choice and its relationship to choices, preferences, and beliefs. *Judgement and Decision Making*, **12** 1–18.
11. Stagnaro MN*, Arechar AA*, **Rand DG** (2017) From good institutions to generous citizens: Top-down incentives to cooperate promote subsequent prosociality but not norm enforcement. *Cognition.* doi:10.1016/j.cognition.2017.01.017
12. Bear A, **Rand DG** (2016) Intuition, deliberation, and the evolution of cooperation. *PNAS*, **113** 936-941.
13. Epstein Z, Peysakhovich A, **Rand DG**. The Good, the Bad, and the Unflinchingly Selfish: Cooperative decision-making can be predicted with high accuracy using only three behavioral types. (2016) *Proceedings of 17th ACM Conference on Economics and Computation*.
14. Everett JAC, Haque OS, **Rand DG** (2016) How good is the Samaritan, and why? An experimental investigation of the extent and nature of religious prosociality using economic games. *Social Psychological and Personality Science.* doi:10.1177/1948550616632577
15. Hauser OP, Hendriks A, **Rand DG***, Nowak MA* (2016) Think global, act local: Preserving the global commons. *Scientific Reports.*
16. Peysakhovich A**, Rand DG** (2016) Habits of virtue: Creating cultures of cooperation and defection in the laboratory. *Management Science*, **62** 631-647.
17. Jordan JJ, Hoffman M, Bloom P, **Rand DG** (2016) Third-party punishment as a costly signal of trustworthiness. *Nature*, **530** 473-476.
18. Jordan JJ, Hoffman M, Nowak MA, **Rand DG** (2016) Uncalculating cooperation is used to signal trustworthiness. *PNAS*, **113** 8658-8663.
19. Nishi A, Christakis NA, Evans AM, O'Malley AJ, **Rand DG** (2016) Social environment shapes the speed of cooperation. *Scientific Reports*, **6**, Article number 29622.
20. **Rand DG** (2016) Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation. *Psychological Science*, **27** 1192–1206.
21. **Rand DG**, Brescoll VL, Everett JAC, Capraro V, Barcelo H (2016) Social heuristics and social roles: Altruism is intuitive for women but not for men. *Journal of Experiment Psychology: General*, **145** 389-396.
22. Wesson E, Rand RH, **Rand DG** (2016) Hopf bifurcations in two-strategy delayed replicator dynamics. *International Journal of Bifurcation and Chaos*, **26** 1-13.
23. Blake PR, **Rand DG**, Tingley D, Warneken F (2015) The shadow of the future promotes cooperation in a repeated prisoner's dilemma for children. *Scientific Reports*, **5** 14559.
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25. Jordan JJ, McAuliffe K, **Rand DG** (2015) The effects of endowment size and strategy method on third-party punishment. *Experimental Economics*. doi:10.1007/s10683-015-9466-8
26. Kraft-Todd GT, Yoeli E, Bhanot S, **Rand DG** (2015) Promoting cooperation in the field. *Current Opinion in Behavioral Science*, **3** 96-101.
27. Ma Y, Liu Y, **Rand DG**, Heatherton TF, Han S (2015) Opposing oxytocin effects on inter-group social cooperative behavior in intuitive and reflective minds. *Neuropsychopharmacology*, **40** 2379-2387.
28. Nishi A, Shirado H, **Rand DG**, Christakis NA (2015) Inequality and visibility of wealth in experimental social networks. *Nature* **526** 426–429.
29. **Rand DG***, Fudenberg D*, Dreber A (2015) It's the thought that counts: The role of intentions in noisy repeated games. *Journal of Economic Behavior and Organizations*, **116** 481-499.
30. **Rand DG**, Kraft-Todd GT, Gruber J (2015) The collective benefits of feeling good and letting go: Positive emotion and (dis)inhibition interact to predict cooperative behavior. *PLoS ONE*, **10** e0117426
31. **Rand DG**, Newman GE, Wurzbacher O (2015) Social context and the dynamics of cooperative choice. *Journal of Behavioral Decision Making*, **28** 159-166.
32. Roithmayr D*, Isakov A*, **Rand DG** (2015) Should law keep pace with society? Relative update rates determine the co-evolution of institutional punishment and citizen contributions to public goods. *Games*, **6** 124-149.
33. Tomlin DA, **Rand DG**, Ludvig EA, Cohen JD (2015) The evolution and devolution of cognitive control: The costs of deliberation in a competitive world. *Scientific Reports*, **5** 11002.
34. Toupo DFP, **Rand DG**, Strogatz SH (2015) Limit cycles sparked by mutation in the repeated Prisoner's Dilemma. *International Journal of Bifurcation and Chaos*, **24** 1-12.

