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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 *Massachusetts Institute of Technology*
2021- Professor of Management Science, Sloan School
2019- Erwin H. Schell Professorship
2018- Associate Professor (tenured) of Management Science, Sloan School
2018- Secondary appointment, Department of Brain and Cognitive Sciences
2018- Affiliated faculty, Institute for Data, Systems, and Society

Yale University
2017-2018 Associate Professor (tenured) – Psychology Department
2016-2017 Associate Professor (untenured) – Psychology Department
2013-2016 Assistant Professor – Psychology Department
2013-2018 Appointment by courtesy, Economics Department
2013-2018 Appointment by courtesy, School of Management
2013-2018 Cognitive Science Program
2013-2018 Institution for Social and Policy Studies
2013-2018 Yale Institute for Network Science

Applied Cooperation Team (ACT)
2013- Director

Harvard University
2012-2013 Postdoctoral Fellow – Psychology Department
2011 Lecturer – Human Evolutionary Biology Department
2010-2012 FQEB Prize Fellow – Psychology Department
2009-2013 Research Scientist – Program for Evolutionary Dynamics
2009-2011 Fellow – Berkman Center for Internet & Society
2006-2009 Ph.D. Student – Systems Biology

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]

- Allen J, Arechar AA, Pennycook G, **Rand DG** (In press) Scaling up fact-checking using the wisdom of crowds. *Science Advances*.
- Pink S, Chu JY, Druckman JN, **Rand DG**, Willer R (In press) Elite Party Cues Increase Vaccination Intentions among Republicans. *PNAS*.
- Mosleh M, Martel C, Eckles D, **Rand DG** (2021) Perverse Consequences of Debunking in a Twitter Field Experiment: Being Corrected for Posting False News Increases Subsequent Sharing of Low Quality, Partisan, and Toxic Content. *CHI'21*.
- Brashier NM, Pennycook G, Berinsky AJ, **Rand DG** (2021) Timing Matters When Correcting Fake News. *PNAS*. doi:10.1073/pnas.2020043118
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- Mosleh M, Martel C, Eckles D, **Rand DG** (2021) Shared Partisanship Dramatically Increases Social Tie

- Formation in a Twitter Field Experiment. *PNAS*. 118 (7) e2022761118; doi:10.1073/pnas.2022761118
- Pennycook G*, Epstein Z*, Mosleh M*, Arechar AA, Eckles D, **Rand DG**. (2021) Shifting attention to accuracy reduces online misinformation. *Nature*. doi:10.1038/s41586-021-03344-2
- Pennycook G, **Rand DG** (2021) The psychology of fake news. *Trends in Cognitive Sciences* doi:10.1016/j.tics.2021.02.007
- Bago B, **Rand DG**, Pennycook G (2020) Fake news, fast and slow: Deliberation reduces belief in false (but not true) news headlines. *Journal of Experimental Psychology: General*. doi:10.1037/xge0000729
- Epstein Z, Pennycook G, **Rand DG** (2020) Will the crowd game the algorithm? Using layperson judgments to combat misinformation on social media by downranking distrusted sources. *CHI'20* doi:10.1145/3313831.3376232
- Finkel EJ, Bail CA, Cikara M, Ditto PH, Iyengar S, Klar S, Mason L, McGrath MC, Nyhan B, **Rand DG**, Skitka LJ, Tucker JA, Van Bavel JJ, Wang CS, Druckman JN (2020) Political sectarianism in America: A poisonous cocktail of othering, aversion, and moralization. *Science*. DOI:10.1126/science.abe1715
- Mosleh M, Kyker K, Cohen JD, **Rand DG** (2020) Globalization and the Rise and Fall of Cognitive Control. *Nature Communications*. 11, 3099
- Pennycook G, McPhetres J, Zhang Y, Lu J, **Rand DG** (2020) Fighting COVID-19 misinformation on social media: Experimental evidence for a scalable accuracy nudge intervention. *Psychological Science*. doi:10.1177/0956797620939054
- Pennycook G, Bear A, Collins E, **Rand DG** (2020) The Implied Truth Effect: Attaching warnings to a subset of fake news headlines increases perceived accuracy of headlines without warnings. *Management Science*. doi:10.1287/mnsc.2019.3478
- Tappin BM, Pennycook G, **Rand DG** (2020) Rethinking the link between cognitive sophistication and identity-protective bias in political belief formation. *Journal of Experimental Psychology: General*. <https://doi.org/10.1037/xge0000974>
- Stewart A, Mosleh M, Diakonova M, Arechar AA, **Rand DG**, Plotkin J (2019) Information gerrymandering and undemocratic decisions. *Nature*. doi:10.1038/s41586-019-1507-6
- Pennycook G, **Rand DG** (2019) Fighting misinformation on social media using crowdsourced judgments of news source quality. *PNAS*. doi:10.1073/pnas.1806781116
- Pennycook G., **Rand DG** (2019) Lazy, not biased: Susceptibility to partisan fake news is better explained by lack of reasoning than by motivated reasoning. *Cognition*. doi: 10.1016/j.cognition.2018.06.011
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- Pennycook G, Cannon T, **Rand DG** (2018) Prior Exposure Increases Perceived Accuracy of Fake News. *Journal of Experimental Psychology: General*. doi:10.1037/xge0000465
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- 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
- Rand DG**, Tomlin D, Bear A, Ludvig EA, Cohen JD (2017) Cyclical population dynamics of automatic versus controlled processing: An evolutionary pendulum. *Psychological Review*, **124**, 626-642.
- 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.
- Jordan JJ, Hoffman M, Nowak MA, **Rand DG** (2016) Uncalculating cooperation is used to signal trustworthiness. *PNAS*, **113** 8658-8663.
- 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.
- 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 Experimental Psychology: General*, **145** 389-396.
- Evans AM, Dillon KD, **Rand DG** (2015) Fast but not intuitive, slow but not reflective: Decision conflict drives reaction times in social dilemmas. *Journal of Experimental Psychology: General*, **144** 951-966.
- Nishi A, Shirado H, **Rand DG**, Christakis NA (2015) Inequality and visibility of wealth in experimental social networks. *Nature*, **526** 426–429.
- Gray K*, **Rand DG***, Ert E, Hershman S, Norton MI (2014) The emergence of “Us and Them” in 80 lines of code: Modeling group genesis in homogeneous populations. *Psychological Science*, **25** 982-990.
- Hauser OP*, **Rand DG***, Peysakhovich A, Nowak MA (2014). Cooperating with the future. *Nature*, **511** 220-223.
- Peysakhovich A, Nowak MA, **Rand DG** (2014) Humans display a “Cooperative Phenotype” that is domain general and temporally stable. *Nature Communications*, **5** 4939.
- Rand DG***, Peysakhovich A*, Kraft-Todd GT, Newman GE, Wurzbacher O, Nowak MA, Greene JD (2014) Social heuristics shape intuitive cooperation. *Nature Communications*, **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.
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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. Allen J, Arechar AA, Pennycook G, **Rand DG** (In press) Scaling up fact-checking using the wisdom of crowds. *Science Advances*.
2. Pink S, Chu JY, Druckman JN, **Rand DG**, Willer R (In press) Elite Party Cues Increase Vaccination Intentions among Republicans. *PNAS*.
3. Peysakhovich A, **Rand DG** (In press) Machine learning as a tool for principled investigation of experimental moderators: A case study using in-group favoritism caused by Pokémon Go. *Scientific Reports*.
4. Rosenzweig LR, Bago B, Berinsky AJ, **Rand DG** (In press) Happiness and surprise are associated with worse truth discernment of COVID-19 headlines among social media users in Nigeria. *HKS Misinformation Review*.
5. Van Lange PAM, **Rand DG** (In press) Human Cooperation and the Crises of Climate Change, COVID-19, and Misinformation. *Annual Review of Psychology*.

