

Sara Constantino

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Academic Positions

- 2022 *Assistant Professor*
School of Public Policy and Urban Affairs; Department of Psychology; Marine and Environmental Sciences
Northeastern University, MA
- 2022-present *Visiting Research Scholar*
2020-2021 *Associate Research Scholar*
2018-2019 *Postdoctoral Research Associate*
School of Public and International Affairs; Center for Policy Research on Energy and the Environment (CPREE); Andlinger Center for Energy and the Environment (ACEE); The High Meadows Environmental Institute (PEI)
Princeton University, Princeton, NJ

Education

- 2009-16 *Doctor of Philosophy: Cognitive and Decision Sciences*
Department of Psychology and Brain Sciences, New York University, New York, NY
- Supervised by Nathaniel Daw and Paul Glimcher
 - Focus: decision-making, behavioral science, economics, computational modeling
- 2007-08 *Master of Science: Economics*
University College London, London, UK
- Distinction in macroeconomics, time series econometrics, development economics
 - Distinction for dissertation, focus labor and development economics
- 2001-06 *Bachelor of Arts: Economics (honors), Psychology (major), Russian language & literature*
McGill University, Montreal, QC, Canada
- First-class honors

Professional Experience

- 2018-2020 Senior Research Fellow, *Jain Family Institute*
- 2016-18 Associate Editor, *Nature Human Behaviour*, Nature Research Group, Springer Nature, New York
- 2009-20 Policy Analyst & Econometrician, The Economist Group, London, UK
- Clients include: World Bank, Aspen Institute, Nuclear Threat Initiative, Amgen
- 2014-16 Research Associate, University College London and Institute for Fiscal Studies, London, UK
- Joint project on sustainable development between IFS, World Bank, Inter-American Development Bank, Government of Rio de Janeiro
- 2008-09 Economist, The Economist Intelligence Unit, The Economist Group, London, UK
- 2003-05 Research Assistant, Prof. Jim Engle-Warnick, McGill University, Montreal, Canada

Peer-Reviewed Publications

- 2022 Ehret, S.*, Constantino, S.M.*, Weber, E.U., Efferson, C., Vogt, S. “Group Identities Can Undermine Social Tipping After Intervention.” *Nature Human Behavior*, 1-11
- 2022 Constantino, S.M., Cooperman, A., Weber, E.U., Keohane, R.O. “Personal Hardship Narrows the Partisan Gap in COVID-19 and Climate Change Response.” *Proceedings of the National Academy of Science (PNAS)*. 119(46)
- 2022 Constantino, S.M., Sparkman, G., Kraft-Todd, G., Bicchieri, C., Centola, D., Shell-Duncan, B., Vogt, S., and Weber, E.U. “Scaling Up Change: A Critical Review and Practical Guide to Harnessing Social Norms for Climate Action.” *Psychological Science in the Public Interest (PSPI)*, 23(2), 50-97.
- 2022 Sisco, M., Constantino, S.M., Gao, Y., Tavoni, M., Cooperman, A.D., Bossetti, V., Weber, E.U. “Finite Pool of Worry: Evidence and Qualifications.” *Global Environmental Change* [Accepted]
- 2022 Constantino, S.M.*, Krueger, E.*, Centeno, M.A., Elmqvist, T., Weber, E.U., and Levin, S. “Governing Sustainable Transformations of Urban Social-Ecological-Technological Systems.” *npj Urban Sustainability*, 2(1),1-12.
- 2022 Roll, S., Constantino, S.M., Hamilton, L. “How do Americans Spend Direct Cash Transfers? Results from Two Nationally Representative Surveys” *Social Service Review* [Accepted]
- 2022 Yang, L., Constantino, S.M., Grenfell, B.T., Weber, E.U., Levin, S.A., Vasconcelos, V.V. “Socio-cultural determinants of global mask-wearing behavior” *Proceedings of the National Academy of Science (PNAS)*, 119(41)
- 2022 Zirou, Q., Espinoza, B., Vasconcelos, V.V., Chen, C., Constantino, S.M., Crabtree, S.A., Yang, L., Vullikanti, A., Chen, J., Weibull, J., Basu, K., Dixit, A., Levin, S., Marathe, M. Understanding the Co-Evolution of Mask-Wearing and Epidemics: A Network Perspective. *Proceedings of the National Academy of Science (PNAS)*, 119(26).
- 2021 Constantino, S.M., Cooperman, A.D., Moreira, T.M.Q. “Voting in a Global Pandemic: Assessing Dueling Influences of Covid-19 on Turnout.” *Social Science Quarterly*, 102(5), 2210-2235.
- 2021 Vasconcelos, V., Constantino, S.M., Dannenberg, A., Lumkowsky, M., Weber, E.U., Levin, S. “Segregation and Clustering of Preferences Erode Socially Beneficial Coordination.” *Proceedings of the National Academy of Science (PNAS)*, 118(50)
- 2021 Constantino, S.M. and Weber, E.U. “Decision-Making Under the Deep Uncertainty of Climate Change: The Psychological and Political Agency of Narratives.” *Current Opinion in Psychology*. 42, 151-159.
- 2021 Constantino, S.M., Pianta, S., Rinscheid, A., Frey, R., Weber, E.U. “The Source is the Message: The Role of Institutional Signals on Individual Norm Perceptions.” *Climatic Change*, 166(3), 1-20
- 2021 Constantino, S.M., Wijermans, N., Weber, E.U., Schlüter, M. “Behavior in Context: Towards a Comprehensive Selection and Taxonomy of Behavioral Theories for Socio-Ecological Systems Research.” *Sustainability Science*, 16(5), 1651-1671.
- 2019 Constantino, S.M., et al. “Twenty Questions About Design Behavior for Sustainability. Report of the International Expert Panel on Behavioral Science for Design, New York.” *Nature Sustainability*.