35. Toupo DFP, Strogatz SH, Cohen JD, **Rand DG** (2015) Evolutionary game dynamics of controlled and automatic decision-making. *Chaos*, **25** 073120.
36. Capraro V, Jordan JJ, **Rand DG** (2014) Heuristics guide the implementation of social preferences in one-shot Prisoner's Dilemma experiments. *Scientific Reports,* **4** 6790.
37. Cone J, **Rand DG** (2014) Time pressure increases cooperation in competitively framed social dilemmas. *PLoS ONE,* **9** e115756.
38. Dreber A, Fudenberg D, **Rand DG** (2014) Who cooperates in repeated games? The role of altruism, inequity aversion, and demographics. *Journal of Economic Behavior and Organization,* **98** 41-55.
39. Engel C, **Rand DG** (2014) What does "clean" really mean? The implicit framing of decontextualized experiments. *Economics Letters,* **122** 386-389.
40. Gray K*, **Rand DG***, Ert E, Hershman S, Norton M (2014) The emergence of "Us and Them" in 80 lines of code: Modeling group genesis in homogeneous populations. *Psychological Science,* **25** 982-990.
41. Hauser OP, Nowak MA, **Rand DG** (2014) Punishment does not promote cooperation under exploration dynamics when anti-social punishment is possible. *Journal of Theoretical Biology*, **360** 163-171.
42. Hauser OP*, **Rand DG***, Peysakhovich A, Nowak MA (2014). Cooperating with the future. *Nature,* **511** 220–223.
43. Peysakhovich A, Nowak MA, **Rand DG.** (2014) Humans display a "cooperative phenotype" that is domain general and temporally stable. *Nature Comm,***5** 4939.
44. **Rand DG**, Dreber A, Haque OS, Kane RJ, Nowak MA, Coakley S (2014) Religious motivations for cooperation: an experimental investigation using explicit primes. *Religion, Brain & Behavior,* **4** 31-48.
45. **Rand DG**, Epstein ZG. Risking your life without a second thought: Intuitive decision-making and extreme altruism (2014) *PLoS ONE,* **9** e109687
46. **Rand DG**, Nowak MA, Fowler JH, Christakis NA (2014) Static network structure can stabilize human cooperation. *PNAS*, **111** 17093–17098.
47. **Rand DG**, Kraft-Todd, GT (2014) Reflection does not undermine self-interested prosociality. *Frontiers in Behavioral Neuroscience,* **8** 300.
48. **Rand DG***, Peysakhovich A*, Kraft-Todd GT, Newman GE, Wurzbacher O, Nowak MA, Greene JD (2014) Social heuristics shape intuitive cooperation. *Nature Comm,* **5** 3677.
49. **Rand DG**, Yoeli E, Hoffman M (2014) Harnessing reciprocity to promote cooperation and the provisioning of public goods. *Policy Insights from Behavioral and Brain Sciences*, **1** 1-17.
50. Roberts ME, Stewart BM, Tingley D, Lucas C, Leder-Luis J, Gadarian S, Albertson B, **Rand DG** (2014) Structural topic models for open-ended survey responses. *American Journal of Political Science,* **58** 1064-1082.
51. Dreber A, Ellingsen T, Johannesson M, **Rand DG** (2013) Do people care about social context? Framing effects in dictator games. *Experimental Economics,* **16** 349–371.
52. Jordan JJ, **Rand DG**, Arbesman S, Fowler JH, Christakis NA. (2013) Contagion of cooperation in static and fluid social networks. *PLoS ONE*. 8(6): e66199
53. **Rand DG**, Nowak MA (2013) Human cooperation. *Trends in Cognitive Sciences*, **17** 413-425.
54. **Rand DG***, Tarnita CE*, Ohtsuki H, Nowak MA (2013) Evolution of fairness in the one-shot anonymous Ultimatum Game. *PNAS,* **110** 2581-2586.
55. Ruelas RE, **Rand DG**, Rand RH (2013) Parametric excitation and evolutionary dynamics. *Journal of Applied Mechanics*, **80** 051013 1-6.
56. Yoeli E, Hoffman M, **Rand DG**, Nowak MA. (2013) Powering up with indirect reciprocity in a large-scale field experiment. *PNAS,* **110** 10424-10429.
57. Amir O, **Rand DG**, Gal YK (2012) Economic games on the Internet: the effect of $1 stakes. *PLoS ONE.* **7** e31461.
58. Fudenberg D*, **Rand DG***, Dreber A (2012) Slow to anger and fast to forgive: Cooperation in an uncertain world. *American Economic Review*, **102** 720-749.
59. Fu F*, Tarnita CE*, Christakis NA, Wang L, **Rand DG**, Nowak MA (2012) Evolution of in-group favoritism. *Scientific Reports*, **2** 460.
60. Isakov A, **Rand DG** (2012) The evolution of coercive institutional punishment. *Dynamic Games and Applications,* **2** 97-109.
61. Manapat ML, Nowak MA, **Rand DG** (2012) Information, irrationality and the evolution of trust. *Journal of Economic Behavior and Organization,* **90** S57-S75.