6. Arechar A, **Rand DG**. Turking in the time of COVID (2021) *Behavior Research Methods*. doi:10.3758/s13428-021-01588-4
7. Brashier NM, Pennycook G, Berinsky AJ, **Rand DG** (2021) Timing Matters When Correcting Fake News. *PNAS*. doi:10.1073/pnas.2020043118
8. Epstein Z, Berinsky A, Cole R, Gully A, Pennycook G, **Rand DG** (2021) Developing an accuracy-prompt toolkit to reduce COVID-19 misinformation online. *HKS Misinformation Review*.
9. Jahanbakhsh F, Zhang A, Pennycook G, **Rand DR**, Karger D (2021) Exploring Lightweight Interventions at Posting Time to Reduce the Sharing of Misinformation on Social Media. *CSCW 2021*. <https://doi.org/10.1145/3449092>
10. Kraft-Todd GT, **Rand DG** (2021) Practice What You Preach: Credibility-Enhancing Displays and the Growth of Open Science. *Organizational Behavior and Human Decision Processes*, 164, 1-10.
11. Martel C, Mosleh M, **Rand DG** (2021) You're definitely wrong, maybe: Correction style has minimal effect on corrections of misinformation online. *Media and Communication*. doi:10.17645/mac.v9i1.3519
12. McPhetres J, **Rand DG**, Pennycook G (2021) Character Deprecation in Fake News: Is it in Supply or Demand? *Group Processes & Intergroup Relations*.
13. Mosleh M, Arechar AA, Pennycook G, **Rand DG** (2021) Cognitive reflection correlates with behavior on Twitter. *Nature Communications*. 12(921) doi:10.1038/s41467-020-20043-0
14. Mosleh M, Martel C, Eckles D, **Rand DG** (2021) Shared Partisanship Dramatically Increases Social Tie Formation in a Twitter Field Experiment. *PNAS*. 118 (7) e2022761118; doi:10.1073/pnas.2022761118
15. Mosleh M, Martel C, Eckles D, **Rand DG** (2021) Perverse Consequences of Debunking in a Twitter Field Experiment: Being Corrected for Posting False News Increases Subsequent Sharing of Low Quality, Partisan, and Toxic Content. *CHI'21*. <https://dl.acm.org/doi/10.1145/3411764.3445642>
16. Pennycook G, Binnendyk J, Newton C, **Rand DG** (2021) A practical guide to doing behavioural research on fake news and misinformation. *Collabra: Psychology*. <https://doi.org/10.1525/collabra.25293>
17. Pennycook G*, Epstein Z*, Mosleh M*, Arechar AA, Eckles D, **Rand DG**. (2021) Shifting attention to accuracy can reduce misinformation online. *Nature*. doi:10.1038/s41586-021-03344-2
18. Pennycook G, McPhetres J, Bago B, **Rand DG** (2021) Beliefs about COVID-19 in Canada, the U.K., and the U.S.A.: A novel test of political polarization and motivated reasoning. *Personality and Social Psychology Bulletin*. <https://doi.org/10.1177/01461672211023652>
19. Pennycook G, **Rand DG** (2021) The psychology of fake news. *Trends in Cognitive Sciences*. doi:10.1016/j.tics.2021.02.007
20. Pennycook G, **Rand DG** (2021) Examining false beliefs about voter fraud in the wake of the 2020 Presidential Election. *HKS Misinformation Review*. doi:10.37016/mr-2020-51
21. Ross R, **Rand DG**, Pennycook G. (2021) Beyond "Fake News": Analytic thinking and the detection of false and hyperpartisan news headlines. *Judgment and Decision-Making*, 16(2): 484-504.
22. Bago B, **Rand DG**, Pennycook G (2020) Fake news, fast and slow: Deliberation reduces belief in false (but not true) news headlines. *Journal of Experimental Psychology: General*. doi:10.1037/xge0000729
23. Dias N, Pennycook G, **Rand DG** (2020) Emphasizing publishers does not effectively reduce susceptibility to misinformation on social media. *Misinformation Review*. doi:10.37016/mr-2020-001
24. Epstein Z, Levine S, **Rand DG**, Rahwan I (2020) Who gets credit for AI-generated art? *iScience*. doi:10.1016/j.isci.2020.101515
25. Epstein Z, Pennycook G, **Rand DG** (2020) Will the crowd game the algorithm? Using layperson judgments to combat misinformation on social media by downranking distrusted sources. *CHI 2020* doi:10.1145/3313831.3376232
26. Finkel EJ, Bail CA, Cikara M, Ditto PH, Iyengar S, Klar S, Mason L, McGrath MC, Nyhan B, **Rand DG**, Skitka LJ, Tucker JA, Van Bavel JJ, Wang CS, Druckman JN (2020) Political sectarianism in America: A poisonous cocktail of othering, aversion, and moralization. *Science*. doi:10.1126/science.abe1715
27. Georg S, **Rand DG**, Walkowitz G (2020) Framing Effects in the Prisoner's Dilemma but not in the Dictator Game. *Journal of the Economic Science Association*, 6, 1-12
28. Lewandowsky S, Cook J, Ecker UKH, Albarracín D, Amazeen MA, Kendeou P, Lombardi D, Newman EJ, Pennycook G, Porter E, **Rand DG**, Rapp DN, Reifler J, Roozenbeek J, Schmid P, Seifert CM, Sinatra GM, Swire-Thompson B, van der Linden S, Vraga EK, Wood TJ, Zaragoza MS (2020) The Debunking Handbook 2020. Available at <https://sks.to/db2020>. doi: 10.17910/b7.1182
29. Martel C, Pennycook G, **Rand DG** (2020) Reliance on emotion promotes belief in fake news. *Cognitive Research: Principles and Implications*, 5, 47 doi:10.1186/s41235-020-00252-3

