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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
 2020- Research Group Leader, Initiative on the Digital Economy
 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]

- Arechar AA, ..., Pennycook G*, **Rand DG*** (2023) Understanding and combatting online misinformation across 16 countries on six continents. *Nature Human Behaviour*. <https://doi.org/10.1038/s41562-023-01641-6>
- Druckman J, Pink S, Chu J, Redekopp C, **Rand DG**, Willer R (2023) Correcting Exaggerated Meta-Perceptions Reduces American Legislators' Support for Undemocratic Practices. *PNAS*.
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- Tappin BM, Wittenberg C, Hewitt LB, Berinsky A, **Rand DG** (2023) Quantifying the Potential Persuasive Returns to Political Microtargeting. *PNAS*.
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- Palacios J, Fan Y, Yoeli E, Wang J, Chai Y, Sun W, **Rand DG**, Zheng S (2022). Encouraging the resumption of economic activity after COVID-19: Evidence from a large scale-field experiment in China. *PNAS*.
- Van Lange PAM, **Rand DG** (2022) Human Cooperation and the Crises of Climate Change, COVID-19, and Misinformation. *Annual Review of Psychology*. <https://doi.org/10.1146/annurev-psych-020821-110044>
- Voelkel JG, Chu J, Stagnaro MN, Mernyk J, Redekopp C, Pink S, Druckman J, **Rand DG**, Willer R (2022) Interventions reducing affective polarization do not necessarily improve anti-democratic attitudes. *Nature Human Behaviour*. <https://doi.org/10.1038/s41562-022-01466-9>
- Wittenberg C, Tappin B, Berinsky AJ, **Rand DG** (2021) The (Minimal) Persuasive Advantage of Political Video over Text. *PNAS*. <https://doi.org/10.1073/pnas.2114388118>
- Allen J*, Arechar AA*, Pennycook G, **Rand DG** (2021) Scaling up fact-checking using the wisdom of crowds. *Science Advances*. doi:10.1126/sciadv.abf4393
- Brashier NM, Pennycook G, Berinsky AJ, **Rand DG** (2021) Timing Matters When Correcting Fake News. *PNAS*. doi:10.1073/pnas.2020043118
- 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
- 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*.
- 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
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- 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
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- 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
- Peyton K, Sierra-Arevalo, **Rand DG** (2019) A randomized control trial examining community policing and police legitimacy. *PNAS*. doi:10.1073/pnas.1910157116
- 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
- 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
- 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
- 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.
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- Jordan JJ, Hoffman M, Nowak MA, **Rand DG** (2016) Uncalculating cooperation is used to signal trustworthiness. *PNAS*, **113** 8658-8663.
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- 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.
- Rand DG***, Arbesman S*, Christakis NA (2011) Dynamic networks promote cooperation in experiments with humans. *PNAS*, **108** 19193-19198.
- Rand DG**, Nowak MA. (2011) The evolution of antisocial punishment in optional public goods games. *Nature Communications*. **2** 434.
- 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. Arechar AA, ..., Pennycook G*, **Rand DG*** (2023) Understanding and combatting online misinformation across 16 countries on six continents. *Nature Human Behaviour*. <https://doi.org/10.1038/s41562-023-01641-6>
2. Bago B, Pennycook G, **Rand DG** (2023) Reasoning about climate change *PNAS Nexus*. <https://doi.org/10.1093/pnasnexus/pgad100>
3. Bhardwaj V, Martel C, **Rand DG** (2023) Examining accuracy-prompt efficacy in combination with using colored borders to differentiate news and social content online. *HKS Misinformation Review*.
4. Celadin T, Capraro V, Pennycook G, **Rand DG** (2023) Displaying news source trustworthiness ratings reduces sharing intentions for false news posts. *Journal of Trust and Safety*. <https://doi.org/10.54501/jots.v1i5.100>
5. Chen CX, Pennycook G, **Rand DG** (2023) What Makes News Sharable on Social Media? *Journal of Quantitative Description: Digital Media*. <https://doi.org/10.51685/jqd.2023.007>
6. Druckman J, Pink S, Chu J, Redekopp C, **Rand DG**, Willer R (2023) Correcting Exaggerated Meta-Perceptions Reduces American Legislators' Support for Undemocratic Practices. *PNAS*. DOI:10.1073/pnas.2301836120
7. Epstein Z, Sirlin N, Arechar AA, Pennycook G, **Rand DG** (2023) The Social Media Context Interferes with Truth Discernment. *Science Advances*
8. Guay B, Berinsky B, Pennycook G, **Rand DG** (2023) How to Think About Whether Misinformation Interventions Work. *Nature Human Behaviour*.
9. Lin H, Lasser J, Lewandowsky S, Cole R, Gully A, **Rand DG**, Pennycook G (2023) High level of concordance across different news domain quality ratings. *PNAS Nexus*.
10. Lin H, **Rand DG**, Pennycook G (2023) Conscientiousness does not moderate the association between political orientation and susceptibility to fake news sharing. *Journal of Experimental Psychology: General*.
11. Martel C, Allen JN, Pennycook G, **Rand DG** (2023) Crowds can effectively identify misinformation at scale. *Perspectives on Psychological Science*.
12. Martel C, **Rand DG** (2023) Misinformation warning labels are widely effective: A review of warning effects and their moderating features. *Current Opinion in Psychology*. <https://doi.org/10.1016/j.copsyc.2023.101710>
13. Rhoads SA, Vekaria KM, O'Connell K, Elizabeth HS, **Rand DG**, Kozak Williams MN, Marsh AA (2023) Unselfish traits and social decision-making patterns characterize six populations of real-world extraordinary altruists. *Nature Communications*
14. Ruggeri K, et al. (2023) A synthesis of evidence for policy from behavioral science during COVID-19. *Nature*. <https://doi.org/10.1038/s41586-023-06840-9>
15. Stagnaro MN, Pink S, **Rand DG**, Willer R (2023) Framing accuracy motivations as consistent with conservative political identity using moral reframing does not increase Republicans' truth discernment. *HKS Misinformation Review*.