- 2018 Constantino, S.M., Dalrymple, J., Gilbert, R.W., Varanese, S., Di Rocco, A. and Daw, N.D. “A Neural Mechanism of the Opportunity Cost of Time.” [Revise and resubmit: *Journal of Neuroscience*]
- 2017 Lenow, J.K., Constantino, S.M., Daw, N.D. and Phelps, E.A. “Chronic and Acute Stress Promote Overexploitation in Serial Decision Making.” *Journal of Neuroscience* 37(23): 5681-5689.
- 2016 Constantino, S.M. and Daw, N.D. “Learning the Opportunity Cost of Time in a Patch-Foraging Task.” *Cognitive, Affective, & Behavioral Neuroscience* 15(4): 837–853.
- 2010 Constantino, S.M. and Daw, N.D. “A Closer Look at Choice.” News and Views, *Nature Neuroscience* 13: 1153–1154.

Papers and Projects Under Review and In Prep

- 2022 Composto, J.R., Constantino, S.M., Weber, E.U. “Predictors and Consequences of Pro-Environmental Behavior at Work” [Under review]
- 2022 Constantino, S.M. and Composto, J.R. “Rousing the Sleeping Giants: Organizational Decision-Making and Climate Finance.” [Series of projects, ongoing]
- 2022 Balakrishnan, S., Chan, S., Constantino, S.M., Haushofer, J. Morduch, J. “Testing a Basic Income on Financial, Physical and Psychology Well-being in the United States.” [Ongoing]
- 2022 Chaudry, A., Constantino, S.M., Morduch, J. “Household Response to a Guaranteed Income Policy: Bringing Survey Results to Life with Qualitative Interviews.” [Ongoing]
- 2022 Constantino, S.M. “Lifting the Veil of Vagueness: How Policy Details Erode Consensus Around Redistribution.” [In prep]
- 2022 Caggiano, H., Constantino, S.M., Grieg, C., Weber, E.U. “Preferences for Low-Carbon and Renewable Energy Infrastructure Projects Among Elected Officials and the Public: Evidence From Pennsylvania.” [In prep]
- 2022 Constantino, S.M., Cooperman, A.D., Munoz, M. “Neighborhood-Based Organizations as Political Actors: Implications for Political Participation, Inequality, and Climate Resilience.” [In prep]
- 2022 Constantino, S.M., Andrews, T, Cooperman, A.D., Gard-Murray, A. “Wildfires in the West: Partisanship and the Politics of Climate Change Attribution.” [In prep]
- 2022 Constantino, S.M. and D’Adda, G. “Natural Disasters Shape Economic and Social Preferences: Evidence from a Global Panel Survey.” [In prep]
- 2022 Heitzig, J., Simmons, F.W., Constantino, S.M. Fair Group Decisions via Non-Deterministic Proportional Consensus. *Social Choice and Welfare*. [Revise & Resubmit]
- 2022 Xiao, A., Sparkman, G., Constantino, S.M. “Like Me or Near Me? Assessing Which Norm Referents Best Promote Energy Conservation in a Field Experiment.” *Environment and Behavior*. [Under review]
- 2022 Sisco, M., O’Brien, S., Reis, L.A., Constantino, S.M., Bosetti, V. “Humans are dangerously unaware of and unresponsive to local air pollution: A multi-national study on human worry, awareness, and adaptation to air pollution” *Journal of Public Health*. [Revise & Resubmit]