30. Mosleh M, Kyker K, Cohen JD, **Rand DG** (2020) Globalization and the Rise and Fall of Cognitive Control. *Nature Communications*. 11, 3099
31. Mosleh M, Pennycook G, **Rand DG** (2020) Self-reported willingness to share political news articles in online surveys correlates with actual sharing on Twitter. *PLOS ONE* 15(2): e0228882
32. Mosleh M, Stewart A, Plotkin J, **Rand DG** (2020) Prosociality in an economic Dictator Game is associated with less parochialism and greater willingness to vote for intergroup compromise. *Judgment and Decision Making* 15(1): 1-6.
33. Pasquetto IV, et al (2020) Tackling misinformation: What researchers could do with social media data. *HKS Misinformation Review*. doi:10.37016/mr-2020-49
34. Pennycook G, Bear A, Collins E, **Rand DG** (2020) The Implied Truth Effect: Attaching warnings to a subset of fake news headlines increases perceived accuracy of headlines without warnings. *Management Science*. doi:10.1287/mnsc.2019.3478
35. Pennycook G, McPhetres J, Zhang Y, Lu J, **Rand DG** (2020) Fighting COVID-19 misinformation on social media: Experimental evidence for a scalable accuracy nudge intervention. *Psychological Science*. doi:10.1177/0956797620939054
36. Tappin B, Pennycook G, **Rand DG** (2020) Thinking clearly about causal inferences of politically motivated reasoning: Why paradigmatic study designs often prevent causal inference. *Current Opinion in Behavioral Sciences* 34: 81-87.
37. Tappin BM, Pennycook G, **Rand DG** (2020) Bayesian or biased? Analytic thinking and political belief updating. *Cognition*.
38. Tappin BM, Pennycook G, **Rand DG** (2020) Rethinking the link between cognitive sophistication and identity-protective bias in political belief formation. *Journal of Experimental Psychology: General*. <https://doi.org/10.1037/xge0000974>
39. Van Bavel et al. (2020) Using social and behavioural science to support COVID-19 pandemic response. *Nature Human Behaviour*. doi:10.1038/s41562-020-0884-z
40. Almaatouq AM, Kraft P, Dunham Y, **Rand DG**, Pentland AS (2019) Turkers of the World Unite: Multilevel In-Group Bias Amongst Crowdworkers On Amazon Mechanical Turk. *Social Psychology and Personality Science*. doi:10.1177/1948550619837002
41. Bear A, **Rand DG** (2019) Can strategic ignorance explain the evolution of love? *Topics in Cognitive Science*. <https://doi.org/10.1111/tops.12342>
42. Bronstein MV, Pennycook G, Bear A, **Rand DG**, Cannon TD (2019) Belief in Fake News is Associated with Delusionality, Dogmatism, Religious Fundamentalism, and Reduced Analytic Thinking. *Journal of Applied Research in Memory & Cognition*. doi:10.1016/j.jarmac.2018.09.005
43. Capraro V, Schulz J, Rand DG (2019) Time Pressure Increases Honesty in a Deception Game. *Journal of Behavioral and Experimental Economics*. doi:10.1016/j.socec.2019.01.007
44. De keersmaecker J, Dunning D, Pennycook G, **Rand DG**, Sanchez C, Unkelbach C, Roets A (2019) Investigating the robustness of the illusory truth effect across individual differences in cognitive ability, need for cognitive closure, and cognitive style. *Personality and Social Psychology Bulletin*.
45. Dunham Y, Arechar AA, **Rand DG** (2019) From Foe to Friend and Back Again: The Temporal Dynamics of Intra-Party bias in the 2016 U.S. Presidential Election. *Judgment and Decision-Making*.
46. Fazio L, Pennycook G, **Rand DG** (2019) Repetition increases perceived truth equally for plausible and implausible statements. *Psychonomic Bulletin & Review*. doi:10.3758/s13423-019-01651-4
47. Hauser OP, Kraft-Todd GT, **Rand DG**, Nowak MA, Norton M (2019) The Positive Individual and Group Consequences from Revealing Inequality. *Behavioural Public Policy*. doi:10.1017/bpp.2019.4
48. Jordan JJ, **Rand DG** (2019) Signaling When No One Is Watching: A Reputation Heuristics Account of Outrage and Punishment in One-shot Anonymous Interactions. *Journal of Personality and Social Psychology*. doi:10.1037/pspi0000186
49. Jordan MR, Dickens WT, Hauser OP, **Rand DG** (2019) The role of inequity aversion in microloan defaults. *Behavioural Public Policy*. doi:10.1017/bpp.2019.29
50. Köbis NC, Verschuere B, Bereby-Meyer Y, **Rand DG**, Shalvi S. (2019) Intuitive honesty versus dishonesty: Meta-analytic evidence. *Perspectives on Psychological Science*. doi:10.1177/1745691619851778
51. Kraft-Todd GT, **Rand DG** (2019) Rare and costly prosocial behaviors are perceived as heroic. *Frontiers in Psychology*. doi:10.3389/fpsyg.2019.00234
52. Littman R, Estrada S, Stagnaro MN, Dunham Y, **Rand DG**, Baskin-Sommers A (2019) Community Violence and Prosociality: Experiencing and Committing Violence Predicts Norm-Enforcing Punishment but Not Cooperation. *Social Psychology and Personality Science*.