16. Stagnaro MN, Tappin B, **Rand DG** (2023) Unmotivated numeracy and self governance: No evidence of Motivated System Two Reasoning across 5 issues using a representative sample. *PNAS*.
17. Tappin B, Berinsky AJ, **Rand DG** (2023) Partisans' receptivity to persuasive messaging is undiminished by countervailing party leader cues. *Nature Human Behaviour*
18. Tappin BM, Wittenberg C, Hewitt LB, Berinsky A, **Rand DG** (2023) Quantifying the Potential Persuasive Returns to Political Microtargeting. *PNAS*. <https://doi.org/10.1073/pnas.2216261120>
19. Zhang Y, **Rand DG** (2023) Partisan Bias in Non-political Information Processing. *JDM*.
20. Allen J, Martel C, **Rand DG** (2022) Birds of a feather don't fact-check each other: Partisanship and the evaluation of news in Twitter's Birdwatch crowdsourced fact-checking program. *CHI'22*.
<https://doi.org/10.1145/3491102.3502040>
21. Arechar AA, **Rand DG** (2022) Learning to be selfish? A large-scale longitudinal analysis of Dictator Games played on Amazon Mechanical Turk. *Journal of Economic Psychology*.
<https://doi.org/10.1016/j.joep.2022.102490>
22. Bago B, **Rand DG**, Pennycook G (2022) Does deliberation decrease belief in conspiracies? *Journal of Experimental Social Psychology*. <https://doi.org/10.1016/j.jesp.2022.104395>
23. Bago B, Rosenzweig L, Berinsky A, **Rand DG** (2022) Emotion may predict susceptibility to fake news but emotion regulation does not seem to help. *Emotion and Cognition*.
<https://doi.org/10.1080/02699931.2022.2090318>
24. Epstein Z, Foppiani N, Hilgard S, Sharma S, Glassman E, **Rand DG** (2022) Do Explanations Increase the Effectiveness of AI-Crowd Generated Fake News Warnings? *ICMSW 2022*.
<https://ojs.aaai.org/index.php/ICWSM/article/view/19283>
25. Erlich A, Garner C, Pennycook G, **Rand DG** (2022) Does Analytic Thinking Insulate Against Pro-Kremlin Disinformation? Evidence from Ukraine. *Political Psychology*.
26. Lin H, Pennycook G, **Rand DG** (2022) Thinking more or thinking differently? Using drift-diffusion modeling to illuminate why accuracy prompts decrease misinformation sharing. *Cognition*.
27. Mosleh M, **Rand DG** (2022) Measuring exposure to misinformation from elites on Twitter. *Nature Communications*.
28. Pennycook G, **Rand DG** (2022) Accuracy prompts are a replicable and generalizable approach for reducing the spread of misinformation. *Nature Communications*. <https://doi.org/10.1038/s41467-022-30073-5>
29. Palacios J, Fan Y, Yoeli E, Wang J, Chai Y, Sun W, **Rand DG**, Zheng S (2022). Encouraging the resumption of economic activity after COVID-19: Evidence from a large scale-field experiment in China. *PNAS*.
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30. Van Lange PAM, **Rand DG** (2022) Human Cooperation and the Crises of Climate Change, COVID-19, and Misinformation. *Annual Review of Psychology*. <https://doi.org/10.1146/annurev-psych-020821-110044>
31. Voelkel JG, Chu J, Stagnaro MN, Mernyk J, Redekopp C, Pink S, Druckman J, **Rand DG**, Willer R (2022) Interventions Reducing Affective Polarization Do Not Necessarily Improve Anti-Democratic Attitudes. *Nature Human Behaviour*. <https://doi.org/10.1038/s41562-022-01466-9>
32. Allen J*, Arechar AA*, Pennycook G, **Rand DG** (2021) Scaling up fact-checking using the wisdom of crowds. *Science Advances*. doi:10.1126/sciadv.abf4393
33. Arechar AA, **Rand DG**. Turking in the time of COVID (2021) *Behavior Research Methods*. doi:10.3758/s13428-021-01588-4
34. Brashier NM, Pennycook G, Berinsky AJ, **Rand DG** (2021) Timing Matters When Correcting Fake News. *PNAS*. doi:10.1073/pnas.2020043118
35. 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*.
36. Jahanbakhsh F, Zhang A, Pennycook G, **Rand DG**, 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>
37. Jordan JJ, Yoeli E, **Rand DG** (2021) Don't get it or don't spread it: Comparing self-interested versus prosocially motivations for COVID-19 prevention behaviors. *Scientific Reports*.
38. 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.
39. 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
40. McPhetres J, **Rand DG**, Pennycook G (2021) Character Deprecation in Fake News: Is it in Supply or Demand? *Group Processes & Intergroup Relations*.

41. 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
42. 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
43. 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>
44. Mosleh M, Pennycook G, **Rand DG** (2021) Field experiments on social media. *Current Directions in Psychological Science*. <https://doi.org/10.1177/09637214211054761>
45. 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>
46. 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
47. 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>
48. Pennycook G, **Rand DG** (2021) The psychology of fake news. *Trends in Cognitive Sciences*. doi:10.1016/j.tics.2021.02.007
49. 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
50. Pink S, Chu JY, Druckman JN, **Rand DG**, Willer R (2021) Elite Party Cues Increase Vaccination Intentions among Republicans. *PNAS*. 118 (32) e2106559118; <https://doi.org/10.1073/pnas.2106559118>
51. Rosenzweig LR, Bago B, Berinsky AJ, **Rand DG** (2021) Happiness and surprise are associated with worse truth discernment of COVID-19 headlines among social media users in Nigeria. *HKS Misinformation Review*. <https://doi.org/10.37016/mr-2020-75>
52. 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.
53. Sirlin N, Epstein Z, Arechar AA, **Rand DG** (2021) Digital literacy is associated with more discerning accuracy judgments but not sharing intentions. *HKS Misinformation Review*.
54. Wittenberg C, Tappin B, Berinsky AJ, **Rand DG** (2021) The (Minimal) Persuasive Advantage of Political Video over Text. *PNAS*. <https://doi.org/10.1073/pnas.2114388118>
55. 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
56. 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
57. Epstein Z, Levine S, **Rand DG**, Rahwan I (2020) Who gets credit for AI-generated art? *iScience*. doi:10.1016/j.isci.2020.101515
58. 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
59. 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
60. 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
61. 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
62. 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
63. Mosleh M, Kyker K, Cohen JD, **Rand DG** (2020) Globalization and the Rise and Fall of Cognitive Control. *Nature Communications*. 11, 3099
64. 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