Book Chapters

2021 Constantino, S.M. and Zeifman, E. “Cash Transfers, UBI, and a Changing Political Landscape.” *Ethical Perspectives*, 28(1), 63-75.

Special Features

2022 Constantino, S.M., Hale, T., Krueger, E., Anderies, M., Bennett, E., Centeno, M., Weber, E.U., Levin, S., Folke, C. Governance at Critical Junctures. *Proceedings of the National Academy of Science (PNAS)*. [Under Review]

Non-Peer-Reviewed Publications

2022 Antusch, S., Bradshaw, A., Carson, J., Constantino, S.M. et al. Five years of *Nature Human Behaviour*. *Nature Human Behaviour* 6, 11–14.

2021 Constantino, S.M., Rao, K., Cartledge, M. “Opportunity in Crisis: COVID-19 and Preferences for Social Policy.” *Policy & Public Opinion Brief*. The Jain Family Institute.

2021 Constantino, S.M., Rao, K., Cartledge, M. “Shades of Red: Assessing the Spectrum of Republican Preferences for Basic Income.” *Policy & Public Opinion Brief*. The Jain Family Institute.

2021 Cartledge, M., Rao, K., Constantino, S.M. “Risk Attitudes Mitigate the Effects of Political Ideology on Social Values and Support for Universal Basic Income.” *Policy & Public Opinion Brief*. The Jain Family Institute.

2020 Balakrishnan, S., Constantino, S.M., Nunez, S. “Building a Helicopter: The COVID-19 pandemic exposes the implementation challenges of a widespread cash transfer policy.” Jain Family Institute White Paper Series, 1.

2019 Constantino, S. and Nuñez, S. “Networks, Weak Ties, and Thresholds.” Interview with Mark Granovetter. *Phenomenal World*.

2017 Constantino, S. and Zeifman, E. “Paragraphs on Automation.” *DEPOT Magazine*. Issue 01: Decision. (2017).

2017 Research Highlights. *Nature Human Behaviour*.

- Economics: [The Gig is up](#).
- Economics: [Crime and prostitution zones](#).
- Political Science: [Responsibility in markets](#).
- Economics: [Pathways of income mobility](#).
- Criminology: [Modeling proactive policing](#).
- Psychology: [Moral contagion online](#).
- Neuroscience: [Decoding facial recognition](#).
- Economics: [Declining economic mobility](#).
- Political science: [Social networks and fascism](#).
- Economics: [Slow and steady](#).
- Media studies: [Cast a wide net\(work\)](#).
- Neuroscience: [Illusions of ownership](#).
- Economics: [What you don't know can hurt](#).

2017 Constantino, S. “Parasite as Model.” *Rochelle Goldberg: No Where, Now Here*. GAMEC Books. Bergamo, Italy.

Funded Grants and Awards

2022-2024 Household Response to an Income Support Policy: Evidence from a Randomized Experiment in