53. Martin JW*, Jordan JJ*, **Rand DG**, Cushman F (2019) When do we punish people who don't? *Cognition*. doi:10.1016/j.cognition.2019.104040
54. Pennycook G, **Rand DG** (2019) Fighting misinformation on social media using crowdsourced judgments of news source quality. *PNAS*. doi:10.1073/pnas.1806781116
55. Pennycook G, **Rand DG** (2019) Who Falls for Fake News? The Roles of Bullshit Receptivity, Overclaiming, Familiarity, and Analytic Thinking. *Journal of Personality*. doi:10.1111/jopy.12476
56. Pennycook G, **Rand DG** (2019) Cognitive reflection and the 2016 U.S. Presidential Election *Personality and Social Psychology Bulletin*. doi:10.1177/0146167218783192
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59. Stagnaro MN, Arechar AA, **Rand DG** (2019) Are those who believe in God actually more prosocial? *Religion, Brain and Behavior*.
60. Stagnaro MN, Ross RM, Pennycook G, **Rand DG** (2019) Cross-cultural support for a link between analytic thinking and disbelief in God: Evidence from India and the United Kingdom. *Judgment and Decision-Making*.
61. Stewart A, Mosleh M, Diakonova M, Arechar AA, **Rand DG**, Plotkin J (2019) Information gerrymandering and undemocratic decisions. *Nature*. doi: 10.1038/s41586-019-1507-6
62. Yoeli E, Rathauer J, Bhanot S, Kimenyi M, Mailu E, Masini E, Owiti P, **Rand DG** (2019) Mobile Self-verification and Support to Augment Tuberculosis Treatment. *New England Journal of Medicine*. doi: 10.1056/NEJMc1806550
63. Amir D, Jordan MR, **Rand DG** (2018) An Uncertainty Management Perspective on Long-Run Impacts of Adversity: The Influence of Childhood Socioeconomic Status on Risk, Time, and Social Preferences. *Journal of Experimental Social Psychology*. doi: 10.1016/j.jesp.2018.07.014
64. Arechar AA, Kouchaki M, **Rand DG** (2018) Examining spillovers between long and short repeated Prisoner's Dilemma games played in the laboratory. *Games*, **9**, 5; doi:10.3390/g9010005.
65. Bhanot SP, Kraft-Todd GT, **Rand DG**, Yoeli E (2018) Putting Social Rewards and Identity Salience to the Test: Evidence from a Field Experiment on Teachers in Philadelphia. *Journal of Behavioral Public Administration*, **1**, 1-8.
66. Capraro V, **Rand DG** (2018) Do the Right Thing: Experimental evidence that preferences for moral behavior, rather than equity or efficiency per se, drive human prosociality. *Judgment and Decision-Making*, **13** 99-111.
67. Evans AM, **Rand DG** (2018) Cooperation and decision time. *Current Opinion in Psychology*. doi: <https://doi.org/10.1016/j.copsyc.2018.05.007>
68. Jordan MR, **Rand DG** (2018) The Role of Character Strengths in Economic Decision-Making. *Judgment and Decision-Making*.
69. Kraft-Todd GT, Bollinger B, Gillingham K, Lamp S, **Rand DG** (2018) Credibility-Enhancing Displays Promote the Provision of Non-Normative Public Goods. *Nature*. doi:10.1038/s41586-018-0647-4
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71. Pennycook G, Cannon T, **Rand DG** (2018) Prior Exposure Increases Perceived Accuracy of Fake News. *Journal of Experimental Psychology: General*. doi:10.1037/xge0000465
72. Mosleh M, **Rand DG** (2018) Structured populations promote the evolution of intuitive cooperation and inhibit deliberation. *Scientific Reports*, doi:10.1038/s41598-018-24473-1
73. Reiter JG, Hilbe C, **Rand DG**, Chatterjee K, Nowak MA (2018) Crosstalk in concurrent repeated games impedes direct reciprocity and requires stronger levels of forgiveness. *Nature Communications*, **9**, 555.
74. Stagnaro MN, Pennycook G, **Rand DG** (2018) Performance on the Cognitive Reflection Test is stable across time. *Judgment and Decision-Making*.
75. Verschuere B, Kobis N, Bereby-Meyer Y, **Rand DG**, Shalvi S (2018) Taxing the brain to uncover lying? Meta-analyzing the effect of cognitive load on the reaction time costs of lying. *Journal of Applied Research in Memory & Cognition*. doi:10.1016/j.jarmac.2018.04.005
76. Whitaker RM, Colombo GB, **Rand DG** (2018) Indirect Reciprocity and the Evolution of Prejudicial Groups. *Scientific Reports*. doi:10.1038/s41598-018-31363-z
77. Arechar AA, Dreber A, Fudenberg D, **Rand DG** (2017) "I'm just a soul whose intentions are good": Communication in noisy repeated games. *Games and Economic Behavior*, doi:10.1016/j.geb.2017.06.013

78. Arechar AA, Kraft-Todd GT, **Rand DG** (2017) Turking Overtime: How Participant Characteristics and Behavior Vary Over Time and Day on Amazon Mechanical Turk. *J Econ Sci Assoc.* doi:10.1007/s40881-017-0035-0
79. 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
80. Eshghi S, Williams G, Colombo GB, Turner LD, **Rand DG**, Whitaker RM, Tassiulas L (2017) Stability and fracture of social groups. *Proceedings of the 55th Annual Allerton Conference on Communication, Control and Computing.*
81. 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
82. 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
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TEACHING EXPERIENCE

- Spring 2020, 15.847: Consumer behavior. MBA class, MIT Sloan. Student ratings (unofficial, due to COVID-19): mean, 6.1/7; mode 6/7
- Fall 2017, PSYC 162: Evolution of cooperation. Undergraduate class, Yale University. Student ratings: mean, 3.6/5; mode 4/5
- Spring 2017, PSYC 162: Evolution of cooperation. Undergraduate class, Yale University. Student ratings: mean, 4/5; mode 4.5/5

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

TRAINEES

Research scientists

Erez Yoeli (Ph.D. Economics, University of Chicago Booth School of Business) 2017 – present; MIT Research Scientist

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Rimma Teper (Ph.D. Social Psychology, University of Toronto), 2014 – 2015; Research consultant at Idea Couture

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Ph.D. students

Jennifer Allen, MIT Sloan. In progress.