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SUBMITTED / WORKING PAPERS

221. Orchinik R, Bhui R, **Rand DG**. Morality and Misinformation Registered Replication Proposal.
222. Mosleh M, Yang Q, Tauhid Z, Pennycook G, **Rand DG**. Trade-offs between reducing misinformation and politically-balanced enforcement on social media.
223. Stewart A, Arechar AA, **Rand DG**, Plotkin J. The game theory of fake news.
224. Martel C*, Rathje S*, Clark CC, Pennycook G, Van Bavel JJ, Rand DG†, van der Linden S†. On the Efficacy of Accuracy Prompts Across Partisan Lines: An Adversarial Collaboration.
225. Allen JA, Watts D, **Rand DG**. Quantifying the Impact of Misinformation and Vaccine-Skeptical Content on Facebook.
226. Voelkel, ..., Druckman JN*, **Rand DG***, Willer R*. Megastudy identifying effective interventions to strengthen Americans' democratic attitudes.
227. Arecher AA, Rand DG. Evaluating the effect of the United Nations "Pause" campaign on COVID-19 misinformation sharing in Brazil, India and the United Kingdom.
228. Kraft-Todd GT, Norton M, **Rand DG**. Setting a Price for Charitable Giving Increases Donations.
229. Martel C, Mosleh M, Yang Q, Zaman T, **Rand DG**. Blocking of counter-partisan accounts drives political assortment on Twitter.
230. Kraft-Todd GT*, Dubey R*, Yoeli E, **Rand DG**, Bhanot S. Public good messaging motivates the wealthy to reduce water consumption. Available at <https://psyarxiv.com/exz2a/>
231. Martel C, Mosleh M, **Rand DG**. Ingroup Love vs. Outgroup Hate: What drives partisan bias in social tie formation on social media?
232. Martel C, Mosleh M, **Rand DG**. Blocking of counter-partisan accounts drives political assortment on Twitter
233. Orchinik R, Martel C, **Rand DG**, Bhui R. Uncommon Errors: Adaptive Intuitions in High-Quality Media Environments Increase Susceptibility to Misinformation.
234. O'Connor J, Senteio C, Paci EM, **Rand DG**. Race and the Criminalization of Addiction.
235. Martel C, **Rand DG**. Fact-checker warning labels are effective even for those who distrust fact-checkers.
236. Pennycook GR, Binnendyk J, **Rand DG**. Overconfidently conspiratorial: Conspiracy believers are dispositionally overconfident and massively overestimate how much others agree with them.
237. Phillips SC, Wang SN, Carley KM, **Rand DG**, Pennycook G. Emotional language reduces belief in false claims.
238. Ghezae I, Jordan JJ, Gainsburg I, Mosleh M, Pennycook G, Willer R, **Rand DG**. Partisans neither expect nor receive reputational rewards for sharing falsehoods over truth online.
239. Mosleh M, Cole R, **Rand DG**. Two sides of the same coin? Examining the association between misinformation and harmful language.
240. Mosleh M*, Martel C*, Eckles D, **Rand DG**. Promoting engagement with social fact-checks online. Available at <https://osf.io/rckfy/>
241. Guay B, Berinsky AJ, Pennycook G, **Rand DG**. Examining Partisan Asymmetries in Fake News Sharing and the Efficacy of Accuracy Prompt Interventions. Available at <https://psyarxiv.com/247bs/>
242. Blum A, Berinsky A, **Rand DG**. Partisan Source Cues and Trust in Global News.
243. EM Fernandez, A Berinsky, J Cone, **Rand DG**. Contact and Affective Polarization.
244. Pennycook G, Berinsky A, Lin H, Bhargava P, Cole R, Goldberg B, Lewandowsky S, **Rand DG**. Misinformation inoculations must be boosted by accuracy prompts to improve judgments of truth.
245. Kramer E, Yoeli E, **Rand DG**. Counterproductive norms can be addressed via informational interventions: The Case of 'Aspirational Recycling'.
246. **Rand DG**, Arechar AA, Pennycook G, Stangaro MN. Are Republicans more dishonest than Democrats?
247. Yoeli E, **Rand DG**. Digital Adherence Support for Tuberculosis Treatment: A Multicentre Randomized Trial in Kenya.

248. Senteio C, Newton C, Pennycook G, **Rand DG**. Intragroup differences in COVID-19 vaccine attitudes among Black Americans. Available at <https://psyarxiv.com/r3vem>
249. 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>.
250. 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>.
251. Wells JS, **Rand DG**. Strategic self-interest can explain seemingly “fair” offers in the Ultimatum Game. Available at SSRN: <http://ssrn.com/abstract=2136707>.
252. Dreber A, **Rand DG**, Wernerfelt NC, Garcia JR, Lum JK, Zeckhauser RJ. The dopamine receptor D4 gene (DRD4) and self-reported risk taking in the economic domain. *HKS Faculty Research Working Paper Series RWP11-042*.
253. 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>.
254. 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. **Rand DG**, Sirin N (2022) Digital Literacy Doesn’t Stop the Spread of Misinformation. *Scientific American*.
2. Allen J, **Rand DG** (2021) How the Wisdom of Crowds Could Solve Facebook's Fact-Checking Problem. *Time*.
3. Pennycook G, **Rand DG** (2021) Most People Don't Actively Seek to Share Fake News. *Scientific American*.
4. Pennycook G, **Rand DG** (2021) The truth about Donald Trump voters and violence in politics. *The Hill*.
5. Willer R, **Rand DG** (2021) More Republican politicians are endorsing vaccination. It just might work. *Washington Post*.
6. Pennycook G, **Rand DG** (2020) The right way to fight fake news. *New York Times*.
7. Jordan JJ, **Rand DG** (2019) Are you ‘virtue signaling’? *New York Times*.
8. Pennycook G, **Rand DG** (2019) Why do people fall for fake news? *New York Times*.
9. Pennycook G, **Rand DG** (2019) Crowdsourcing is the best weapon in fight against fake news. *The Hill*.
10. **Rand DG**, Cohen JD (2017) The rise and fall of cognitive control. *Behavioral Scientist*.
11. Jordan JJ, Sommers R, **Rand DG** (2017) The real problem with hypocrisy. *New York Times*.
12. Dunham Y, **Rand DG** (2016) Will Sanders supporters come around? *New York Times*.
13. Jordan JJ, **Rand DG** (2016) The science behind Hillary Clinton’s problems with trust. *The Conversation*.
14. Bear A, **Rand DG** (2016) Creating habits of virtue. *Policyshop*.
15. Jordan JJ, Bloom P, Hoffman M, **Rand DG** (2016) What is moral outrage for? *New York Times*.
16. Yoeli E, **Rand DG** (2015) The trick to acting heroically. *New York Times*.
17. Yoeli E, Bhanot S, Kraft-Todd GT, **Rand DG** (2015) How to get people to pitch in. *New York Times*.
18. Yoeli E, Hoffman M, **Rand DG** (2014) How to prevent summer blackouts. *New York Times*.
19. Jordan JJ, **Rand DG** (2013) Human nature revisited. *Wired*, “The World in 2014” Wired UK Special Edition.
20. Peysakhovich A, **Rand DG** (2013) Virtual worlds, real insights. *Wired*, “The World in 2014” Wired UK Special Edition.
21. Van Bavel JJ, **Rand DG** (2013) Restocking our subject pools. *Association for Psychological Science Observer* 26.
22. Haque OS, **Rand DR** (2012) Religion goes into the science lab. *Wired*, “The World in 2013” Wired UK Special Edition.
23. Peysakhovich A, **Rand DG** (2012) Small is good when it comes to data creation. *Wired*, “The World in 2013” Wired UK Special Edition.
24. **Rand DG**, Nowak MA (2009) Name and shame: How reputation could save the earth. *New Scientist*, 2734 28-29.

