

Diana I. Tamir

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EMPLOYMENT AND EDUCATION

- 2020- Associate Professor, Department of Psychology, Princeton University
- 2017- Associated Faculty, Princeton Neuroscience Institute, the Andlinger Center for Energy and the Environment
- 2015-2020 Assistant Professor, Department of Psychology, Princeton University
- 2017-2018 Visiting Scholar, Department of Psychology, Hebrew University
- 2014-2015 Postdoctoral Scholar, Department of Psychology, Stanford University
- 2008-2014 Ph.D., Psychology, Harvard University
- 2008-2010 M.A., Psychology, Harvard University
- 2006-2008 Post-graduate Researcher, University of California Davis, Imaging Research Center
- 2002-2006 Sc.B., Cognitive Neuroscience, Brown University

RESEARCH FUNDING

- 2022-2024 National Institute for Mental Health (R21MH127284), *The cognitive and neural mechanisms supporting naturalistic dyadic social interactions* (PI; \$243,000)
- 2022-2024 Schmidt DataX Research Award, *Computational Approaches to Uncovering the Dynamics of the Stream of Thought* (PI; \$125,000)
- 2022-2023 Data-Driven Social Science Initiative, *Developing new tools for measuring emotions and self awareness* (co-I; \$8,400)
- 2021-2023 Data-Driven Social Science Initiative, *Understanding Successful Social Interactions* (PI; \$29,800)
- 2021-2022 PNI Research Innovator Award, *Neural Mechanisms Supporting Naturalistic Social Interactions* (PI; \$76,896)
- 2020-2022 Data-Driven Social Science Initiative, *The Person Project: A research platform for largescale social science* (co-PI; \$125,000)
- 2019-2023 National Science Foundation (BCS-1844559), *Simulating other people shapes the self* (PI; \$570,800)
- 2018-2021 The Eric and Wendy Schmidt Transformative Technology Fund, *The Longitudinal In Vivo Experience Sampling Project* (Co-PI; \$368,000)
- 2018-2022 National Endowment for the Arts, *Enhancing Social Skills Across the Lifespan Through Fiction Reading* (Co-PI; \$200,366)

- 2017-2023 National Institute for Mental Health (R01MH114904), *The structure and dynamics of mental state representations* (PI; \$1,822,500)
- 2016-2017 Princeton E-filliates Award, *Reducing energy consumption with psychological interventions* (PI; \$113,211)
- 2015-2017 Imagination Institute Grant (RFP-15-06), *Identifying the role of simulation in imagination expertise* (PI; \$200,000)
- 2014 Google Research Award, *Quantifying social influence on the Internet with machine learning* (\$60,000)

FELLOWSHIPS AND AWARDS

- 2021 Fellow, Association for Psychological Science
- 2021 Janet T. Spence Award for Transformative Early Career Contributions, Association for Psychological Science
- 2020 Early Career Award, International Social Cognition Network
- 2020 SAGE Young Scholar Award, Society for Personality and Social Psychology
- 2018 Rising Star Award, Association for Psychological Science
- 2016 Small Conference Grant, Society for Personality and Social Psychology
- 2014 Workshop on Perspectives & Future Directions in Social Neuroscience Travel Award
- 2013-2014 Advanced Multimodal Neuroimaging Training Program predoctoral fellowship, Athinoula A. Martinos Center for Biomedical Imaging
- 2012 Society for Neuroscience Travel Award for the FENS Forum
- 2011 American Psychological Association Early Graduate Student Researcher Award
- 2011 Cognitive Neuroscience Society Graduate Students Present Award
- 2011 Alport Fund Research Grant, Harvard University
- 2011 Norman H. Anderson Graduate Psychology Fund, Harvard University
- 2010, 2011 Mind Brain Behavior Graduate Student Award, Harvard University
- 2009-2012 National Science Foundation Graduate Research Fellowship
- 2009, 2010 McMasters Fund Travel Grant, Harvard University
- 2008 Stimson Fund Research Grant, Harvard University
- 2006 Phi Beta Kappa, Magna cum laude, Departmental Honors, Brown University
- 2005 Undergraduate Teaching and Research Fellowship, Brown University
- 2002 National Merit Scholarship