62. Manapat ML, **Rand DG** (2012) Delayed and inconsistent information and the evolution of trust. *Dynamic Games and Applications,* **2** 401-410.
63. Manapat ML, **Rand DG**, Pawlowitsch C, Nowak MA (2012) Stochastic evolutionary dynamics resolve the Traveler's Dilemma. *Journal of Theoretical Biology*, **303** 119-127.
64. Pfeiffer T, Gao XA, Mao A, Chen Y, **Rand, DG** (2012) Adaptive information polling and aggregation. *Proceedings of the Twenty-Sixth AAAI Conference on Artificial Intelligence (AAAI-12).*
65. Pfeiffer T, Tran L, Krumme O, **Rand DG** (2012) The value of reputation. *Journal of the Royal Society Interface,* **9** 2791-2797.
66. **Rand DG** (2012) The promise of Mechanical Turk: How online labor markets can help theorists run behavioral experiments. *Journal of Theoretical Biology* **299** 172-179.
67. **Rand DG**, Greene JD*, Nowak MA* (2012) Spontaneous giving and calculated greed. *Nature*, **498** 427-430.
68. **Rand DG**, Nowak MA (2012) Evolutionary dynamics in finite populations can explain the full range of cooperative behaviors observed in the centipede game. *Journal of Theoretical Biology*, **300** 212-221.
69. Ruelas RE, **Rand DG**, Rand RH (2012) Nonlinear parametric excitation of an evolutionary dynamical system. *Journal of Mechanical Engineering Science*, **226** 1912-1920.
70. Shenhav A*, **Rand DG***, Greene JD (2012) Divine intuition: cognitive style influences belief in God. *Journal of Experimental Psychology: General*, **131** 423-428.
71. van Veelen M*, Garcia J*, **Rand DG**, Nowak MA (2012) Direct reciprocity in structured populations. *PNAS*, **109** 9929-9934.
72. Beale N*, **Rand DG***, Battey H, Croxson K, May R, Nowak MA. (2011) Individual versus systemic risk and the Regulator's Dilemma. *PNAS*, **108** 12647-12652.
73. Dreber A, **Rand DG**, Wernerfelt NC, Garcia JR, Lum JK, Zeckhauser RJ (2011) Dopamine and risk choices in different domains: Findings among serious tournament bridge players. *Journal of Risk and Uncertainty*, **43** 19-38.
74. Horton JJ, **Rand DG**, Zeckhauser RJ (2011) The online laboratory: Conducting experiments in a real labor market. *Experimental Economics* **14** 399-425.
75. **Rand DG***, Arbesman S*, Christakis NA (2011) Dynamic networks promote cooperation in experiments with humans. *PNAS*, **108** 19193-19198.
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77. Rand RH, Yahzbin M, **Rand DG** (2011) Evolutionary dynamics of a system with periodic coefficients. *Communications on Nonlinear Sciences and Numerical Simulation*, **16** 3887–3895.
78. Blake PR & **Rand DG** (2010) Currency value moderates equity preference among young children. *Evolution & Human Behavior*, **31** 210-218.
79. Hill AL*, **Rand DG***, Nowak MA, Christakis NA (2010) Emotions as infectious diseases in a large social network: the SISa model. *Proceedings of the Royal Society: Biological Sciences*, **277** 3827-3835.
80. Hill AL, **Rand DG**, Nowak MA, Christakis NA (2010) Infectious disease modeling of social contagion in networks. *PLoS Computational Biology*, **6** e1000968.
81. **Rand DG,** Armao JJ, Nakamaru M, Ohtsuki H (2010) Anti-social punishment can prevent the co-evolution of punishment and cooperation. *Journal of Theoretical Biology*, **265** 624-632.
82. Pfeiffer T, **Rand DG**, Dreber A (2009) Decision-making in research tasks with sequential testing. *PLoS ONE*, **4** e4607.
83. **Rand DG**, Ohtsuki H, Nowak MA (2009) Direct reciprocity and costly punishment: generous tit-for-tat prevails. *Journal of Theoretical Biology*, **256** 45-57.
84. **Rand DG**, Pfeiffer T. (2009) Systematic differences in impact across publication tracks at PNAS. *PLoS ONE,* **4** e8092.
85. **Rand DG***, Dreber A*, Ellingsen T, Fudenberg D, Nowak MA (2009) Positive interactions promote public cooperation. *Science,* **325** 1272-1275.
86. **Rand DG***, Pfeiffer T*, Dreber A, Sheketoff RW, Wernerfelt NC, Benkler Y (2009) Dynamic remodeling of in-group bias during the 2008 presidential election. *PNAS*, **106** 6187-6191.
87. Dreber A*, **Rand DG***, Fudenberg D, Nowak MA (2008) Winners don't punish. *Nature,* **452** 348-351.
88. **Rand DG**, Zhou Q, Buzzard G, Fox JJ (2008) Computationally efficient strategy for modeling the effect of ion current modifiers. *IEEE Transactions on Bio-Medical Engineering*, **55** 3-13.

Book chapters

89. Stagnaro MN, **Rand DG** (In press) The co-evolution of religious belief and intuitive cognitive style via individual-level selection, in "Oxford Handbook of Evolutionary Perspectives on Religion." Eds. Liddle JR, Shackelford T. Oxford, UK: Oxford University Press.
90. Kraft-Todd GT, **Rand DG** (2016) Adaptive foundations of heroism: Social heuristics push everyday ethical behavior to heroic extremes, in "Handbook of Heroism and Heroic Leadership." Eds. Allison ST, Goethals G, Kramer R. London, UK: Routledge Publishing.
91. Jordan JJ, Peysakhovich A, **Rand DG** (2015) Why We Cooperate, in "The Moral Brain: Multidisciplinary Perspectives." Eds. Decety J and Wheatley T. Cambridge, MA: MIT Press.
92. **Rand DG**, Nowak MA (2015) Cooperation among humans, in "Global cooperation and the human factor." Eds. Messner D, Guarin A, Daun D. London, UK: Routledge Publishing.
93. McCabe CM, **Rand DG** (2014) Coordinated punishment does not proliferate when defectors can also punish cooperators, in "Antisocial Behavior: Etiology, Genetic and Environmental Influences and Clinical Management", Ed. Gallo JH. Hauppauge, NY: Nova Publishers.
94. Almenberg J, Dreber A, Apicella CL, **Rand DG** (2011) Third party reward and punishment: Group size, efficiency and public goods, in "Psychology of Punishment", Eds. NM Palmetti et al. Hauppauge, NY: Nova Publishers.

Commentaries / replies

95. Pennycook G, **Rand DG** (In press) The evolution of analytic thought? *Behavioral and Brain Sciences*.
96. **Rand DG** (2017) Reflections on the Time-Pressure Cooperation Registered Replication Report. *Perspectives on Psychological Science.* doi:10.1177/1745691617693625
97. Bear A, **Rand DG** (2016) Modeling intuition's origins. *Journal of Applied Memory & Cognition*, **5** 341-344.
98. Amir D, Jordan MR, **Rand DG** (2016) Cultural evolution need not imply group selection. *Behavioral and Brain Sciences*. doi:10.1017/S0140525X15000059, e32
99. Bear A, **Rand DG** (2016) Reply to Myrseth and Wollbrant: Our model is consistent with altruism, and helps to explain its evolution. *PNAS*. doi:10.1073/pnas.1603854113
100. **Rand DG** (2015) Clarification regarding Rand et al. (2015) "Social context and the dynamics of cooperative choice." *Journal of Behavioral Decision Making*, doi:10.1002/bdm.1898.
101. **Rand DG**, Greene JD, Nowak MA (2013) Reply to "Intuition and cooperation reconsidered." *Nature* **498** E2–E3.
102. Dreber A, **Rand DG** (2012) Retaliation and anti-social punishment are overlooked in many theoretical models as well as behavioral experiments. *Behavioral and Brain Sciences* **35**, 24.
103. Haque OS, Shenhav A, **Rand DG** (2011) Differences in cognitive style, emotional processing and ideology as crucial variables in understanding meaning making. *Religion, Brain & Behavior* **1**, 223-225.
104. **Rand DG**, Dreber A, Ellingsen T, Fudenberg D, Nowak MA (2009) Weighing reward and punishment — Response. *Science* **326**, 1632-1633.