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

Antonio Alonso Arechar (Ph.D. Economics, University of Nottingham), 2014 – 2022; MIT Research Scientist

Post-doctoral supervisees

Thomas Costello (Ph.D. Psychology, Emory) 2022 – 2024; American University, assistant professor of Psychology [Jointly advised with Gordon Pennycook]

Ashley Blum (Ph.D. Political Science, UCLA) 2022 – present [Jointly advised with Adam Berinsky]

Brian Guay (Ph.D. Political Science, Duke University) 2021 – 2023; SUNY Stony Brook, assistant professor of Political Science [Jointly advised with Adam Berinsky]

Hause Lin (Ph.D. Psychology, University of Toronto) 2021 – present [Jointly advised with Gordon Pennycook]

Ben Tappin (Ph.D. Psychology, University of London) 2019 – present

Mohsen Mosleh (Ph.D. Systems Engineering, Stevens Institute of Technology) 2017 – 2020; University of Exeter Business School tenure-track Lecturer of Science, Innovation, Technology, and Entrepreneurship

Rebecca Littman (Ph.D. Psychology, Princeton University) 2017 – 2020; University of Illinois Chicago tenure-track professor of Social Psychology

Gordon Pennycook (Ph.D. Psychology, University of Waterloo) 2016 – 2017; Cornell University, tenured professor of Social Psychology

Jonathan Schulz (Ph.D. Economics, University of St. Gallen), 2015 – 2017; George Mason University, tenure-track professor of Economics

Christina Starmans (Ph.D. Psychology, Yale University), 2015 – 2017; University of Toronto tenure-track professor of Developmental Psychology [Jointly advised with Paul Bloom]

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 tenured professor of Psychology

Alexander Peysakhovich (Ph.D. Economics, Harvard University), 2013 – 2014; Facebook Artificial Intelligence Research

Ph.D. students

Reed Orchinik, MIT Sloan. In progress. [Jointly advised with Rahul Bhui]
 Jennifer Allen, MIT Sloan. In progress.
 Cameron Martel, MIT Sloan. In progress.
 Ziv Epstein, MIT Media Lab. “The Dynamics of Attention in Digital Ecosystems” 2023; Stanford, post-doc. [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 Professor of Economics [Jointly advised with 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

- 2023 Thinkers50 Radar Class of 2023
- 2021 Falling Walls 2021 Breakthrough of the Year Winner, Social Sciences and Humanities
- 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

- 2023 MIT Generative AI Impact Papers: “How to label content produced by generative AI” David Rand (PI), Adam Berinsky (PI). 9/1/2023-6/30/2024, \$70,000.
- 2023 MIT Health Systems Initiative: “Understanding and leveraging harm reduction messaging on TikTok” David Rand (PI), Elizabeth Paci (PI). 7/1/2023-6/30/2026, \$80,000.
- 2023 Open Society Foundations, “Investigating the Effectiveness of Federated Moderation in Mastodon Network” Mohsen Mosleh (PI), David Rand (Co-PI). 9/1/2023-8/31/2025, \$210,000.
- 2022 Meta 2022 Foundational Integrity Research award. Mohsen Mosleh (PI), David Rand (Co-PI). 12/21/2022, \$98,838.

- 2022 Social Science Research Council's Mercury Project #14409, "Building a better toolkit (for fighting misinformation): Large collaborative project to compare misinformation interventions", Lisa Fazio (PI), David Rand (PI), Steve Lewandowsky (PI), 6/2/2022, \$500,000.
- 2022 Social Science Research Council's Mercury Project #14409, "Combating health misinformation with community-crafted messaging: Developing a scalable community-driven approach in Latin America and the United States", Charles Senteio (PI), David Rand (PI), 6/2/2022, \$500,000.
- 2022 National Science Foundation Award # 2217770, "Using Markets to Address Manipulated Information Online" Marshall Van Alstyne (PI), Nina Mazar (Co-PI), Ran Canetti (Co-PI), Mayank Varia (Co-PI), Gordon Pennycook (Co-PI), David Rand (Co-PI). \$550,000.
- 2022 Google, gift given 11/8/2021, \$60,000.
- 2021 Richard Brudnick, gift given 12/31/2021, \$50,000.
- 2021 Lincoln Laboratory Award Number 7000531720, "Influence quantification", Dean Eckles (PI), David Rand (Co-PI), 10/1/2021-9/30/2022, \$100,000.
- 2021 Google, gift given 10/29/2021, \$125,000.
- 2021 Facebook, gift given 10/20/2021, \$100,000.
- 2021 Alfred P. Sloan Foundation Grant #2021-16891, "Employing behavioral economics to study why people believe and share misinformation online", David Rand (PI), Adam Berinsky (PI), Gordon Pennycook (Co-PI), Drazen Prelect (Co-PI). \$244,562
- 2021 John Templeton Foundation Grant #61779: "Metacognition, intellectual humility, and the psychology of belief." Gordon Pennycook (PI), David Rand (Co-PI). 09/2021 - 08/2024. \$269,715 CAD.
- 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 MIT Health Systems Initiative: "Understanding and Reducing Racial Inequity for COVID-19 Vaccination" David Rand (PI), Charles Senteio (PI). 7/1/2021-6/30/2023, \$60,000.
- 2021 MITEI Seed Fund Award: "Increasing Public Support for Scalable Low-Carbon Energy Technologies Using Behavioral Science Insights", David Rand (PI), Koroush Shirvan (PI), Howard Herzog (PI), Jacopo Buongiorno (PI). 06/01/2021-05/31/2023, \$150,000.
- 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 MIT Health Systems Initiative: "Combining machine learning and behavioral insights to provide differentiated digital adherence support" David Rand (PI), Jonas Jonasson (PI), Erez Yoeli (Co-PI). 9/1/2020-6/30/2021, \$60,000.