PUBLICATIONS

- Enz, K.F., Tamir, D.I. (in press). Commentary: Simulation does not just inform choice, it changes choice. *Behavioral and Brain Sciences*.
- Nencheva, M.L., Tamir, D.I., Lew-Williams, C. (in press) Caregiver speech predicts the emergence of children's emotion vocabulary. *Child Development*.
- Barrick, E.M., Barasch, A., Tamir, D.I. (2022). The unexpected social consequences of diverting attention to our phones. *Journal of Experimental Social Psychology*, 101, 104344.
- Rubin-McGregor, J., Zhao, Z., Tamir, D. (2022). Simulation Induces Durable, Extensive Changes to Self-Knowledge. *Journal of Experimental Social Psychology*, 98, 104229.
- Tsoi, L., Burns, S.M., Falk, E.B., Tamir, D.I. (2022). The promises and pitfalls of fMRI hyperscanning for social interaction research. *Social and Personality Psychology Compass*.
- Thornton, M. A., Wolf, S., Reilly, B.J., Slingerland, E.G., & Tamir, D. (2022). The 3d Mind Model characterizes how people understand mental states across modern and historical cultures. *Affective Science*.
- Barrick, E. M., Thornton, M. A., Tamir, D. (2021). Mask exposure during COVID-19 changes emotional face processing. *PLoS ONE*.
- Black, J.E, Barnes, J.L., Oatley, K., Richter, T., Tamir, D.I., Dodell-Feder, D., Mar, R.A. (2021). Stories and their role in social cognition. In A. Jacobs & D. Kuiken (Eds.), *Handbook of Empirical Literary Studies*. DeGruyter, 2021, pp. 229-250
- Mildner, J. N., & Tamir, D.I. (2021). The people around you are inside your head: Social context shapes spontaneous thought. *Journal of Experimental Psychology: General*.
- Sachs, M.E., FeldmanHall, O., Tamir, D.I. (2021). Clarifying the link between music and social bonding by measuring prosociality in context. *Behavioral and Brain Sciences*, 44, E90.
- Thornton, M.A., & Tamir, D.I. (2021). Six dimensions describe action understanding: the ACT-FASTaxonomy. *Journal of Personality and Social Psychology*.
- Thornton, M.A., & Tamir, D.I. (2021). People accurately predict the transition probabilities between actions. *Science Advances*, 7(9).
- Thornton, M.A., & Tamir, D.I. (2021). The organization of social knowledge is tuned for prediction. In M. Gilead & K. Ochsner (Eds.), *The Neural Bases of Mentalizing*. Springer Press.
- Weaverdyck, M. E., Thornton, M. A., & Tamir, D. (2021). The representational structure of mental states generalizes across target people and stimulus modalities. *NeuroImage*, 328.
- Thornton, M.A., Tamir, D.I. (2020). Perceiving actions before they happen: Psychological dimensions scaffold neural action prediction. *Social Cognitive and Affective Neuroscience*.
- Thornton, M.A., Tamir, D.I. (2020). People represent mental states in terms of rationality, social impact, and valence: Validating the 3d Mind Model. *Cortex*, 125:44-59.
- Zhao, Z., Mildner, J., Tamir, D.I. (2020). Successful simulation requires bridging levels of abstraction. *Behavioral and Brain Sciences*.
- Zhao, Z., Thornton, M.A., Tamir, D.I. (2020). Accurate emotion prediction in dyads and groups and its

potential social benefits. *Emotion*.