- The City of Compton. *J-PAL*. PI: Jonathan Morduch; Co-PI: Sara M. Constantino, Johannes Haushofer, Sewin Chan, Sidhya Balakrishnan. Grant Amount: \$120,000.
- 2022-2024 Collaborative Proposal. Building a Framework for the Causes of and Solutions to the Pluralistic Ignorance Gap on Climate Change. *National Science Foundation*, SES-DRMS. PI: Nathan Geiger; Co-PIs: Sara M. Constantino, Gregg Sparkman. Grant Amount: \$620,000. Effort: 2 mos.
- 2022-2023 *Data Driven Social Science Initiative*. Princeton University. A Longitudinal Analysis of Multi-Sector Union Discourse. PI: Sara M. Constantino; Co-PIs: Holly Caggiano, Elke U. Weber, Simon Levin. Grant Amount: \$14,000.
- 2021-23 Collaborative Proposal. Responses to complex disruptive events: Cognition in a Socio-Political-Ecological Context. *National Science Foundation*, SES-DRMS. PI: Elke U. Weber; Co-PIs: Sara M. Constantino, Michael Oppenheimer, Rachael Shwom, Alicia Cooperman. Grant Amount: \$752,607.
- 2021-23 *Economic Pathways to Better Health: Evidence from an Income Support Experiment in Compton*. Robert Wood Johnson Foundation. PI: Johannes Haushofer, S. Co-PIs: Sara M. Constantino, Jonathan Morduch, Sewin Chan, Sidhya Balakrishnan. Grant Amount: \$200,000.
- 2021-23 Household Response to an Income Support Policy: Evidence from a Randomized Experiment in The City of Compton. *J-PAL North America's Work of the Future*. PI: Jonathan Morduch; Co-PI: Sara M. Constantino, Johannes Haushofer, Sewin Chan, Sidhya Balakrishnan. Grant Amount: \$200,000.
- 2020-22 RAPID. Public Responses to Personal and Societal Risk: Attitudes and Behavior on COVID-19 and Global Change. *National Science Foundation*, SES-DRMS. Grant Co-author. PIs: Weber, E.U., Keohane, R.O. Grant Amount: \$191,160.
- 2020-22 Data Driven Social Science Initiative. Princeton University. PI: Sara M. Constantino; Co-PI: Simon Levin, Elke U. Weber, Elisabeth Krueger. Grant Amount: \$30,000.
- 2018 Urban Grand Challenges. Princeton Environmental Institute, Princeton University. PI: Elke U. Weber; Co-PI: Sara M. Constantino. Grant Amount: \$25,000
- 2009-13 MacCracken Fellowship. New York University
- 2013 Fellows Award. Kavli Foundation
- 2013 New Attendees Grant Program. Computational and Systems Neuroscience Annual Meeting.
- 2010 Beijing Delegation. New York University

Pending Grants

- 2022 Inequalities in Political Participation and Climate Adaptation: Relocation and Displacement on the Texas Gulf Coast. *Russell Sage Foundation*. PI: Sara M. Constantino; Co-PI: Alicia Cooperman.
- 2022 Equitable electrification: Addressing political and institutional barriers to decarbonize multi family homes. *Sloan Foundation*: Collaborative Research Projects on Energy System Electrification. PI: Sara M. Constantino; Co-PIs: Rachael Schwom, David Fannon, Holly Caggiano, Elizabeth Holmes. Grant Amount: \$473,406.
- 2022 Origins, Functions, and Mechanisms of Coalitions Around Renewable Energy Transitions in the US. *National Science Foundation*, DRMS. Consultant: Sara M. Constantino; PI: Elke U. Weber;

Co-PIs: Chris Greig. Grant Amount: \$550,243.

Talks

- 2022 Association for Public Policy Analysis and Management; Washington DC
- 2022 Climate Pipeline Workshop; Harvard University, MA
- 2022 Climate Futures Workshop; Princeton University, NJ (Non-presenting co-author)
- 2022 Association of the Collegiates School of Planning (ACSP) Annual Meeting; Toronto, CA (Non-presenting co-author)
- 2022 International Conference on Social Dilemmas; Copenhagen, DK.
- 2022 European Association of Environmental and Resource Economics
- 2022 Einstein Center Climate Change and Public Policy of Human Settlements Symposium (panelist)
- 2022 American Political Science Association (APSA) Annual Convention; Montreal, CA
- 2022 Association for Psychological Science, 34th Annual Convention; Chicago, USA
- 2022 American Psychological Association Division 34 Meeting (online)
- 2022 Princeton Effiliates Partnership Retreat (panelist); Princeton, USA
- 2022 American Association of Geographers, Annual Meeting; New York, USA
- 2021 “New Light: Rising Stars in Energy and the Environment”, Andlinger Center for Energy and the Environment
- 2021 Environmental Politics and Governance, 7th Annual Conference
- 2021 Society of Experimental Social Psychology Annual Conference
- 2021 American Political Science Association (APSA) Annual Convention
- 2021 5th International Conference on Public Policy
- 2021 International Studies Association (ISA) Annual Convention
- 2021 Annual Science Conference. International Council for the Exploration of the Sea. Copenhagen, Denmark.
- 2020 School of International Public Affairs & Earth Institute Joint Seminar, COVID-19: Policymaking in the Throes of a Global Crisis. Columbia University. New York, NY.
- 2020 Norges Bank. Oslo, Norway.
- 2020 Annual Meeting. Andlinger Center for Energy and the Environment. Princeton, NJ.
- 2020 Princeton University-Potsdam Institute for Climate Impact Research-Stockholm Resilience