- 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 Grant #2019-9353: “Harnessing the wisdom of the crowd to identify misinformation online.” David Rand (PI). Gift given 7/2019. \$300,000
- 2019 John Templeton Foundation Grant #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 Nexus (associate editor), PNAS (ad hoc), Current Opinion in Psychology

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. “Beyond the lab: Testing anti-misinformation interventions using social media field experiments” Misinformation pre-conference, American Psychological Association, Washington DC, August 2023
2. “Understanding and Reducing Online Misinformation”, The Web Conference and WebSci2023 joint keynote, Austin TX, May 2023
3. “Understanding and Reducing Online Misinformation Across 16 Countries on Six Continents”, Symposium on Usable Privacy and Security, August 2022
4. “Harnessing Polarization to (Help) Solve the Misinformation Problem”, Aarhus ’22 Conference on Online Hostility and Bystanders, Aarhus University, June 2022
5. “The Psychology of Fake News”, Department of Economics, Monash Business School, May 2022
6. “Understanding and Reducing Online Misinformation Across 16 Countries on Six Continents”, Department of Chemistry, University of Patras, January 2022
7. “Understanding and Combatting COVID-19 Misinformation”, DIA Global Pharmacovigilance and Risk Management Strategies Conference, January 2022
8. “Understanding and reducing misinformation online”, Annenberg School of Communication, University of Pennsylvania, October 2021
9. “Understanding and reducing the spread of misinformation online”, European Group of Public Administration Conference, September 2021
10. “Understanding and reducing the spread of misinformation online”, Information Credibility & Alternative Realities in Troubled Democracies Workshop, International Conference on Web and Social Media, June 2021
11. “Understanding and reducing the spread of misinformation online”, ICARE Chile, September 2020
12. “Understanding and reducing the spread of misinformation online”, Behavioral Science Colloquium, UT Austin, September 2020
13. “Fake news: Why we fall for it and what to do about it” Annenberg School of Communications, University of Pennsylvania, October 2019
14. “Understanding and combatting misinformation”, Latin-American Workshop on Experimental and Behavioral Social Science, Universidad de Santiago de Chile, December 2018
15. “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
16. “Cooperation, fast and slow: The social heuristics hypothesis”, Intuition, Reasoning, and Prosocial Behavior SOCRATES Workshop, University of Pisa, Italy February 2017
17. “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
18. “Intuitive social heuristics and deliberative self-interest”, *Is Sin Original?* symposium, University of Amsterdam May 2016
19. “Human cooperation”, Human Computation & Crowdsourcing (HCOMP), San Diego CA November 2015
20. “Habits of virtue and the Social Heuristics Hypothesis”, International Conference on Social Dilemmas, Hong Kong, June 2015

21. “Habits of virtue and norms of prosociality”, Behavioral Ethics Conference, University of Central Florida, Orlando FL, Feb 2014
22. “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 resisting misinformation”, Fish & Richardson P.C., November 2023
2. “Reducing misinformation sharing on social media using digital ads”, Northeast Marketing Consortium, Dartmouth College, October 2023
3. “Reducing misinformation sharing on social media using digital ads”, Kellogg Marketing Camp, Northwestern University, August 2023
4. “Understanding and Reducing Online Misinformation”, University of Milan Bicocca, Italy, May 2023
5. “How Polarization Can Help Solve the Misinformation Problem”, Workshop on Mathematical Social Science, University of Pennsylvania, April 2023
6. “How Polarization Can Help Solve the Misinformation Problem”, HBS Marketing Group, April 2023
7. “How Polarization Can Help Solve the Misinformation Problem”, Schwartz Reisman Institute for Technology and Society, University of Toronto, March 2023
8. “How Polarization Can Help Solve the Misinformation Problem”, Harvard Psychology, February 2023
9. “How Polarization Can Help Solve the Misinformation Problem”, Vrije Universiteit Amsterdam, February 2023
10. “The Psychology of Fake News”, Berkman-Klein Center, Harvard University, November 2022
11. “How Polarization Can Help Solve the Misinformation Problem”, UC Berkeley School of Information, November 2022
12. “How Polarization Can Help Solve the Misinformation Problem”, George Mason University, November 2022
13. “How Polarization Can Help Solve the Misinformation Problem”, Santa Fe Institute, November 2022
14. “The Psychology of Fake News”, P/E Investments, September 2022
15. “How Polarization Can Help Solve the Misinformation Problem”, Operations, Information and Decisions Department, Wharton, November 2022
16. “Why people believe and share misinformation and “fake news””, Addressing Inaccurate and Misleading Information about Biological Threats Workshop 2, U.S. National Academies of Sciences, Engineering, and Medicine, June 2022
17. “Harnessing the Wisdom of Crowds to Identify Misinformation at Scale”, Poynter Global Fact-checking Summit, Oslo Norway, June 2022
18. “Understanding and Reducing Online Misinformation Across 16 Countries on Six Continents”, NYU Center for Social Media and Politics, June 2022
19. “Understanding and Reducing Online Misinformation Across 16 Countries on Six Continents”, Management & Organizations Department, Kellogg, June 2022
20. “Understanding and Reducing Online Misinformation Across 16 Countries on Six Continents”, Invited panel at CogSci 2022, June 2022
21. “Understanding and Reducing Online Misinformation Across 16 Countries on Six Continents”, London School of Economics, April 2022
22. “Favorite Shortcuts for our Brains: Cognitive Aspects of Information Consumption”, IREX Webinar for Media Literacy in the Baltics, April 2022
23. “Understanding and reducing online misinformation”, Airbnb Data Science Learning Lunch, April 2022
24. “Understanding and Reducing COVID-19 Misinformation”, Roundtable on COVID-19 misinformation with US Surgeon General Dr. Vivek Murthy, Northeastern University, April 2022
25. “Understanding and Reducing Online Misinformation Across 16 Countries on Six Continents”, Virtual experimental economics seminar, Middlebury Experimental Economics Lab, April 2022
26. “Why people believe and share misinformation and “fake news””, Addressing Inaccurate and Misleading Information about Biological Threats Workshop 1, U.S. National Academies of Sciences, Engineering, and Medicine, April 2022
27. Intervention Science: Harnessing Psychology to Address Real-World Social Problems Preconference, Society for Personality and Social Psychology meeting, February 2022
28. “The psychology of misinformation”, Counter Disinformation Webinar, Shorenstein Center, Harvard University, January 2022

