Tatiana Lau

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Education

Harvard University

2019   Ph.D. in Psychology
                Graduate Affiliate, Institute for Quantitative Social Science
2016   A.M. in Psychology

Princeton University

2009   A.B. in Economics, Certificate in Neuroscience

Employment

Toyota Research Institute

2022-*present*   Research Scientist, Machine Assisted Cognition, Human-Centric AI

Royal Holloway, University of London

2022-*present*   Honorary Research Fellow, Department of Psychology
2019-2022   Lecturer (UK tenure-track Assistant Professor), Department of Psychology

Peer-Reviewed Publications

Sowrirajan, T., Pentland, A., & Lau, T. (*revise and resubmit*). Distributed inference of latent groups for temporal behavior prediction.

Lau, T. (2021). Reframing Social categorization as latent structure learning for understanding political behaviour. *Philosophical Transactions of the Royal Society B: Biological Sciences, 376*, 20200136.

Lau, T., Gershman, S. J., & Cikara, M. (2020). Social structure learning in human anterior insula. *eLife, 9*, e53162.
  - Featured in Parkinson, C. & Du, M. (2020). How Does the Brain Infer Hidden Social Structures? *Trends in Cognitive Sciences, 24*(7), 497-498.
  - Finalist, 2021 Social and Affective Neuroscience Society Innovation Award

Lau, T., Pouncy, H. T., Gershman, S. J., & Cikara, M. (2018). Discovering social groups via latent structure learning. *Journal of Experimental Psychology: General, 147*(12), 1881-1891.

Lau, T. & Cikara, M. (2017). fMRI repetition suppression during generalized social categorization. *Scientific Reports, 7*, 4262.

Cikara, M., Van Bavel, J. J., Ingbretsen, Z. A., & Lau, T. (2017). Decoding "us" and "them": Neural representations of generalized group concepts. *Journal of Experimental Psychology: General, 146*(5), 621-631.

Lau, T., Morewedge, C. K., & Cikara, M. (2016). Overcorrection for social categorization information moderates impact bias in affective forecasting. *Psychological Science, 27*(10), 1340-1351.

van den Bos, W., Li, J., Lau, T., Maskin, E., Cohen, J. D., Montague, P. R. & McClure, S. M. (2008). The value of victory: Social origins of the winner's curse in common value auctions. *Judgment and Decision Making, 3*(7), 483-492.

Grants

2022-2024	British Academy/Leverhulme Small Research Grant, PI (declined)
	Redefining social categorisation as a form of latent structure learning

Honors and Awards

2016-2019	Travel Grants, Department of Psychology, Harvard University
2016-2019	Travel Grants, Institute for Quantitative Social Science, Harvard University
2018	Dissertation Completion Fund, Harvard University
	Summer School in Social Neuroscience and Neuroeconomics, Duke University
	Robach Fund Research Grant, Harvard University
	Graduate Student Travel Award, Society for Personality and Social Psychology
2016	Norman H. Anderson Fund Research Grant, Harvard University
	Honorable Mention, National Science Foundation GRFP
2015	Elsie Hopestill Stimson Research Grant, Harvard University
2008	Class of 1955 Thesis Research Grant, Princeton University

Conference-Related Activities

Chaired Conference Symposia

2019	Association for Psychological Science, Washington, D.C.
	Psychological Foundations of Social Group Categorization (with Mina Cikara)
2017	Association for Psychological Science, Boston, MA
	Psychological Foundations of Group Polarization (with Mina Cikara)

Conference Presentations

2022	Society for Personality and Social Psychology, San Francisco, CA
	Learning latent groups to predict behaviors in networks
2021	Society for Personality and Social Psychology, Online
	Social structure learning in anterior insula

2020	Society for Personality and Social Psychology, New Orleans, LA
	Discovering social groups via latent structure learning

2019	Association for Psychological Science, Washington, D.C.
	Discovering social groups via latent structure learning

2017   Society for Judgment and Decision Making, Vancouver, Canada
             Discovering social groups via latent structure learning

             Association for Psychological Science, Boston, MA
             Overcorrection for social categorization information moderates impact bias in affective forecasting

             Society for Affective Science, Boston, MA
             Overcorrection for social categorization information moderates impact bias in affective forecasting

2016   Preconference on Debiasing Decision Makers, SJDM, Boston, MA
             Overcorrection for social categorization information moderates impact bias in affective forecasting

             Society for Neuroeconomics, Berlin, Germany
             Overcorrection for social categorization information moderates impact bias in affective forecasting

Select Poster Presentations

2018   Social and Affective Neuroscience Society, Brooklyn, NY
             Discovering social groups via latent structure learning

             Society for Personality and Social Psychology, Atlanta, GA
             Discovering social groups via latent structure learning

2017   Society for Neuroeconomics, Toronto, Canada
             Discovering social groups via latent structure learning

             Society for Personality and Social Psychology, San Antonio, TX
             Overcorrection for social categorization information moderates impact bias in affective forecasting

2016   Society for Judgment and Decision Making, Boston, MA
             Overcorrection for social categorization information moderates impact bias in affective forecasting

             Social and Affective Neuroscience Society, New York, NY
             An fMRI adaptation investigation of generalized social categorization

Invited Talks and Public Outreach

2021	Institute for Empirical-analytical Research, Faculty of Social Sciences, Goethe University Frankfurt
	CogniTalks, Cognito Student Union, University of Amsterdam
	Innovators in Cognitive Neuroscience Seminar Series
2020	Deepmind, London, UK

2019	Affective Brain Lab, UCL
	Working Group in Political Psychology and Behavior, Harvard University
	Cognition, Brain, and Behavior Brownbag, Harvard University
	Human Dynamics Group, MIT
	Social Psychology Brownbag, Harvard University
2018	Morality Lab, Boston College
	Social Cognitive Science Lab, University of Toronto
	Taste of Science, Boston, MA
2017	Social and Affective Neuroscience Lab, Brown University
2016	Working Group in Political Psychology and Behavior, Harvard University
	Workshop on Confirmation Bias and Political Polarization, Cambridge, MA

Teaching

Graduate

2019-2021	Advanced and Applied Research Techniques
2019-2021	Intergroup and Interpersonal Processes

Undergraduate

2020-2021	Organizational Behavior
2020-2021	Neuroscience of Emotion and Decision-Making
Spring '18	Psychological Science (with Jason P. Mitchell)
Fall '17	Psychological Science (with Daniel T. Gilbert)
Spring '17	Abnormal Psychology (with Diego A. Pizzagalli)
Fall '16	Psychological Science (with Daniel T. Gilbert)

Service and Activities

Peer reviewing

Journals:	Proceedings of the National Academy of Sciences (PNAS), Psychological Review, Journal of Neuroscience, NeuroImage, Social, Cognitive, and Affective Neuroscience (SCAN), Journal of Experimental Psychology: General, PLOS ONE, Frontiers in Behavioral Neuroscience, Royal Society Open Science, Journal of Homosexuality, Journal of Neuroscience, Psychology, and Economics
Grants:	National Science Foundation (Social, Behavioral and Economic Sciences)

Professional societies

2022	Scientific Review Committee, Meeting of the Social and Affective Neuroscience Society

University service

2020-2022	Academic Misconduct Panel, Department of Psychology
2020	PhD Admissions Committee, Department of Psychology
2019-2022	Research Committee, Department of Psychology
2019-2022	Convener, Social and Affective Processes Research Group