SUBMITTED / WORKING PAPERS

105. Arechar AA, Dreber A, Fudenberg D, **Rand DG**. "I'm just a soul whose intentions are good": Communication in noisy repeated games. Available at http://ssrn.com/abstract=2748890.
106. **Rand DG**. Social dilemma cooperation (unlike Dictator Game giving) is intuitive for men as well as women. Available at SSRN: http://ssrn.com/abstract=2722981
107. Dreber A, Fudenberg D, Levine DK, **Rand DG**. Self-Control, Social Preferences and the Effect of Delayed Payments. Available at SSRN: http://ssrn.com/abstract=2477454.
108. Levine EE, Barasch A, **Rand DG**, Berman JZ, Small DA. Signaling Emotion and Reason in Cooperation. Available at SSRN: https://ssrn.com/abstract=2922765.
109. Reiter JG, Hilbe C, **Rand DG**, Chatterjee K, Nowak MA. Crosstalk in repeated games.

110. Peysakhovich A, **Rand DG**. In-Group Favoritism Based on Pokémon Go (and the Use of Machine Learning to Investigate Its Moderators).
111. Martin JW*, Jordan JJ*, **Rand DG**, Cushman F. When do we punish people who don't?
112. Jordan MR, Dickens W, Hauser OP, **Rand DG**. Rethinking microloan defaults.
113. Jordan MR, Amir D, **Rand DG**. Childhood socioeconomic status has lasting effects on social and risk preferences.
114. Pennycook G, Cannon T, **Rand DG**. Prior exposure increases perceived accuracy of fake news.
115. Kraft-Todd GK, Norton M, **Rand DG**. Setting a Price for Charitable Giving Increases Donations through Self-Concept Maintenance. Available at http://ssrn.com/abstract=2568869.
116. Hauser OP, Kraft-Todd GK, **Rand DG**, Nowak MA, Norton M. Punishing the poor and rewarding the rich.
117. Ellingsen T, Herrmann B, Nowak MA, **Rand DG**, Tarnita CA. Civic capital in two cultures: The nature of cooperation in Romania and USA. Available at SSRN: http://ssrn.com/abstract=2179575.
118. Dreber A, **Rand DG**, Wernerfelt N, Worrell PR, Zeckhauser RJ. The decisions of entrepreneurs and their agents: Revealed levels of risk aversion and betrayal aversion. Available at SSRN: http://ssrn.com/abstract=2263282.
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121. Dreber A*, **Rand DG***, Wernerfelt NC, Montgomery CA, Malhotra D. Genetic correlates of economic and social risk taking. Available at SSRN: http://ssrn.com/abstract=2141601.
122. Wernerfelt NC*, **Rand DG***, Dreber A, Montgomery CA, Malhotra D. Arginine vasopressin 1a receptor (AVPR1a) RS3 repeat polymorphism associated with entrepreneurship. Available at SSRN: http://ssrn.com/abstract=2141598.

POPULAR PRESS ARTICLES

1. Jordan JJ, Sommers R, **Rand DG** (2017) The real problem with hypocrisy. *The New York Times.*
2. Dunham Y, **Rand DG** (2016) Will Sanders supporters come around? *The New York Times.*
3. Jordan JJ, **Rand DG** (2016) The science behind Hillary Clinton's problems with trust. *The Conversation.*
4. Bear A, **Rand DG** (2016) Creating habits of virtue. *Policyshop.*
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11. Van Bavel JJ, **Rand DG** (2013) Restocking our subject pools. *Association for Psychological Science Observer* **26.**
12. Haque OS, **Rand DR** (2012) Religion goes into the science lab. *Wired,*"The World in 2013" Wired UK Special Edition.
13. Peysakhovich A, **Rand DG** (2012) Small is good when it comes to data creation. *Wired*, "The World in 2013" Wired UK Special Edition.
14. **Rand DG**, Nowak MA (2009) Name and shame: How reputation could save the earth. *New Scientist*, **2734** 28-29.

TEACHING EXPERIENCE

Spring 2017, PSYC 162: Evolution of cooperation. Undergraduate class, Yale University.
Spring 2015, PSYC 320/520: Computation Modeling of Social Interaction. Undergraduate/graduate class, Yale University. Student ratings: mean, 4.5/5; mode 5/5

Fall 2014, PSYC 232L: Research Methods in Social Decision-Making. Undergraduate class, Yale University. Student ratings: mean, 4.2/5; mode 5/5
Spring 2014, PSYC 232L: Research Methods in Social Decision-Making. Undergraduate class, Yale University. Student ratings: mean, 3.8/5; mode 4/5
Fall 2011, HEB 1385: The Evolution of Human Cooperation. Undergraduate class, Harvard University. Student ratings: mean 4.9/5; mode 5/5
Spring 2009, Math 243: Evolutionary Dynamics. Graduate class, [*Teaching fellow*], Harvard University. [Unrated]
Fall 2008, Math153: Mathematical Biology – Evolutionary Dynamics. Undergraduate class, [*Teaching fellow*], Harvard University. Average student rating 4.4/5.0
Fall 2007, SB 200: A Systems Approach to Biology. Graduate class, [*Teaching fellow*], Harvard University. Average student rating of 4.9/5.0

STUDENT ADVISING

Post-doctoral supervisees

Gord Pennycook (Ph.D. Psychology, University of Waterloo) 2016 – 2017 [Jointly advised with Shane Frederick]; University of Regina tenure track professor
Jonathan Schulz (Ph.D. Economics, University of St.Gallen), 2015 – present [Jointly advised with Yarrow Dunham]
Christina Starmans (Ph.D. Psychology, Yale University), 2015 – 2017 [Jointly advised with Paul Bloom]; University of Toronto tenure-track professor
Antonio Alonso Arechar (Ph.D. Economics, University of Nottingham), 2014 – present
Rimma Teper (Ph.D. Social Psychology, University of Toronto), 2014 – 2015; Research consultant at Idea Couture.
Jeremy Cone (Ph.D. Social Psychology, Cornell University), 2013 – 2015; Williams College tenure-track professor
Alexander Peysakhovich (Ph.D. Economics, Harvard University), 2013 – 2014; Facebook Artificial Intelligence