- John, L.K., Slepian, M., Tamir, D.I. (2019). Editorial Overview: Tales of two motives: Disclosure and concealment. *Current Opinion in Psychology*, 31:1-4.
- Jolly, E.P.*, Tamir, D.I.*, Burum, B., Mitchell, J.P. (2019). Wanting without enjoying: The social value of sharing experiences. *PLoS ONE*. 14(4): e0215318.
- Lerner, A.J., Wassermann, E.M., Tamir, D.I. (2019). Seizures from Transcranial Magnetic Stimulation 2012-2016: Results of a survey of active laboratories and clinics. *Clinical Neurophysiology*, 130(8):1409-1416.
- Meyer, M., Waytz, A.G.*, Hershfield, H.E.*, Mildner, J., Tamir, D.I. (2019). Creative expertise is associated with transcending the here and now. *Journal of Personality and Social Psychology*, 116(4), 483494.
- Meyer, M., Zhao, Z., Tamir, D.I. (2019). Simulating other people changes the self. *Journal of Experimental Psychology: General*, 148(11):1898-1913.
- Mildner, J., Tamir, D.I. (2019). Spontaneous thought as an unconstrained memory process. *Trends in Neuroscience*, 42(11): 763-777.
- Thornton, M. A., Weaverdyck, M. E., Mildner, J., & Tamir, D.I. (2019). People represent their own mental states more distinctly than others. *Nature Communications*, 10, 2117.
- Thornton, M. A., Weaverdyck, M. E., Tamir, D. (2019). The brain represents people as the mental states they habitually experience. *Nature Communications*, 10(1), 2291.
- Thornton, M.A., Weaverdyck, M., Tamir, D.I. (2019). The social brain automatically predicts others' future mental states. *Journal of Neuroscience*, 39(1), 140-148.
- Dodell-Feder, D., Tamir, D.I. (2018). Fiction reading has a small positive impact on social cognition: A meta-analysis. *Journal of Experimental Psychology: General*, 147(11), 1713-172.
- Tamir, D.I., Hughes, B.L. (2018). Social Rewards: From basic social building blocks to complex social behavior. *Perspectives on Psychological Science*, 13(6), 700-717.
- Tamir, D.I.*, Templeton, E.M.*, Ward, A.F., Zaki, J. (2018). Media usage diminishes memory for experiences. *Journal of Experimental Social Psychology*, 76, 161-168.
- Tamir, D.I.*, Thornton, M.A.* (2018). Modeling the predictive social mind. *Trends in Cognitive Science*. 22(3), 201-212.
- Thornton, M.A., Tamir, D.I. (2017). Mental models accurately predict emotion transitions. *Proceedings of the National Academy of Sciences*, 114(23), 5982-5987.
- Won, A.S., Shriram, K., Tamir, D.I. (2017). Social distance increases perceived physical distance. *Social Psychological and Personality Science*, 9(3): 372-380.
- Meshi, D., Tamir, D.I., Heekeren, H.R. (2016). Social media and the brain. In B.B. Briesemeister (Eds.), *The neuro-perspective, Neuroscience answers to the most important marketing issues*. Freiburg: Haufe-Lexware.
- Tamir, D.I., Bricker, A.B., Dodell-Feder, D., Mitchell, J.P. (2016). Reading fiction and reading minds: The role of the default network. *Social Cognitive Affective Neuroscience*, 11(2), 215-224.

- Tamir, D.I.*, Thornton, M.A.*, Contreras, J. M., & Mitchell, J. P. (2016). Neural evidence that three dimensions shape organize mental states representations: rationality, social impact, and valence. *Proceedings of the National Academy of Sciences*, 113(1), 194-199.
- Todd, A., Simpson, A., Tamir, D.I. (2016). Active perspective taking induces flexible use of self-knowledge during social inferences. *Journal of Experimental Psychology: General*, 145(12), 1583-1588.
- Meshi, D.*, Tamir, D.I.*, Heekeren, H.R. (2015). The emerging neuroscience of social media. *Trends in Cognitive Science*, 19(12), 771-782.
- Tamir, D.I., Zaki, J., Mitchell, J.P. (2015). Informing others is associated with behavioral and neural signatures of value. *Journal of Experimental Psychology: General*, 144(6), 1114.
- Tamir, D.I., Ward, A.F. (2015). Old Desires, New Media. In W. Hofmann & L. Nordgren (Eds.), *The Psychology of Desire*. New York: Guilford Press.
- Waytz, A.G., Hershfield, H.E.*, Tamir, D.I.* (2015). Mental simulation and meaning in life. *Journal of Personality and Social Psychology*, 108(2), 336-355.
- Tamir, D.I., Mitchell, J.P. (2013). Anchoring and adjustment during social inferences. *Journal of Experimental Psychology: General*, 142(1), 151-162.
- Tamir, D.I., Mitchell, J.P. (2012). Disclosing information about the self is intrinsically rewarding. *Proceedings of the National Academy of Sciences*, 109(21), 8038-8043.
- Tamir, D.I., Mitchell, J.P. (2011). The default network distinguishes construals of proximal versus distal events. *Journal of Cognitive Neuroscience*, 23(10), 2945-2955.
- Tamir, D.I., Mitchell, J.P. (2010). The neural correlates of anchoring-and-adjustment during mentalizing. *Proceedings of the National Academy of Sciences*, 107(24), 10827-10832.
- Engelmann, J.B., Tamir, D. (2009). Individual differences in risk preference predict neural responses during financial decision-making. *Brain Research*, 1290, 28-51.
- Yoon, J.H., Tamir, D., Minzenberg, M.J., Ragland, J.D., Ursu, S., Carter, C.S. (2008). Multivariate pattern analysis of functional magnetic resonance imaging data reveals deficits in distributed representations in schizophrenia. *Biological Psychiatry*, 64, 1035-1041.