Xi Cathy Chen, MIT Sloan. In progress.

Graelyn Humiston, MIT Sloan. In progress.

Cameron Martel, MIT Sloan. In progress.

Ziv Epstein, MIT Media Lab. In progress. [Jointly advised with Sandy Pentland]

Gordon Kraft-Todd, Yale Psychology. “The diffusion of moral innovations: Cultural learning processes spread novel forms of cooperation.” 2019; Boston College, post-doc.

M. Nicholas Stagnaro, Yale Psychology. “Building a wall around belief: Ideological communities, belief questioning and the suppression of deliberation.” 2018; Stanford University, post-doc.

Jillian J. Jordan, Yale Psychology. “Moralistic punishment as a costly signal of trustworthiness.” 2018; Harvard Business School tenure-track professor of Negotiation, Organizations, and Markets

Adam Bear, Yale Psychology. “The Nature and Limits of Consciousness.” 2018; Harvard University Research Scientist [Jointly advised with Paul Bloom]

- Oliver P. Hauser, Harvard Organismic and Evolutionary Biology. “Challenging Cooperation: Inequality, Global Commons, Future Generations.” 2016; University of Exeter Business School Associate Professor of Economics [Jointly advised with Martin Nowak]
- Michael L. Manapat, “Critical phenomena in evolutionary dynamics”, MIT Mathematics. 2010. [Advised under supervision of Martin Nowak]

Undergraduate senior thesis students

- Damla Ozdalga, “Fake News and Social Endorsement Cues: Do the Number of Likes, Shares and Comments Influence Engagement with Inaccurate News Articles?”, Yale Cognitive Science, Spring 2018.
- Michaela MacDonald, “Worker changes in effort and perceptions of fairness in response to leader management strategy”, Yale Cognitive Science, Spring 2018.
- Benjamin Sampson, “A House Divided: Examining Urban-Rural Differences in Americans’ Behaviors, Attitudes, and Beliefs”, Yale Economics, Spring 2018.
- Katelynn Kyker, “Evolutionary Population Dynamics of Automatic Versus Controlled Processing in Structured Populations”, Yale Computer Science and Psychology, Spring 2018.
- 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

- 2021 Poets&Quants Best 40-Under-40 Business School Professors
- 2020 Early Career Impact Award (Judgment and Decision Making), Federation of Associations in Behavioral and Brain Sciences
- 2020 AMA-EBSCO Responsible Research in Marketing award, for Kraft-Todd et al. “Credibility enhancing displays promote the provision of non-normative public goods”
- 2019 “Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation” named by Psychological Science as most cited paper 2016-2019.
- 2017 Poynter Institute International Fact-Checking Network’s *Researcher of the Year* (with Gord Pennycook)
- 2017 Clarivate Analytics 2017 Highly Cited Researchers List – Economics & Business

- 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

GRANT SUPPORT

- 2021 Alain Rossmann: "Quantifying the impact of misinformation" Gift given 05/2021, \$350,000
- 2021 National Science Foundation FAIN 2047152: "Promoting Accurate Information on Social Media", Adam Berinsky (PI), David Rand (Co-PI). 07/2021-06/2023, \$737,381
- 2021 Office of Naval Research N00014-21-1-2573: "Improving Group Decision-Making for Contentious Topics." David Rand (PI). 03/2021-02/2024, \$556,581.46
- 2021 TDF Foundation, gift given 03/2021, \$100,000.
- 2020 MIT Sloan Latin America Office Seed Funds Award, 12/2020, \$15,000.
- 2020 Google: "Research on Accuracy Priming." David Rand (PI). Gift Given 10/2020. \$147,811.
- 2020 Reset project of Omidyar Group's Luminate Project Limited. David Rand (PI). Gift given 9/2020. \$150,000.
- 2020 Google: "Cognitive Captcha Research." David Rand (PI). Gift Given 2/2020. \$100,000.
- 2019 National Science Foundation OAC-1939934: "Collaborative Research: From Brains to Society: Neural Underpinnings of Collective Behaviors Via Massive Data and Experiments." David Rand (PI). 10/2019-9/2021. \$398,311.
- 2019 William and Flora Hewlett Foundation: "Harnessing the wisdom of the crowd to identify misinformation online." David Rand (PI). Gift given 7/2019. \$300,000
- 2019 John Templeton Foundation #61061: "Reasoning in moral thought and action." Liane Young (PI), Fiery Cushman (PI), David Rand (Co-PI), Katherine McAuliffe (Co-PI). 1/2019 – 12/2021. \$2,743,961

- 2018 Ethics and Governance of AI Fund: “Understanding and combating misinformation and fake news online.” Gordon Pennycook (PI), David Rand (PI). 7/2018 – 6/2020. \$275,000
- 2017 DAIS ITA Biennial Program: “Fracture and Formation: Evolutionary and Psychological Modeling of Inter-Group Behavior.” Roger Whittaker (PI), David Rand (Co-PI). 1/2018 – 12/2019. \$359,871
- 2017 Templeton World Charity Foundation: “Co-evolution of cognitive processing, social behavior, and the Environment.” David Rand (PI). 12/2016 – 4/2019. \$193,522
- 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),... 10/2016 – 2/2020. \$1,144,756.81.
- 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). 8/2015-5/2016. \$248,079
- 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). 7/2015-6/2017. \$248,079.
- 2015 Templeton Science of Prospection Award: “Promoting cooperation with our future selves.” David Rand (PI). 1/2015-8/2016. \$100,000.
- 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). 1/2014-6/2015. \$65,550
- 2014 The VIA Institute on Character Strengths: “Developing a Theory of Character Strengths.” David Rand (PI). 1/2014-6/2017. \$91,794.89
- 2012 Foundational Questions in Evolutionary Biology initiative: “The evolution of cognitive complexity.” Joshua Green (PI) & David Rand (Co-Investigator). 10/2012-9/2014. \$159,742
- 2012 John Templeton Foundation: “The evolution of cooperation.” Martin Nowak (PI) & David Rand (Co-Investigator). 1/2013-12/2015. \$1,800,000.
- 2010 Foundational Questions in Evolutionary Biology Prize Post-Doctoral Fellowship. 7/2010-6/2012. \$160,000.
- 2007 National Science Foundation Graduate Research Fellowship Program. 8/2007-5/2010. \$90,000.