Ph.D. students

Gordon Kraft-Todd, Yale Psychology. In progress.
Jillian J. Jordan, Yale Psychology. In progress.
Adam Bear, Yale Psychology. In progress. [Jointly advised with Paul Bloom]
M. Nicholas Stagnaro, Yale Psychology. In progress.
Matthew J. Jordan, Yale Psychology. In progress. [Jointly advised with Laurie Santos]
Oliver P. Hauser, Harvard Organismic and Evolutionary Biology. "Challenging Cooperation: Inequality, Global Commons, Future Generations." 2016. [Jointly advised with Martin Nowak]
Michael L. Manapat, "Critical phenomena in evolutionary dynamics", MIT Mathematics. June 2010. [Advised under supervision of Martin Nowak]

Undergraduate senior thesis students

Robyn Tse, "No Tip Left Behind: How Restaurant Tipping Policies Influence Cooperation Dynamics & Customer Experience", Yale Cognitive Science, Spring 2017.
Selena Anjur-Dietrich, "Diversity and Quality of Institutions: Fostering Prosociality toward Outgroup Members", Yale Psychology, Spring 2017.
Mari Kawakatsu, "Intuition, Deliberation, and the Evolution of Fairness", Yale Sociology, Spring 2017; winner of 2017 Preist Award in Sociology.
Natalie Warren, "From Norm to Table (and Beyond): The Cooperative Dilemma of University Food Waste", Yale Cognitive Science, Spring 2017.
Matthew Cohen, "Framing Private Vaccination Behavior as a Public Good: A Randomized Trial of Self- and Other-Framed Influenza Vaccination Appeals", Yale Cognitive Science, Spring 2016
Ari Kagan, "Imperfect Deliberation, Context-sensitive Intuition, and the Evolution of Cooperation: A computational game-theoretic model of the evolution of cooperation in dual-process agents", Yale Cognitive Science, Spring 2016

Laura Peng, "Monetary Incentives Elicit Hyperaltruistic Behavior in Contexts of Moral Decision-Making", Yale Psychology, Fall 2015

Ruchita Gupta, "Serial Reciprocity with Endowed Money, Earned Money, and Effort: An Experimental Approach", Yale Psychology, Fall 2015

Thomas Veitch, "Moral Evaluations Run Amok: Moral-Valence Biases Extend to Mild Outcomes", Yale Psychology, Spring 2015

Jazear Brooks, "The Effect of Emotion on Decision-Making", Yale Economics, Fall 2013 [Advised jointly with Johannes Horner].

Owen M. Wurzbacher, "How Robust is the Human Cooperative Impulse? An investigation of intuitive cooperation across social contexts", Harvard Human Evolution Biology, Spring 2013

Nils C. Wernerfelt, "The Evolution of Cooperation on Dynamic Graphs", Harvard Mathematics, Spring 2009; winner of the 2009 Thomas Temple Hoopes prize for excellence in the work of undergraduates. [Advised jointly with Corina Tarnita under supervision of Martin Nowak.]

Joseph J. Armao, "Evolutionary Game Dynamics, Cooperation, and Costly Punishment", Harvard Mathematics, Spring 2009 [Advised jointly with Corina Tarnita under supervision of Martin Nowak.]

HONORS & AWARDS

2016 Selected by vote of the graduate student body to be the Social Sciences representative at *Inspiring Yale*

2015 International Social Cognition Network's 2014 Best Social Cognition Paper Award, for Gray et al. "The Emergence of 'Us and Them' in 80 Lines of Code: Modeling Group Genesis in Homogeneous Populations"

2015 Arthur Greer Memorial Prize for Outstanding Scholarly Publication or Research, Yale University

2014 "Risking your life without a second thought: Intuitive decision-making and extreme altruism" selected by UC Berkeley's Greater Good Science Center as a 2014 Top 10 Insight from the "Science of a Meaningful Life"

2014 "Spontaneous giving and calculated greed" featured as a recommended paper by Faculty of 1000

2014 Gosnell Prize for Excellence in Political Methodology for best work in political methodology presented at any political science conference during 2013, for Roberts et al. "Structural topic models for open-ended survey responses."

2013 Editor's Prize: Best article published in the 2011 volumes of Experimental Economics, for Horton et al "The Online Laboratory: Conducting Experiments in a Real Labor Market."

2012 "Spontaneous giving and calculated greed" selected by UC Berkeley's Greater Good Science Center as a 2012 Top 10 Insight from the "Science of a Meaningful Life"

2012 Pop!Tech 2012 Science Fellow

2012 Wired magazine's Smart List 2012 of "50 people who will change the world"

2011 Harvard University Derek Bok Center Certificate for Distinction in Teaching (Human Evolutionary Biology 1380 Instructor)

2010 Best Student Presentation, International Society on Dynamic Games Symposium, Banff CA

2009 AAAS/Science Program for Excellence in Science

2007 Harvard University Derek Bok Center Certificate for Distinction in Teaching (Systems Biology 200 Teaching Fellow)

2007 NSF Graduate Research Fellowship Program winner

GRANT SUPPORT

External support

2017 Templeton World Charity Foundation: "Co-evolution of cognitive processing, social behavior, and the Environment." David Rand (PI). 12/31/2016 – 4/30/2019.

2016 DARPA Decision Science Office: "The statistical mechanics of crowds – tools for predictive modeling in the social sciences." Joshua Plotkin (PI, UPenn), David Rand (Team Lead),… 10/1/2016 – 2/28/2020.

2015 Sub-award from "Roybal Center for Social Networks and Well-Being", National Institute on Aging, National Institutes of Health, awarded the Yale Sociology Department. David Rand (PI on sub-award). 8/1/2015-5/30/2016.