29. "Understanding and Reducing Online Misinformation Across 16 Countries on Six Continents", Penn Center for Social Norms & Behavioral Dynamics, January 2022
30. "Understanding and reducing misinformation online", All Party Parliamentary Group on Artificial Intelligence UK - Evidence Meeting on Cybersecurity and Regulation, November 2021
31. "Understanding and reducing misinformation online", T-TRIPODS institute, Tufts University, November 2021
32. "Understanding and reducing misinformation online", Experimental Economics Center, Georgia State University, November 2021
33. "Understanding and reducing misinformation online", Social Psychology and Center for Law & Social Science, University of Southern California, November 2021
34. "Understanding and reducing misinformation online", Max Planck Institute for Human Development, Berlin, Germany, October 2021
35. "Understanding and reducing misinformation online", Center for Security Research and Education, Pennsylvania State University, October 2021
36. "Understanding and reducing misinformation online", Marketing Group, Hass School of Business, University of California, Berkeley, September 2021
37. "Social media field experiments", American Marketing Association conference, August 2021
38. "Understanding and reducing the spread of misinformation online", Behavioral Insights Global Behavioral Insights Seminar Series, June 2021
39. "Understanding and reducing the spread of misinformation online", American Meteorological Society Washington Forum, April 2021
40. "Understanding and reducing the spread of misinformation online", Workshop on Misinformation Integrity in Social Networks, The Web conference, April 2021
41. "Understanding and reducing the spread of misinformation online", Institute for Advanced Study, Toulouse France, March 2021
42. "Fighting COVID-19 misinformation on social media", Consortium of Universities for Global Health, March 2021
43. "Understanding and reducing the spread of misinformation online", Society for Personality and Social Psychology, Evolutionary Psychology pre-conference, February 2021
44. "Social media field experiments investigating misinformation and polarization", Wharton Marketing Camp, Marketing Department, Wharton School, University of Pennsylvania, February 2021
45. "Understanding and reducing the spread of misinformation online", Max Plank Institute, Bonn Germany, November 2020
46. "Understanding and reducing the spread of misinformation online", University of Pennsylvania, November 2020
47. "Understanding and reducing the spread of misinformation online", Marketing group, Johns Hopkins Carey Business School, September 2020
48. "Understanding and reducing the spread of misinformation online", Stanford Cyber Policy Center, July 2020
49. "Understanding and reducing the spread of misinformation online", Institute for the Digital Economy conference, MIT May 2020
50. "Understanding and reducing the spread of misinformation online", TikTok, April 2020
51. "Understanding and reducing the spread of misinformation online", Exploring Media Ecosystems Conference, MIT, March 2020
52. "Understanding and reducing the spread of misinformation online", Twitter, February 2020
53. "Understanding and reducing the spread of misinformation online", Harvard Kennedy School, February 2020
54. "Understanding and reducing the spread of misinformation online", Harvard Business School, December 2019
55. "Fake news: Why we fall for it and what to do about it", Harvard Kennedy School, April 2019
56. "Fake news: Why we fall for it and what to do about it", Department of Brain and Cognitive Sciences, MIT, April 2019
57. "Fake news: Why we fall for it and what to do about it", Naveen Jindal School of Management, UT Dallas, March 2019
58. "Fake news: Why we fall for it and what to do about it", Anderson School of Management, UCLA, March 2019
59. "Fake news: Why we fall for it and what to do about it", Psychology Department, Stanford University, February 2019

60. "Fake news: Why we fall for it and what to do about it", Interdisciplinary Network Research Group, Dartmouth College, January 2019
61. "Fake news: Who falls for it and what to do about it", Psychology Department, University of Washington, November 2018
62. "Fake news: Who falls for it and what to do about it", Information Systems group, Questrom School of Business, Boston University, October 2018
63. "Fake news: Who falls for it and what to do about it", Northeast Marketing Consortium 2018, Harvard Business School, September 2018
64. "Fake news: Who falls for it and what to do about it", Psychology Department, Northeastern University, September 2018
65. "How you can help combat fake news", TEDx Cambridge Salon, August 2018
66. "Fake news: Who falls for it and what to do about it" Cognitive Science (CogSci), Madison WI, July 2018
67. "Fake news: Who falls for it and what to do about it" Disinformation Online conference, Columbia University, July 2018
68. "Promoting cooperation and fighting fake news", Behavior Change Knowledge Network, Her Majesty's Treasury, London July 2018
69. "The cognitive science of fake news", Facebook HQ, April 2018
70. "The cognitive science of fake news", NYU Social Psychology seminar, April 2018
71. "The cognitive science of fake news", Social Media and Democracy, Stanford University, April 2018
72. "The cognitive science of fake news", Exploring Media Ecosystems conference, MIT Media Lab, March 2018
73. "Understanding and combating fake news," PSP Pre-Conference, American Association of Publishers, Washington DC, February 2018
74. "Understanding and combating fake news," Cognitive Science Colloquium, University of Connecticut, November 2017
75. "Understanding and combating fake news," Yale Institute for Network Science, October 2017
76. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Department of Experimental Psychology, University College London, UK December 2016
77. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Psychology and Behavioral Science Colloquium, London School of Economics, UK December 2016
78. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Cognitive Science Colloquium, University of Maryland, College Park MD November 2016
79. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Psychology Department, Cornell University, Ithaca NY October 2016
80. "Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation", Arison School of Business, Israel July 2016
81. "Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation", King's College, London UK June 2016
82. "Cooperation, fast and slow: Meta-analytic evidence for a theory of social heuristics and self-interested deliberation", Middlesex College, London UK June 2016
83. "The cognitive underpinnings of human cooperation", Brain & Cognitive Sciences, MIT, Cambridge MA May 2016
84. "Intuition, deliberation, and human cooperation", Positive Psychology Center, University of Pennsylvania, Philadelphia PA April 2016
85. "Human cooperation", Inspiring Yale, Yale University, New Haven CT March 2016
86. "Human cooperation", Environmental Economics Seminar, Yale University, New Haven CT February 2016
87. "Intuition, deliberation, and human cooperation", Marketing Seminar, Sloan School, MIT, Cambridge MA February 2016
88. "Evolution of intuitive cooperation and rational self-interest", CLIPS, Brown University September 2015
89. "Fostering purposeful prosociality", New Paths to Purpose capstone meeting, Booth School of Business, University of Chicago June 2015
90. "Habits of virtue & social heuristics; Or, where do social preferences come from?", Social Dilemmas Conference, Brown University, Providence RI May 2015
91. "Habits of virtue and the role of social heuristics in human cooperation", Organization Studies Seminar, Sloan School, MIT, Cambridge MA April 2015
92. "Habits of virtue and the role of social heuristics in human cooperation", Marketing Seminar, Sloan School, MIT, Cambridge MA April 2015