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, plenary talks, and colloquia

1. “Understanding and reducing the spread of misinformation online”, ICARE Chile, September 2020
2. “Understanding and reducing the spread of misinformation online”, Behavioral Science Colloquium, UT Austin, September 2020
3. “Fake news: Why we fall for it and what to do about it” Annenberg School of Communications, University of Pennsylvania, October 2019
4. “Understanding and combatting misinformation”, Latin-American Workshop on Experimental and Behavioral Social Science, Universidad de Santiago de Chile, December 2018
5. “Fake News: Who falls for it and what to do about it”, Society for the Advancement of Behavioral Economics 2018, Middlesex University, London July 2018
6. “Cooperation, fast and slow: The social heuristics hypothesis”, Intuition, Reasoning, and Prosocial Behavior SOCRATES Workshop, University of Pisa, Italy February 2017
7. “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
8. “Intuitive social heuristics and deliberative self-interest”, *Is Sin Original?* symposium, University of Amsterdam May 2016
9. “Human cooperation”, Human Computation & Crowdsourcing (HCOMP), San Diego CA November 2015
10. “Habits of virtue and the Social Heuristics Hypothesis”, International Conference on Social Dilemmas, Hong Kong, June 2015
11. “Habits of virtue and norms of prosociality”, Behavioral Ethics Conference, University of Central Florida, Orlando FL, Feb 2014
12. “Constructing and living in a cooperative world”, International Symposium on Economics in a Complex World: Networks and Agents, Madrid Spain September 2012

Invited talks

1. “Understanding and reducing the spread of misinformation online”, Max Plank Institute, Bonn Germany, November 2020
2. “Understanding and reducing the spread of misinformation online”, University of Pennsylvania, November 2020
3. “Understanding and reducing the spread of misinformation online”, Marketing group, Johns Hopkins Carey Business School, September 2020
4. “Understanding and reducing the spread of misinformation online”, Stanford Cyber Policy Center, July 2020
5. “Understanding and reducing the spread of misinformation online”, Institute for the Digital Economy conference, MIT May 2020
6. “Understanding and reducing the spread of misinformation online”, TikTok, April 2020
7. “Understanding and reducing the spread of misinformation online”, Exploring Media Ecosystems Conference, MIT, March 2020
8. “Understanding and reducing the spread of misinformation online”, Twitter, February 2020
9. “Understanding and reducing the spread of misinformation online”, Harvard Kennedy School, February 2020
10. “Understanding and reducing the spread of misinformation online”, Harvard Business School, December 2019
11. “Fake news: Why we fall for it and what to do about it”, Harvard Kennedy School, April 2019
12. “Fake news: Why we fall for it and what to do about it”, Department of Brain and Cognitive Sciences, MIT, April 2019
13. “Fake news: Why we fall for it and what to do about it”, Naveen Jindal School of Management, UT Dallas, March 2019
14. “Fake news: Why we fall for it and what to do about it”, Anderson School of Management, UCLA, March 2019
15. “Fake news: Why we fall for it and what to do about it”, Psychology Department, Stanford University, February 2019

16. "Fake news: Why we fall for it and what to do about it", Interdisciplinary Network Research Group, Dartmouth College, January 2019
17. "Fake news: Who falls for it and what to do about it", Psychology Department, University of Washington, November 2018
18. "Fake news: Who falls for it and what to do about it", Information Systems group, Questrom School of Business, Boston University, October 2018
19. "Fake news: Who falls for it and what to do about it", Northeast Marketing Consortium 2018, Harvard Business School, September 2018
20. "Fake news: Who falls for it and what to do about it", Psychology Department, Northeastern University, September 2018
21. "How you can help combat fake news", TEDx Cambridge Salon, August 2018
22. "Fake news: Who falls for it and what to do about it" Cognitive Science (CogSci), Madison WI, July 2018
23. "Fake news: Who falls for it and what to do about it" Disinformation Online conference, Columbia University, July 2018
24. "Promoting cooperation and fighting fake news", Behavior Change Knowledge Network, Her Majesty's Treasury, London July 2018
25. "The cognitive science of fake news", Facebook HQ, April 2018
26. "The cognitive science of fake news", NYU Social Psychology seminar, April 2018
27. "The cognitive science of fake news", Social Media and Democracy, Stanford University, April 2018
28. "The cognitive science of fake news", Exploring Media Ecosystems conference, MIT Media Lab, March 2018
29. "Understanding and combating fake news," PSP Pre-Conference, American Association of Publishers, Washington DC, February 2018
30. "Understanding and combating fake news," Cognitive Science Colloquium, University of Connecticut, November 2017
31. "Understanding and combating fake news," Yale Institute for Network Science, October 2017
32. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Department of Experimental Psychology, University College London, UK December 2016
33. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Psychology and Behavioral Science Colloquium, London School of Economics, UK December 2016
34. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Cognitive Science Colloquium, University of Maryland, College Park MD November 2016
35. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Psychology Department, Cornell University, Ithaca NY October 2016
36. "Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation", Arison School of Business, Israel July 2016
37. "Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation", King's College, London UK June 2016
38. "Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation", Middlesex College, London UK June 2016
39. "The cognitive underpinnings of human cooperation", Brain & Cognitive Sciences, MIT, Cambridge MA May 2016
40. "Intuition, deliberation, and human cooperation", Positive Psychology Center, University of Pennsylvania, Philadelphia PA April 2016
41. "Human cooperation", Inspiring Yale, Yale University, New Haven CT March 2016
42. "Human cooperation", Environmental Economics Seminar, Yale University, New Haven CT February 2016
43. "Intuition, deliberation, and human cooperation", Marketing Seminar, Sloan School, MIT, Cambridge MA February 2016
44. "Evolution of intuitive cooperation and rational self-interest", CLIPS, Brown University September 2015
45. "Fostering purposeful prosociality", New Paths to Purpose capstone meeting, Booth School of Business, University of Chicago June 2015
46. "Habits of virtue & social heuristics; Or, where do social preferences come from?", Social Dilemmas Conference, Brown University, Providence RI May 2015
47. "Habits of virtue and the role of social heuristics in human cooperation", Organization Studies Seminar, Sloan School, MIT, Cambridge MA April 2015
48. "Habits of virtue and the role of social heuristics in human cooperation", Marketing Seminar, Sloan School, MIT, Cambridge MA April 2015