Center Workshop.

- 2020 The 7th International Degrowth / 16th International Society for Ecological Economics Joint Conference Building Alternative Livelihoods in times of ecological and political crisis. [Postponed because of COVID-19].
- 2020 Climate Central. Princeton University. Princeton, NJ.
- 2020 Neuroscience and Social Decision Making Colloquium. Princeton University. Princeton, NJ.
- 2019 Annual Convention. American Psychological Society. Washington D.C.
- 2018 Norms and Behavioral Change Workshop. University of Pennsylvania. Philadelphia, PA.
- 2018 Institutional Signals & Social Norms. Stockholm Resilience Center, Stockholm University. Stockholm, Sweden.
- 2018 Professional Development Panel. Psychology Department, Princeton University. Princeton, NJ.
- 2017 Fall Conference. Association of Collegiate Schools of Architecture. Marfa, TX.
- 2017 London Conference in Critical Thought. London South Bank University. London, UK.
- 2016 *Mirror Cells* Exhibition Symposium. Whitney Museum of American Art. New York, NY.
- 2016 London Conference in Critical Thought. Birkbeck University. London, UK.
- 2014 Neuroeconomics and Decision-Making Seminar. New York University. New York, NY.
- 2013 Annual Meeting. Society for Neuroeconomics. Lausanne, Switzerland.
- 2013 Annual Meeting. Computational and Systems Neuroscience. Salt Lake City, UT.
- 2013 Cognition & Perception Area Seminars. New York University. New York, NY.
- 2012 NYU Langone Parkinson's Movement and Disorders Center. New York, NY.
- 2012 Decision-Making Group Seminar. New York University. New York, NY.

Teaching, Mentoring and Supervision

- 2022 Assistant Professor, Northeastern University.
- Cooperation in Social Dilemmas, Summer I (size = 5)
 - Environmental Science & Policy, Fall (size = 22)
- 2022 Graduate Advising: Yutong Si, SPPUA, Northeastern University.
- 2022 Undergraduate Advising: Jessica Nemeth, Chemical Engineering, Northeastern University.
- 2020-present Graduate Co-supervision: Jordana Rose Composto. PhD. Psychology Department, Princeton University.
- 2020 Thesis Committee: Will Wojcik Shook, Master's in International Studies, Instituto Universitario

- de Lisboa. “Basic Income from an Ecological Perspective: Measuring and Monitoring its Environmental Impact.”
- 2019-2022 Graduate Supervision: Angela Xiao, Masters Organizational Behavior Thesis, Tsinghua University. “Social norms, social identity and electricity use on a college campus.”
- 2019-22 Undergraduate Advising: Sloan Huebner, Jonathan Lin, Nicole Svensson, Kenzo Lacuarta, Robert Brit, Daniel Liu, Christina Im, Emily Cruz, Emiliya Reinhold, Amina Ahmad, Helen Wang, Audrey Davis. Summer Internship and Research Assistants, Princeton University. Various projects.
- 2019 Undergraduate Advising: Deniz Keles, Maria Fleury, Oleg Golev. Summer Internship, Princeton University. “Understanding Shared Social Norms for Smooth Adoption of Offshore Wind Energy in the State of New Jersey.” [Internal report]
- 2020-2021 Lecturer, Princeton Environmental Institute, Princeton University, Princeton, NJ
 - The Environmental Nexus (size = 230-120) (focus: environmental politics + economics)
- 2018 Adjunct Assistant Professor, New York University, New York, NY
 - Introduction to Psychology (size = ~300)
 - Behavioral Economics (size = ~15)
- 2018 Assistant Instructor, School of Public and International Affairs, Princeton University, Princeton
 - Negotiations & Conflict (size = ~24)
- 2017 Course Development and Instructor, School of Professional Studies, Columbia University
 - Cognitive Bias & Enterprise Risk Management (size = ~6)
- 2016 Assistant Instructor, Computational and Cognitive Neuroscience Summer School, NYU Shanghai, Shanghai, China
 - Computational and Empirical Methods; mentored independent research projects
- 2010-14 Teaching Assistant, New York University, New York, NY
 - Computational and Mathematical Modeling
 - Experimental Methods (Lab in Human Cognition)