2015 Integrated Philosophy and Science of Self-Control: "Self-Control and Cooperation: Evolutionary, developmental and cross-cultural perspectives." Yarrow Dunham (PI), David Rand (PI), Eric Mandelbaum (Co-Investigator). 7/1/2015-6/30/2017.

2015 Templeton Science of Prospection Award: "Promoting cooperation with our future selves." David Rand (PI). 1/1/2015-8/31/2016.

2014 Chicago Booth Center for Decision Science New Paths to Purpose Project: "Institutions and purpose: how rules can 'crowd in' or 'crowd out' a sense of purposeful prosociality." David Rand (PI) & Alex Peysakhovich (Co-Investigator). 1/1/2014-6/30/2015.

2014 The VIA Institute on Character Strengths: "Developing a Theory of Character Strengths." David Rand (PI). 1/1/2014-6/30/2017.

2012 Foundational Questions in Evolutionary Biology initiative: "The evolution of cognitive complexity." Joshua Green (PI) & David Rand (Co-Investigator). 10/1/2012-9/30/2014.

2012 John Templeton Foundation: "The evolution of cooperation." Martin Nowak (PI) & David Rand (Co-Investigator). 1/1/2013-12/31/2015.

2010 Foundational Questions in Evolutionary Biology Prize Post-Doctoral Fellowship. 7/1/2010-6/30/2012.

2007 National Science Foundation Graduate Research Fellowship Program. 8/1/2007-5/30/2010.

Internal support

2016 MacMillan Faculty Research Grant, with Yarrow Dunham

2009 Berkman Center for Internet & Society Graduate Student Award

2009 Harvard Mind Brain & Behavior Initiative Graduate Student Award, with Michael Manapat and Daniel Rosenbloom

2008 Harvard Mind Brain & Behavior Initiative Graduate Student Award, with Peter Blake

REFEREEING

Editorial board: PNAS (ad hoc), Current Opinion in Psychology, Heroism Science

Reviewer: Science, Nature, National Science Foundation, PNAS, Nature Comm, Psychological Science, J Experimental Psychology: General, J Personality and Social Psychology, American Economic Review, Quarterly Journal of Economics, Management Science, J Marketing Research , Behavioral and Brain Sciences, Perspectives on Psychological Science, Psychological Review, Current Directions in Psychological Science, Emotion, Organizational Behavior and Human Decision Processes, Proc Royal Society B, J Royal Society Interface, Evolution & Human Behavior, Cognitive Affective and Behavioral Neuroscience, Current Biology, Games and Economic Behavior, J Theoretical Biology, Experimental Economics, J Economic Behavior & Organization, J Evolutionary Economics, EPL, Genes Brain & Behavior, Theoretical Population Biology, Physica A, PLoS ONE, Behavioral and Brain Functions, Religion Brain & Behavior, J Socio Economics, Phys Life Rev, Evolutionary Behavioral Sciences, Royal Society Open Science

PRESENTATIONS/TALKS

Keynote addresses

1. "Cooperation, fast and slow: The social heuristics hypothesis", Intuition, Reasoning, and Prosocial Behavior SOCRATES Workshop, University of Pisa, Italy February 2017
2. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Deliberative and non-Deliberative Choices and Public Policy Conference, Bar Ilan University, Israel December 2016
3. "Intuitive social heuristics and deliberative self-interest", *Is Sin Original?* symposium, University of Amsterdam May 2016
4. "Human cooperation", Human Computation & Crowdsourcing (HCOMP), San Diego CA November 2015
5. "Habits of virtue and the Social Heuristics Hypothesis", International Conference on Social Dilemmas, Hong Kong, June 2015
6. "Habits of virtue and norms of prosociality", Behavioral Ethics Conference, University of Central Florida, Orlando FL, Feb 2014
7. "Constructing and living in a cooperative world", International Symposium on Economics in a Complex World: Networks and Agents, Madrid Spain September 2012

Invited talks

8. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Department of Experimental Psychology, University College London, UK December 2016
9. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Psychology and Behavioral Science Colloquium, London School of Economics, UK December 2016
10. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Cognitive Science Colloquium, University of Maryland, College Park MD November 2016
11. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Psychology Department, Cornell University, Ithaca NY October 2016
12. "Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation", Arison School of Business, Israel July 2016
13. "Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation", King's College, London UK June 2016
14. "Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation", Middlesex College, London UK June 2016
15. "The cognitive underpinnings of human cooperation", Brain & Cognitive Sciences, MIT, Cambridge MA May 2016
16. "Intuition, deliberation, and human cooperation", Positive Psychology Center, University of Pennsylvania, Philadelphia PA April 2016
17. "Human cooperation", Inspiring Yale, Yale University, New Haven CT March 2016
18. "Human cooperation", Environmental Economics Seminar, Yale University, New Haven CT February 2016
19. "Intuition, deliberation, and human cooperation", Marketing Seminar, Sloan School, MIT, Cambridge MA February 2016
20. "Evolution of intuitive cooperation and rational self-interest", CLIPS, Brown University September 2015
21. "Fostering purposeful prosociality", New Paths to Purpose capstone meeting, Booth School of Business, University of Chicago June 2015
22. "Habits of virtue & social heuristics; Or, where do social preferences come from?", Social Dilemmas Conference, Brown University, Providence RI May 2015
23. "Habits of virtue and the role of social heuristics in human cooperation", Organization Studies Seminar, Sloan School, MIT, Cambridge MA April 2015
24. "Habits of virtue and the role of social heuristics in human cooperation", Marketing Seminar, Sloan School, MIT, Cambridge MA April 2015