PREPRINTS & INVITED MANUSCRIPTS

- Dodell-Feder, D., Liu, G., Amormino, P., Handley, E., & Tamir, D. (2022). The impact of fiction reading on social outcomes: A 4-week randomized controlled study. *PsyArXiv*.
<https://doi.org/10.31234/osf.io/e4n9v>
- Mildner, J.N., & Tamir, D.I. (2022). How does real-world social isolation affect spontaneous thought? *PsyArXiv*. <https://doi.org/10.31234/osf.io/uv4cm>
- Mildner, J.N., & Tamir, D. (2022). Why do we think? The dynamics of spontaneous thought reveal its functions. *PsyArXiv*. <https://doi.org/10.31234/osf.io/ufd4y>
- Mobasser, A., Vijayakumar, N., Tamir, D.I., & Pfeifer, J.H. (2019). Intrinsic value of self-disclosure across adolescence. *PsyArXiv*. <https://doi.org/10.31234/osf.io/bdqrk>

- Özdem-Mertens, C., Meshi, D., Inchauspé, Tamir, D.I. (2022). The reverse spotlight effect: Failing to notice what others notice about us. *PsyArXiv*. <https://doi.org/10.31234/osf.io/hgaqm>
- Schneider, M., Rubin-McGregor, J., & Tamir, D. (2022). Simulation requires the activation of self-knowledge to change self-concept. *PsyArXiv*. <https://doi.org/10.31234/osf.io/92mru>
- Sened, H., Tamir, D.I. (under review). Indirect Accuracy as an Alternative Explanation of Empathic. *Emotion Review*.
- Tamir, D.I., & Thornton, M.A. (invited submission). Predicting other people shapes the social mind. *Advances in Experimental Social Psychology*
- Todd, A., & Tamir, D.I. (invited submission). Egocentric Mentalizing: An Integrative Review of Amplifying and Attenuating Factors in Social Inference. *Nature Reviews Psychology*.
- Thornton, M.A., Rmus, M., Vayas A.D., & Tamir, D.I. (2020). Transition dynamics shape mental state concepts. *PsyArXiv*. <https://doi.org/10.31234/osf.io/kbcjs>
- Zhao, Z., & Tamir, D.I. (2022). Egocentric Projection is a Rational Strategy for Accurate Emotion Prediction. *PsyArXiv*. <https://doi.org/10.31234/osf.io/eun4s>

INVITED TALKS

- 2023 University of Pennsylvania, Wharton School, Decision Processes seminar
University of Chicago, Booth School of Business
- 2022 University of Regensburg, Cognitive Neuroscience colloquium
- 2021 University of Maryland, Neuroscience and Cognitive Science group
California State University Northridge, Psychology Department
- 2020 Johns Hopkins University, Psychological & Brain Sciences Department
University of Zurich, Neuroeconomics Seminar (covid cancelled)
University of Maryland, Neuroscience and Cognitive Science Colloquium (covid cancelled)
University of Chicago, Booth School of Business (covid cancelled)
Brown University, Carney Institute (covid cancelled)
Montreal Neurological Institute, Feindel Virtual Brain and Mind Seminar
University of College London, Affective Brain Lab
Temple University, Brain & Cognitive Sciences and Social Area Colloquium
Yale University, School of Management
Columbia University, Psychology Department
- 2019 Cornell University, Behavioral Economics and Decision Research group
University of California Santa Barbara, SAGE Center for the Study of the Mind
Summer School in Social Neuroscience and Neuroeconomics, Duke University
New York University, Stern School of Business, Marketing area
- 2018 Ohio State University, Psychology Department, Social Psychology program
New York University, Psychology Department, Social Psychology program
University of Illinois Chicago, Psychology Department, Social Psychology area
University of Pennsylvania, Wharton School, Management Department
Tel Aviv University, Center for Brain Function
- 2017 Hebrew University, Department of Psychology, Social & Cognitive program
Hunter College, CUNY, Department of Psychology

