

Tatiana Lau

tlau[at]alumni[dot]harvard[dot]edu

www.tatianalau.com

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
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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