25. “Habits of virtue and social heuristics: Where do social preferences come from?” Organizational Economics Working Group, National Bureau of Economic Research, Cambridge MA April 2015
26. “Intuitive prosociality”, Motivation and Emotion Science Symposium, Private SPSP Preconference February 2015
27. “Human cooperation”, Social Psychology Brown Bag, UMass Amherst February 2015
28. “Social heuristics: The role of intuition in cooperation & punishment”, Conference on Cognitive Control and Social Decision Making, Toulouse School of Economics, France, January 2015
29. “Social heuristics: Intuition versus deliberation & cooperation”, Cognition and Perception Seminar, New York University, November 2014
30. “Human cooperation”, Oxford University Press PsychTalk, November 2014
31. “Human cooperation”, Behavioral Economics and Philanthropy Conference, Harvard Kennedy School, November 2014
32. “Automatic social prospection”, Prospection in Social Life Conference, Barcelona Spain, October 2014
33. “Promoting human cooperation and building habits of virtue”, Decision Processes Colloquium, Wharton School, University of Pennsylvania, September 2014
34. “Harnessing network effects to promote human cooperation”, Yale Institute for Network Science, September 2014
35. “Social heuristics and habits of virtue: the roles of intuition and deliberation in prosociality”, New Frontiers in Behavioral and Experimental Economics Workshop, Zurich, August 2014
36. “Institutions and Purpose: How Rules ‘Crowd In’ or ‘Crowd Out’ Purposeful Prosociality”, Booth School of Business, University of Chicago, June 2014
37. “Cooperation on social networks”, Invited Symposium, Association for Psychological Science, Berkeley CA, May 2014
38. “Spontaneous giving and calculated greed: the automatic psychology of cooperation”, Psychology Department Colloquium, Smith College, April 2014
39. “Strategies used in noisy repeated games: experimental evidence”, Economics Micro Theory Lunch, Yale University, March 2014
40. “Intuitive cooperation and habits of virtue”, Moral Philosophy Workshop, Yale University, Feb 2014
41. “Slow to anger and fast to forgive: cooperation in an uncertain world”, Cooperation and Competition Pre-conference, SPSP, Austin TX, Feb 2014
42. “Intuitive cooperation and habits of virtue”, NIH Intramural Research Program, Bethesda MD, Jan 2014
43. “Habits of virtue and norms of prosociality”, Compassion Research Day, Facebook HQ, December 2013
44. “Habits of virtue: Creating norms of cooperation and defection in the laboratory”, Economics/Strategy Seminar, Rady School of Management, UC San Diego, November 2013
45. “Intuitive Cooperation and Habits of Virtue”, Behavioral & Cognitive Neuroscience Seminar, Columbia University, October 2013
46. “Intuitive Cooperation and the Social Heuristics Hypothesis”, Affective Brain Lab, University College London, October 2013
47. “Why we cooperate”, Social Cognition Brownbag, Brown University, October 2013
48. “Understanding human social behavior via data generation”, Day of Data, Yale University, September 2013
49. “Why we cooperate”, Social Psychology Seminar, Yale University, September 2013
50. “Habits of virtue: Creating norms of cooperation and defection in the laboratory”, Workshop on Experimental Game Theory, Stony Brook NY, July 2013
51. “Engineering cultures of cooperation”, Strategy Research Initiative, Columbia Business School, June 2013
52. “Institutions build intuitions: Evolving cultures of cooperation and defection in the laboratory”, Behavioral and Experimental Economics Seminar, Department of Economics, Harvard University, April 2013
53. “Designing and living in a cooperative world”, Learning Innovations Laboratory, Harvard Graduate School of Education, March 2013
54. “Spontaneous giving and calculated greed”, Department of Psychology, New York University, March 2013
55. “Spontaneous giving and calculated greed”, Media Lab, Massachusetts Institute of Technology, March 2013
56. “Spontaneous giving and calculated greed”, Department of Psychology, Northeastern University, February 2013
57. “Spontaneous giving and calculated greed”, Center for Collective Intelligence, Massachusetts Institute of Technology, February 2013

58. "Creating & destroying norms of cooperation in the lab", Biological Anthropology, Yale University, February 2013
59. "Spontaneous giving and calculated greed", Evolution of Religion, Cooperation and Morality thematic series, University of British Columbia, November 2012
60. "Designing and living in a cooperative world", PopTech Conference, Camden ME, October 2012 **[PopTech Science Fellow]**
61. "Cooperation and norm enforcement across cultures", European Policies from a Behavioral Economics Perspective, European Commission Joint Research Centre, Ispra Italy, September 2012
62. "Constructing and living in a cooperative world", Management Leadership and Decision Sciences seminar, Kennedy School of Government, Harvard University, February 2012
63. "Constructing and living in a cooperative world", Department of Psychology, Harvard University, January 2012
64. "Cooperation in an uncertain world", Social and Decision Sciences, Carnegie Mellon University, January 2012
65. "Constructing and living in a cooperative world", Department of Psychology, Princeton University, January 2012
66. "Constructing and living in a cooperative world", Negotiation Organizations and Markets seminar, Harvard Business School, January 2012
67. "Constructing and living in a cooperative world", Kellogg School of Management, Northwestern University, January 2012
68. "Cooperation in an uncertain world", Booth School of Business, University of Chicago, January 2012
69. "Constructing and living in a cooperative world", Department of Psychology, Yale University, December 2011
70. "Constructing and living in a cooperative world", School of Management, Yale University, December 2011
71. "The evolution of antisocial punishment", The Foundations of Moral Preferences, Centre for the Study of Mind in Nature, University of Oslo, November 2011
72. "Reward, punishment, and the maintenance of large-scale cooperation", Center for Human Science, Chapel Hill NC, October 2011
73. "Reward, punishment and the evolution of cooperation", Virtual Brownbag webinar series on culture, conflict, and collaboration, hosted by Department of Psychology, University of Maryland, Oct 2011
74. "Cooperation and spite: an evolutionary game theoretic perspective", Psychology Department, Princeton University, September 2011
75. "Punishment, spite and the evolution of cooperation", Complex Systems Seminar, Northwestern University, September 2011
76. "How online labor markets are revolutionizing innovation and discovery in the social sciences", Innovation and Economic Growth: Exploring the Origins and Effects of Innovative Behavior, Gruter Institute for Law, Brain and Behavior, Squaw Valley, May 2011
77. "The personal is political: private interactions can support public goods", Law and Human Behavior, Gruter Institute for Law, Brain and Behavior, Squaw Valley, May 2011
78. "Slow to anger and fast to forgive: cooperation in an uncertain world", Max Plank Institute for Research on Collective Goods, April 2011
79. "The evolutionary dynamics of human cooperation", Applied Mathematics Colloquium, Massachusetts Institute of Technology, March 2011
80. "Reward, punishment and the evolution of human cooperation", New England Complex Systems Institute / MIT Engineering Systems Division Seminar, Massachusetts Institute of Technology, March 2011
81. "Reward, punishment and the evolution of cooperation", Coping with Crises in Complex Socio-Economic Systems Seminar, ETH Zurich, March 2011
82. "Reward, punishment and the evolution of cooperation", Human Evolutionary Biology department colloquium, Harvard University, November 2010
83. "Reward, punishment and public goods", Experimental Economics Seminar, George Mason University, November 2010
84. "Slow to anger and fast to forgive: cooperation in an uncertain world", Behavioral and Experimental Economics Seminar, Harvard University, November 2010