93. "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
94. "Intuitive prosociality", Motivation and Emotion Science Symposium, Private SPSP Preconference February 2015
95. "Human cooperation", Social Psychology Brown Bag, UMass Amherst February 2015
96. "Social heuristics: The role of intuition in cooperation & punishment", Conference on Cognitive Control and Social Decision Making, Toulouse School of Economics, France, January 2015
97. "Social heuristics: Intuition versus deliberation & cooperation", Cognition and Perception Seminar, New York University, November 2014
98. "Human cooperation", Oxford University Press PsychTalk, November 2014
99. "Human cooperation", Behavioral Economics and Philanthropy Conference, Harvard Kennedy School, November 2014
100. "Automatic social prospection", Prospection in Social Life Conference, Barcelona Spain, October 2014
101. "Promoting human cooperation and building habits of virtue", Decision Processes Colloquium, Wharton School, University of Pennsylvania, September 2014
102. "Harnessing network effects to promote human cooperation", Yale Institute for Network Science, September 2014
103. "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
104. "Institutions and Purpose: How Rules 'Crowd In' or 'Crowd Out' Purposeful Prosociality", Booth School of Business, University of Chicago, June 2014
105. "Cooperation on social networks", Invited Symposium, Association for Psychological Science, Berkeley CA, May 2014
106. "Spontaneous giving and calculated greed: the automatic psychology of cooperation", Psychology Department Colloquium, Smith College, April 2014
107. "Strategies used in noisy repeated games: experimental evidence", Economics Micro Theory Lunch, Yale University, March 2014
108. "Intuitive cooperation and habits of virtue", Moral Philosophy Workshop, Yale University, Feb 2014
109. "Slow to anger and fast to forgive: cooperation in an uncertain world", Cooperation and Competition Pre-conference, SPSP, Austin TX, Feb 2014
110. "Intuitive cooperation and habits of virtue", NIH Intramural Research Program, Bethesda MD, Jan 2014
111. "Habits of virtue and norms of prosociality", Compassion Research Day, Facebook HQ, December 2013
112. "Habits of virtue: Creating norms of cooperation and defection in the laboratory", Economics/Strategy Seminar, Rady School of Management, UC San Diego, November 2013
113. "Intuitive Cooperation and Habits of Virtue", Behavioral & Cognitive Neuroscience Seminar, Columbia University, October 2013
114. "Intuitive Cooperation and the Social Heuristics Hypothesis", Affective Brain Lab, University College London, October 2013
115. "Why we cooperate", Social Cognition Brownbag, Brown University, October 2013
116. "Understanding human social behavior via data generation", Day of Data, Yale University, September 2013
117. "Why we cooperate", Social Psychology Seminar, Yale University, September 2013
118. "Habits of virtue: Creating norms of cooperation and defection in the laboratory", Workshop on Experimental Game Theory, Stony Brook NY, July 2013
119. "Engineering cultures of cooperation", Strategy Research Initiative, Columbia Business School, June 2013
120. "Institutions build intuitions: Evolving cultures of cooperation and defection in the laboratory", Behavioral and Experimental Economics Seminar, Department of Economics, Harvard University, April 2013
121. "Designing and living in a cooperative world", Learning Innovations Laboratory, Harvard Graduate School of Education, March 2013
122. "Spontaneous giving and calculated greed", Department of Psychology, New York University, March 2013
123. "Spontaneous giving and calculated greed", Media Lab, Massachusetts Institute of Technology, March 2013
124. "Spontaneous giving and calculated greed", Department of Psychology, Northeastern University, February 2013

125. "Spontaneous giving and calculated greed", Center for Collective Intelligence, Massachusetts Institute of Technology, February 2013
126. "Creating & destroying norms of cooperation in the lab", Biological Anthropology, Yale University, February 2013
127. "Spontaneous giving and calculated greed", Evolution of Religion, Cooperation and Morality thematic series, University of British Columbia, November 2012
128. "Designing and living in a cooperative world", PopTech Conference, Camden ME, October 2012
- [PopTech Science Fellow]**
129. "Cooperation and norm enforcement across cultures", European Policies from a Behavioral Economics Perspective, European Commission Joint Research Centre, Ispra Italy, September 2012
130. "Constructing and living in a cooperative world", Management Leadership and Decision Sciences seminar, Kennedy School of Government, Harvard University, February 2012
131. "Constructing and living in a cooperative world", Department of Psychology, Harvard University, January 2012
132. "Cooperation in an uncertain world", Social and Decision Sciences, Carnegie Mellon University, January 2012
133. "Constructing and living in a cooperative world", Department of Psychology, Princeton University, January 2012
134. "Constructing and living in a cooperative world", Negotiation Organizations and Markets seminar, Harvard Business School, January 2012
135. "Constructing and living in a cooperative world", Kellogg School of Management, Northwestern University, January 2012
136. "Cooperation in an uncertain world", Booth School of Business, University of Chicago, January 2012
137. "Constructing and living in a cooperative world", Department of Psychology, Yale University, December 2011
138. "Constructing and living in a cooperative world", School of Management, Yale University, December 2011
139. "The evolution of antisocial punishment", The Foundations of Moral Preferences, Centre for the Study of Mind in Nature, University of Oslo, November 2011
140. "Reward, punishment, and the maintenance of large-scale cooperation", Center for Human Science, Chapel Hill NC, October 2011
141. "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
142. "Cooperation and spite: an evolutionary game theoretic perspective", Psychology Department, Princeton University, September 2011
143. "Punishment, spite and the evolution of cooperation", Complex Systems Seminar, Northwestern University, September 2011
144. "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
145. "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
146. "Slow to anger and fast to forgive: cooperation in an uncertain world", Max Plank Institute for Research on Collective Goods, April 2011
147. "The evolutionary dynamics of human cooperation", Applied Mathematics Colloquium, Massachusetts Institute of Technology, March 2011
148. "Reward, punishment and the evolution of human cooperation", New England Complex Systems Institute / MIT Engineering Systems Division Seminar, Massachusetts Institute of Technology, March 2011
149. "Reward, punishment and the evolution of cooperation", Coping with Crises in Complex Socio-Economic Systems Seminar, ETH Zurich, March 2011
150. "Reward, punishment and the evolution of cooperation", Human Evolutionary Biology department colloquium, Harvard University, November 2010
151. "Reward, punishment and public goods", Experimental Economics Seminar, George Mason University, November 2010
152. "Slow to anger and fast to forgive: cooperation in an uncertain world", Behavioral and Experimental Economics Seminar, Harvard University, November 2010