Service and Professional Development

Service to the Discipline/Profession

Organization of Workshops, Seminars, Conferences

- 2023 Conference within a conference on “Local Government Capacity and Disasters” at the Southern Political Science Association.
- 2022-2023 National Academies of Science, *Response and Resilient Recovery Strategic Science Initiative - Strategy Group on COVID-19, Ecosystem Services and the Built Environment* [Committee member]
- 2022 National Science Foundation, Human-Environment and Geographical Sciences [Panelist]
- 2022 National Science Foundation, Convergence Accelerator [Panelist]
- 2022 Panel on the “Sociopolitical Dynamics of Extreme Weather Events” at the American Political Science Association [Organizer and Chair]

- 2022 Society for Personality and Social Psychology, Sustainability Pre-Conference [Co-organizer]
- 2022 Symposium on the “Advances in Social Norms Research” at Association of Psychological Science Annual Meeting [Organizer]
- 2020-2022 Earth, Resilience and Sustainability Initiative (ERSI).
 - Organizer of ERSI, a research consortium between the Stockholm Resilience Centre, the Potsdam Institute and Princeton University.
- 2021-2022 Climate Futures Workshop, Princeton University, NJ [Co-organizer]
- 2020-22 Conversations on the Environment, Responsible Energy, And Life (CEREAL), Princeton Environmental Institute. [Co-organizer, with Soclow, R., Welles, H., Rubinstein, R.]
 - Interdisciplinary discussion group.
- 2020-21 Climate Politics-Philosophy Reading Group, Princeton University. [Co-organizer, with Mintz-Woo, K.]
 - Cross-institutional reading group on politics, heterodox economics, philosophy, cognition and governance.
- 2019-20 Rapid Switch Working Group, Princeton University. PIs: Weber, E.U., Fleurbaey, M., Greig, C., Keohane, R.O., Kohli, A., Larson, E., Levin, S., Mauzerall, D., Oppenheimer, M., Socolow, R., White, C. [Co-organizer, with Cooperman, A.]
 - Interdisciplinary meetings with faculty and students to develop comparative India-US research projects under the Rapid Switch research agenda.
- 2019 Expert Panel on ‘Behavioral science for design,’ *Nature Sustainability*. Led by Klotz, L. John Pickering, J., Weber, E.U. [Organizing committee].

Peer Review

Climatic Change, Cognition, Journal of Cognitive Neuroscience, Nature Human Behavior, Nature Machine Intelligence, Proceedings of the National Academy of Sciences, Risk & Analysis, Scientific Reports, PLOS One, National Science Foundation, Journal of Environmental Psychology, Ecological Economics, Nature Communications, Global Environmental Change, European Political Science, Environmental Politics, Social Science Quarterly, National Science Foundation

Professional Development

- 2019 Social Norms: Emergence, Persistence and Effects. DySoC/NIMBioS Investigative Workshop, University of Tennessee. [Organized by Michele Gelfand, Nathan Nunn and Sergey Gavrillets.]
- 2018 Cultural Transmission & Social Norms Workshop, Massachusetts Institute of Technology.
- 2018 Evaluating the Impacts of a Guaranteed Income on the Well-being of New Yorkers. Russell Sage Foundation, Economic Development Corporation, and The Jain Family Institute. [Co-organizer]
- 2017 CASBS Impact Evaluation Design Lab, Center for Advanced Study in the Behavioral Sciences, Stanford University. [Cash transfers and the city]