85. "The online laboratory: taking experimental social science onto the internet", Berkman Center for Internet & Society Luncheon Series, Harvard University
86. "The evolution of anti-social punishment", The Nature of Preferences and Decision-Making, The Tinbergen Institute, University of Amsterdam, September 2010
87. "Reward, punishment and the evolution of cooperation", Department of Complex Systems Seminar, University of Michigan, September 2010
88. "A genetic basis of serial entrepreneurship", Innovation and Economic Growth, Lake Tahoe NV, May 2010
89. "Slow to anger and fast to forget: leniency and forgiveness in an uncertain word", Law, Behavior and the Brain, Gruter Institute for Law and Behavioral Research, Lake Tahoe NV, May 2010
90. "The evolution of cooperation, and what it can teach us about mortality", Moral Biology Conference, Harvard Law School, April 2010
91. "Reward, punishment and the provisioning of public goods", Critical Perspectives on Law and Economics Seminar, University of Minnesota Law School, March 2010
92. "Winners don't punish", Department of Mathematics Seminar, Wilfrid Laurier University, Waterloo Canada, March 2010
93. "Human cooperation, an evolutionary perspective", Behavioral Economics & Decision Research Seminar, Cornell University, February 2010
94. "The evolutionary dynamics of altruistic cooperation", Applied Mathematics Colloquium, Cornell University, February 2010
95. "Rewards outperform punishment for promoting public cooperation", Museum of Comparative Zoology Lunch Series, Harvard University, October 2009
96. "Winners don't punish", International Symposium on Complex Networks and Evolutionary Dynamics, Xidian University, Xi'an, China, October 2009
97. "Winners don't punish", Conference on Evolutionary Dynamics, Peking University, Beijing, Oct 2009
98. "When can genetics teach us about human behavior, and do we really want to know?", Science Friends-of-O'Reilly Camp, Google, Mountain View CA, July 2009
99. "In-group bias and the evolution of cooperation", Law, Behavior and the Brain, Gruter Institute for Law and Behavioral Research, Lake Tahoe NV, May 2009
100. "Anti-social punishment and the evolution of cooperation", Plants and the evolution of cooperation and trading, Harvard Plant Biology Symposium, Cambridge MA, May 2009
101. "When do nice guys really finish first?" International Society for Performance Improvement, Orlando FL, April 2009 **[Funded guest speaker]** - Average rating by participants 4.8/5
102. "Winners don't punish", Mind Brain and Behavior Seminar, Harvard University, November 2008
103. "Modeling the evolution of cooperation", Modeling Social Behavior, National Institutes of Health, Bethesda MD, November 2008
104. "Winners don't punish", Japanese Society for Mathematical Biology, Kyoto University, Kyoto, Japan, September 2008
105. "Winners don't punish", 12th Experimental Social Sciences Conference, Tokyo Institute of Technology, Ookayama, Japan, September 2008
106. "Winners don't punish", Law Behavior and the Brain, Gruter Institute for Law and Behavioral Research, Lake Tahoe NV, May 2008
107. "Altruism, Cooperation and Evolution", Boston Museum of Science, November 2007
108. "Punishment and cooperation in the Prisoner's Dilemma", Research Opportunities in Mathematical Evolution Colloquium, Harvard University, March 2007

Conference talks

109. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Society for Judgement and Decision-Making, Boston MA, November 2016
110. "Social heuristics and habits of virtue", Association for Psychological Science, New York NY, May 2015
111. "The Evolution of Intuitive Cooperation", Society for Personality and Social Psychology, Long Beach CA, Feb 2015
112. "Habits of Virtue: Creating Norms of Cooperation and Defection in the Laboratory", Society for Personality and Social Psychology, Austin TX, Feb 2014

113. “Institutions build intuitions: Evolving cultures of cooperation and defection in the laboratory”, Society for Experimental Social Psychology, UC Berkeley, September 2013
114. “Spontaneous giving and calculated greed”, Society for Personality and Social Psychology 2013, New Orleans, January 2013
115. “Reward, punishment, and the maintenance of large-scale cooperation”, Society of Experimental Social Psychology, Washington DC, October 2011
116. “Slow to anger and fast to forgive: cooperation in an uncertain world”, Economic Science Association International Meeting 2011, University of Chicago, July 2011
117. “Noise, heterogeneity and the evolution of human cooperation”, Eighth International Conference on Complex Systems, Boston, June 2011
118. “Reward and punishment in repeated games: experimental evidence”, 14th International Symposium on Dynamic Games and Applications, Banff Canada, June 2010 [Best Student Presentation Award winner]
119. “The evolution of anti-social punishment”, 14th International Symposium on Dynamic Games and Applications, Banff Canada, June 2010
120. Eastern Regional Photosynthesis Conference, Woods Hole MA, April 2004
121. Eastern Regional Photosynthesis Conference, Woods Hole MA, April 2003