49. "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
50. "Intuitive prosociality", Motivation and Emotion Science Symposium, Private SPSP Preconference February 2015
51. "Human cooperation", Social Psychology Brown Bag, UMass Amherst February 2015
52. "Social heuristics: The role of intuition in cooperation & punishment", Conference on Cognitive Control and Social Decision Making, Toulouse School of Economics, France, January 2015
53. "Social heuristics: Intuition versus deliberation & cooperation", Cognition and Perception Seminar, New York University, November 2014
54. "Human cooperation", Oxford University Press PsychTalk, November 2014
55. "Human cooperation", Behavioral Economics and Philanthropy Conference, Harvard Kennedy School, November 2014
56. "Automatic social prospection", Prospection in Social Life Conference, Barcelona Spain, October 2014
57. "Promoting human cooperation and building habits of virtue", Decision Processes Colloquium, Wharton School, University of Pennsylvania, September 2014
58. "Harnessing network effects to promote human cooperation", Yale Institute for Network Science, September 2014
59. "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
60. "Institutions and Purpose: How Rules 'Crowd In' or 'Crowd Out' Purposeful Prosociality", Booth School of Business, University of Chicago, June 2014
61. "Cooperation on social networks", Invited Symposium, Association for Psychological Science, Berkeley CA, May 2014
62. "Spontaneous giving and calculated greed: the automatic psychology of cooperation", Psychology Department Colloquium, Smith College, April 2014
63. "Strategies used in noisy repeated games: experimental evidence", Economics Micro Theory Lunch, Yale University, March 2014
64. "Intuitive cooperation and habits of virtue", Moral Philosophy Workshop, Yale University, Feb 2014
65. "Slow to anger and fast to forgive: cooperation in an uncertain world", Cooperation and Competition Pre-conference, SPSP, Austin TX, Feb 2014
66. "Intuitive cooperation and habits of virtue", NIH Intramural Research Program, Bethesda MD, Jan 2014
67. "Habits of virtue and norms of prosociality", Compassion Research Day, Facebook HQ, December 2013
68. "Habits of virtue: Creating norms of cooperation and defection in the laboratory", Economics/Strategy Seminar, Rady School of Management, UC San Diego, November 2013
69. "Intuitive Cooperation and Habits of Virtue", Behavioral & Cognitive Neuroscience Seminar, Columbia University, October 2013
70. "Intuitive Cooperation and the Social Heuristics Hypothesis", Affective Brain Lab, University College London, October 2013
71. "Why we cooperate", Social Cognition Brownbag, Brown University, October 2013
72. "Understanding human social behavior via data generation", Day of Data, Yale University, September 2013
73. "Why we cooperate", Social Psychology Seminar, Yale University, September 2013
74. "Habits of virtue: Creating norms of cooperation and defection in the laboratory", Workshop on Experimental Game Theory, Stony Brook NY, July 2013
75. "Engineering cultures of cooperation", Strategy Research Initiative, Columbia Business School, June 2013
76. "Institutions build intuitions: Evolving cultures of cooperation and defection in the laboratory", Behavioral and Experimental Economics Seminar, Department of Economics, Harvard University, April 2013
77. "Designing and living in a cooperative world", Learning Innovations Laboratory, Harvard Graduate School of Education, March 2013
78. "Spontaneous giving and calculated greed", Department of Psychology, New York University, March 2013
79. "Spontaneous giving and calculated greed", Media Lab, Massachusetts Institute of Technology, March 2013
80. "Spontaneous giving and calculated greed", Department of Psychology, Northeastern University, February 2013
81. "Spontaneous giving and calculated greed", Center for Collective Intelligence, Massachusetts Institute of Technology, February 2013
82. "Creating & destroying norms of cooperation in the lab", Biological Anthropology, Yale University, February 2013