153. “The online laboratory: taking experimental social science onto the internet”, Berkman Center for Internet & Society Luncheon Series, Harvard University
154. “The evolution of anti-social punishment”, The Nature of Preferences and Decision-Making, The Tinbergen Institute, University of Amsterdam, September 2010
155. “Reward, punishment and the evolution of cooperation”, Department of Complex Systems Seminar, University of Michigan, September 2010
156. “A genetic basis of serial entrepreneurship”, Innovation and Economic Growth, Lake Tahoe NV, May 2010
157. “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
158. “The evolution of cooperation, and what it can teach us about mortality”, Moral Biology Conference, Harvard Law School, April 2010
159. “Reward, punishment and the provisioning of public goods”, Critical Perspectives on Law and Economics Seminar, University of Minnesota Law School, March 2010
160. “Winners don’t punish”, Department of Mathematics Seminar, Wilfrid Laurier University, Waterloo Canada, March 2010
161. “Human cooperation, an evolutionary perspective”, Behavioral Economics & Decision Research Seminar, Cornell University, February 2010
162. “The evolutionary dynamics of altruistic cooperation”, Applied Mathematics Colloquium, Cornell University, February 2010
163. “Rewards outperform punishment for promoting public cooperation”, Museum of Comparative Zoology Lunch Series, Harvard University, October 2009
164. “Winners don’t punish”, International Symposium on Complex Networks and Evolutionary Dynamics, Xidian University, Xi’an, China, October 2009
165. “Winners don’t punish”, Conference on Evolutionary Dynamics, Peking University, Beijing, Oct 2009
166. “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
167. “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
168. “Anti-social punishment and the evolution of cooperation”, Plants and the evolution of cooperation and trading, Harvard Plant Biology Symposium, Cambridge MA, May 2009
169. “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
170. “Winners don’t punish”, Mind Brain and Behavior Seminar, Harvard University, November 2008
171. “Modeling the evolution of cooperation”, Modeling Social Behavior, National Institutes of Health, Bethesda MD, November 2008
172. “Winners don’t punish”, Japanese Society for Mathematical Biology, Kyoto University, Kyoto, Japan, September 2008
173. “Winners don’t punish”, 12th Experimental Social Sciences Conference, Tokyo Institute of Technology, Ookayama, Japan, September 2008
174. “Winners don’t punish”, Law Behavior and the Brain, Gruter Institute for Law and Behavioral Research, Lake Tahoe NV, May 2008
175. “Altruism, Cooperation and Evolution”, Boston Museum of Science, November 2007
176. “Punishment and cooperation in the Prisoner’s Dilemma”, Research Opportunities in Mathematical Evolution Colloquium, Harvard University, March 2007

Conference talks

1. “Race and the Criminalization of Addiction”, Behavioral Science and Health Symposium, University of Pennsylvania, November 2023
2. “Reducing misinformation sharing on social media using digital ads”, Conference on Digital Experimentation, MIT, November 2023
3. “Just Tellin’ Lies? Partisanship, fake news sharing, and dishonesty” Midwestern Political Science Association, April 2023
4. “Understanding and Reducing Online Misinformation Across 16 Countries on Six Continents”, Society for Judgment and Decision-Making, February 2022

5. "Shared partisanship dramatically increases social tie formation", Society for Judgment and Decision-Making, February 2022
6. "Reducing the spread of news we (should) know is false", Academy of Management, Boston, August 2019
7. "Combatting fake news", Society for Judgment and Decision-Making, New Orleans LA, November 2018
8. "Misinformation: Who falls for it and how to fight it", SESP, Seattle WA, October 2018
9. "Fake news: Who falls for it and what to do about it", Politics and Computational Social Science pre-conference, Boston MA, August 2018
10. "Cooperation, fast and slow: Intuitive social heuristics and self-interested deliberation", Society for Judgment and Decision-Making, Boston MA, November 2016
11. "Social heuristics and habits of virtue", Association for Psychological Science, New York NY, May 2015
12. "The Evolution of Intuitive Cooperation", Society for Personality and Social Psychology, Long Beach CA, Feb 2015
13. "Habits of Virtue: Creating Norms of Cooperation and Defection in the Laboratory", Society for Personality and Social Psychology, Austin TX, Feb 2014
14. "Institutions build intuitions: Evolving cultures of cooperation and defection in the laboratory", Society for Experimental Social Psychology, UC Berkeley, September 2013
15. "Spontaneous giving and calculated greed", Society for Personality and Social Psychology 2013, New Orleans, January 2013
16. "Reward, punishment, and the maintenance of large-scale cooperation", Society of Experimental Social Psychology, Washington DC, October 2011
17. "Slow to anger and fast to forgive: cooperation in an uncertain world", Economic Science Association International Meeting 2011, University of Chicago, July 2011
18. "Noise, heterogeneity and the evolution of human cooperation", Eighth International Conference on Complex Systems, Boston, June 2011
19. "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]
20. "The evolution of anti-social punishment", 14th International Symposium on Dynamic Games and Applications, Banff Canada, June 2010
21. Eastern Regional Photosynthesis Conference, Woods Hole MA, April 2004
22. Eastern Regional Photosynthesis Conference, Woods Hole MA, April 2003