University of California, Berkeley, Haas School of Business
 University of Delaware, Department of Psychology, Social Psychology area
 Vrije University, Amsterdam, Netherlands
 ERES Foundation, Munich, Germany
 University of Duisberg-Essen, User-Centered Social Media RTG
 Neuroscience School of Advanced Studies, Siena, Italy
 University of Maryland, Psychology Department, Social program
 Yale University, Psychology Department, Social Personality program
 Harvard Business School, Negotiation Organizations and Markets
 Media Neuroscience Symposium, Duisberg, Germany
 Yale University, Psychology Department, Cognitive/Developmental program
 2016 Brown University, Cognitive Linguistics & Psychological Sciences Department
 Stanford University, Human Computer Interface Seminar
 Princeton University, Cognitive Science Program
 Columbia University, Psychology Department
 2015 Stanford University, Symbolic Systems Forum
 2014 Stanford University, Psychology Department
 University of Pennsylvania, Psychology Department
 University of California, Los Angeles, Psychology Department
 Stanford University, Communications Department
 2013 New York University, Psychology Department
 Princeton University, Psychology Department
 Dartmouth College, Department of Psychological and Brain Sciences
 Cornell University, Psychology Department
 Harvard University, Social Brain Science Symposium
 Dartmouth College, Center for Social Brain Sciences
 2011 Boston College, Psychology Department
 University of Michigan, Center for Culture, Mind, and Brain
 Harvard University, Social Neuroscience Workshop

TEACHING

Fall 2022 Knowing Minds (FRS 133), Freshman seminar, Princeton University
 Spring 2022 Social Psychology (PSY 252), Undergraduate, Princeton University
 Fall 2020
 Spring 2020
 Spring 2019
 Fall 2015
 Fall 2018 The Landscape of Thought (FRS 157), Freshman seminar, Princeton University
 Spring 2017 The Self (FRS 114), Freshman seminar, Princeton University
 Spring 2016 The Self (PSY 400), Undergraduate, Princeton University
 Spring 2012 Contemporary Issues in Psychology: Intensive Cross-Level Analyses for Social and Cognitive Neuroscience (Psych 975), Undergraduate, Harvard University

PROFESSIONAL SERVICE

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|------------------------|---|
| 2022-2025 | Member, Committee on the Course of Study |
| 2022 | Sage Early Trajectory Award Panel, SPSP |
| 2020-2023 | Member, Council of the Princeton University Community |
| 2020-present | Diversity, Equity, and Inclusion Committee Chair, Princeton University |
| 2020-2021 | Faculty Advisory Committee on Policy, Princeton University |
| 2020-2021 | Executive Committee, Council of the Princeton University Community |
| 2019-2022 | Executive Committee, Social Affective Neuroscience Society |
| 2019-2021 | Psychology Colloquium Speaker Series Committee (Chair 2020-2021), Princeton University |
| 2019 | Edward E. Jones Memorial senior prize committee, Princeton University |
| 2018-2021 | Editorial Board: <i>Social Cognitive and Affective Neuroscience</i> |
| 2018 | Review Committee, APA Dissertation Research Award |
| 2017-2020 | Programming Committee, Social Affective Neuroscience Society |
| 2017-2019 | GRE Committee Chair, Princeton University |
| 2017-2018 | Steering Committee, APA Technology Mind & Society Conference |
| 2016-2017 | Meeting Co-Organizer, NY Social & Affective Neuroscience Conference |
| 2016-2017 | Organizer, Social Research Seminar, Princeton University |
| 2015-present | Faculty Fellow, Whitman College, Princeton University |
| 2015-2017 | Consulting Editor: <i>Journal of Experimental Psychology: General</i> |
| <i>Ad hoc reviewer</i> | American Psychologist, Cerebral Cortex, Cognitive Affective and Behavioral Neuroscience, Current Biology, El-Hibri Foundation, Israel Science Foundation, Journal of Cognitive Neuroscience, Journal of Experimental Psychology: General, Journal of Experimental Social Psychology, Journal of Neuroscience, Journal of Personality and Social Psychology, National Science Foundation, Nature Communications, Nature Human Behavior, NeuroImage, Philosophical Psychology, Proceedings of the National Academy of Science, PLOS ONE, Psychological Review, Psychological Science, Scientific Reports, Social Cognitive and Affective Neuroscience, Topics in Cognitive Science, Trends in Cognitive Science |