83. "Spontaneous giving and calculated greed", Evolution of Religion, Cooperation and Morality thematic series, University of British Columbia, November 2012
84. "Designing and living in a cooperative world", PopTech Conference, Camden ME, October 2012 [**PopTech Science Fellow**]
85. "Cooperation and norm enforcement across cultures", European Policies from a Behavioral Economics Perspective, European Commission Joint Research Centre, Ispra Italy, September 2012
86. "Constructing and living in a cooperative world", Management Leadership and Decision Sciences seminar, Kennedy School of Government, Harvard University, February 2012
87. "Constructing and living in a cooperative world", Department of Psychology, Harvard University, January 2012
88. "Cooperation in an uncertain world", Social and Decision Sciences, Carnegie Mellon University, January 2012
89. "Constructing and living in a cooperative world", Department of Psychology, Princeton University, January 2012
90. "Constructing and living in a cooperative world", Negotiation Organizations and Markets seminar, Harvard Business School, January 2012
91. "Constructing and living in a cooperative world", Kellogg School of Management, Northwestern University, January 2012
92. "Cooperation in an uncertain world", Booth School of Business, University of Chicago, January 2012
93. "Constructing and living in a cooperative world", Department of Psychology, Yale University, December 2011
94. "Constructing and living in a cooperative world", School of Management, Yale University, December 2011
95. "The evolution of antisocial punishment", The Foundations of Moral Preferences, Centre for the Study of Mind in Nature, University of Oslo, November 2011
96. "Reward, punishment, and the maintenance of large-scale cooperation", Center for Human Science, Chapel Hill NC, October 2011
97. "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
98. "Cooperation and spite: an evolutionary game theoretic perspective", Psychology Department, Princeton University, September 2011
99. "Punishment, spite and the evolution of cooperation", Complex Systems Seminar, Northwestern University, September 2011
100. "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
101. "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
102. "Slow to anger and fast to forgive: cooperation in an uncertain world", Max Plank Institute for Research on Collective Goods, April 2011
103. "The evolutionary dynamics of human cooperation", Applied Mathematics Colloquium, Massachusetts Institute of Technology, March 2011
104. "Reward, punishment and the evolution of human cooperation", New England Complex Systems Institute / MIT Engineering Systems Division Seminar, Massachusetts Institute of Technology, March 2011
105. "Reward, punishment and the evolution of cooperation", Coping with Crises in Complex Socio-Economic Systems Seminar, ETH Zurich, March 2011
106. "Reward, punishment and the evolution of cooperation", Human Evolutionary Biology department colloquium, Harvard University, November 2010
107. "Reward, punishment and public goods", Experimental Economics Seminar, George Mason University, November 2010
108. "Slow to anger and fast to forgive: cooperation in an uncertain world", Behavioral and Experimental Economics Seminar, Harvard University, November 2010
109. "The online laboratory: taking experimental social science onto the internet", Berkman Center for Internet & Society Luncheon Series, Harvard University
110. "The evolution of anti-social punishment", The Nature of Preferences and Decision-Making, The Tinbergen Institute, University of Amsterdam, September 2010

111. “Reward, punishment and the evolution of cooperation”, Department of Complex Systems Seminar, University of Michigan, September 2010
112. “A genetic basis of serial entrepreneurship”, Innovation and Economic Growth, Lake Tahoe NV, May 2010
113. “Slow to anger and fast to forget: leniency and forgiveness in an uncertain world”, Law, Behavior and the Brain, Gruter Institute for Law and Behavioral Research, Lake Tahoe NV, May 2010
114. “The evolution of cooperation, and what it can teach us about mortality”, Moral Biology Conference, Harvard Law School, April 2010
115. “Reward, punishment and the provisioning of public goods”, Critical Perspectives on Law and Economics Seminar, University of Minnesota Law School, March 2010
116. “Winners don’t punish”, Department of Mathematics Seminar, Wilfrid Laurier University, Waterloo Canada, March 2010
117. “Human cooperation, an evolutionary perspective”, Behavioral Economics & Decision Research Seminar, Cornell University, February 2010
118. “The evolutionary dynamics of altruistic cooperation”, Applied Mathematics Colloquium, Cornell University, February 2010
119. “Rewards outperform punishment for promoting public cooperation”, Museum of Comparative Zoology Lunch Series, Harvard University, October 2009
120. “Winners don’t punish”, International Symposium on Complex Networks and Evolutionary Dynamics, Xidian University, Xi’an, China, October 2009
121. “Winners don’t punish”, Conference on Evolutionary Dynamics, Peking University, Beijing, Oct 2009
122. “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
123. “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
124. “Anti-social punishment and the evolution of cooperation”, Plants and the evolution of cooperation and trading, Harvard Plant Biology Symposium, Cambridge MA, May 2009
125. “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
126. “Winners don’t punish”, Mind Brain and Behavior Seminar, Harvard University, November 2008
127. “Modeling the evolution of cooperation”, Modeling Social Behavior, National Institutes of Health, Bethesda MD, November 2008
128. “Winners don’t punish”, Japanese Society for Mathematical Biology, Kyoto University, Kyoto, Japan, September 2008
129. “Winners don’t punish”, 12th Experimental Social Sciences Conference, Tokyo Institute of Technology, Ookayama, Japan, September 2008
130. “Winners don’t punish”, Law Behavior and the Brain, Gruter Institute for Law and Behavioral Research, Lake Tahoe NV, May 2008
131. “Altruism, Cooperation and Evolution”, Boston Museum of Science, November 2007
132. “Punishment and cooperation in the Prisoner’s Dilemma”, Research Opportunities in Mathematical Evolution Colloquium, Harvard University, March 2007

Conference talks

1. “Reducing the spread of news we (should) know is false”, Academy of Management, Boston, August 2019
2. “Combatting fake news”, Society for Judgment and Decision-Making, New Orleans LA, November 2018
3. “Misinformation: Who falls for it and how to fight it”, SESP, Seattle WA, October 2018
4. “Fake news: Who falls for it and what to do about it”, Politics and Computational Social Science pre-conference, Boston MA, August 2018
5. “Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation”, Society for Judgment and Decision-Making, Boston MA, November 2016
6. “Social heuristics and habits of virtue”, Association for Psychological Science, New York NY, May 2015
7. “The Evolution of Intuitive Cooperation”, Society for Personality and Social Psychology, Long Beach CA, Feb 2015
8. “Habits of Virtue: Creating Norms of Cooperation and Defection in the Laboratory”, Society for Personality and Social Psychology, Austin TX, Feb 2014

9. "Institutions build intuitions: Evolving cultures of cooperation and defection in the laboratory", Society for Experimental Social Psychology, UC Berkeley, September 2013
10. "Spontaneous giving and calculated greed", Society for Personality and Social Psychology 2013, New Orleans, January 2013
11. "Reward, punishment, and the maintenance of large-scale cooperation", Society of Experimental Social Psychology, Washington DC, October 2011
12. "Slow to anger and fast to forgive: cooperation in an uncertain world", Economic Science Association International Meeting 2011, University of Chicago, July 2011
13. "Noise, heterogeneity and the evolution of human cooperation", Eighth International Conference on Complex Systems, Boston, June 2011
14. "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]
15. "The evolution of anti-social punishment", 14th International Symposium on Dynamic Games and Applications, Banff Canada, June 2010
16. Eastern Regional Photosynthesis Conference, Woods Hole MA, April 2004
17. Eastern Regional Photosynthesis Conference, Woods Hole MA, April 2003