

Haoxue Fan

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EDUCATION	Harvard University , Cambridge, MA, USA	2024 (Expected)
	Ph.D. Candidate, Psychology	
	Secondary Candidate, Computational Science and Engineering	
	M.A. Psychology	2022
	Advisor: Dr. Elizabeth Phelps	
	Peking University , Beijing, China	2019
	B.S. in Psychology (Economics minor), <i>graduated with honors</i>	
	Advisor: Dr. Jian Li	
	University of California, Berkeley , Berkeley, CA, USA	2017
	Visiting student (Summer Session)	
RESEARCH INTERESTS	Learning and decision-making, Information-seeking, Emotion, Social cognition, Computational Psychiatry	
MANUSCRIPT	* co-first author	
	Fan, H. , Gershman, S. J., & Phelps, E. A. (<i>revise and resubmit</i>) Trait somatic anxiety is associated with reduced directed exploration and underestimation of uncertainty [pdf]	
	Kredlow, M.A., Oyarzun, J.P., Fan, H. , Meskin, R., Hirst, W. & Phelps, E.A. (<i>submitted</i>) Language use in narratives of the 9/11 attacks predicts long-term memory	
	Castillo, J*, Fan, H* , Karaman, O.T., Shu, J., Stussi, Y., Kredlow, M.A., Vranos, S., Oyarzun, J.P., Dorfman, H., Sambrano, D., & Phelps, E. A. (<i>in prep</i>) Overestimating negative emotion in autobiographical memory: evidence from memories for the COVID-19 pandemic and 9/11 attacks	
PUBLICATION	Hart, B., Achakulvisut, T., Adeyemi, A., Akrami, A., Alicea, B., Alonso-Andres, A., ... Fan, H. , ... & Wallisch, P. (2022). Neuromatch Academy: a 3-week, online summer school in computational neuroscience. <i>Journal of Open Source Education</i> , 5(49).	
INVITED TALK	Fan, H. (October, 2021). Trait somatic anxiety is associated with reduced directed exploration and underestimation of uncertainty. McGill University, Otto Lab.	
	Fan, H. (October, 2021). Trait somatic anxiety is associated with reduced directed exploration and underestimation of uncertainty. Max Planck Institutes Tübingen, Computational Psychiatry Journal Club.	
CONFERENCE TALK	Fan, H.* , Castillo, J.*, Karaman, O. T., Shu, J., Stussi, Y., Kredlow, M. A., Vranos, S., Oyarzun, J. P., Dorfman, H., Sambrano, D., & Phelps, E. A. (Nov, 2022). Overestimating stress experienced early during the pandemic is associated with decreased emotional well-being. Symposium talk to be presented as part of "Exploring Relationships Between Various Cognitive Mechanisms and COVID-19 Emotional Distress" at the 56th annual convention of the Association for Behavioral and Cognitive Therapies (New York, NY)	
	Fan, H. , Gershman S.J., & Phelps E.A. (September, 2021). Trait somatic anxiety is associated with reduced directed exploration and underestimation of uncertainty. <i>Society for Neuroeconomics Annual Meeting (virtual)</i> . silver best talk award	

CONFERENCE POSTER	Fan, H. , Gershman S. J., & Phelps E. A. (June, 2022). Trait somatic anxiety is associated with reduced directed exploration and underestimation of uncertainty. <i>20th Summer Institute on Bounded Rationality, Berlin, Germany</i>	
	Castillo, J.*, Fan, H.* , Karaman, O. T., Shu, J., Stussi, Y., Kredlow, M. A., Vranos, S., Oyarzun, J. P., Dorfman, H., Sambrano, D., & Phelps, E. A. (May, 2022). Overestimating stress experienced early during the pandemic is associated with decreased emotional well-being. <i>Social and Affective Neuroscience Society Annual Meeting (virtual)</i>	
	Aslarus I., Kredlow, M.A., Fan H. , & Phelps, E.A. (May, 2022). Novelty Exposure Interferes with Visual Emotional Memory Consolidation. <i>Social and Affective Neuroscience Society Annual Meeting (virtual)</i>	
	Kredlow, M.A., Oyarzun, J.P., Fan, H. , Meskin, R., Hirst, W. & Phelps, E.A. (November, 2021). Do linguistic features of trauma narratives predict trauma-related emotions and memory over time? Symposium presented as part of "Making sense of trauma memories: Characteristics and responses to trauma narratives as predictors of PTSD outcomes" at the <i>37th annual conference of the International Society for Traumatic Stress Studies (virtual)</i>	
	Fan, H. , Gershman S. J., & Phelps E. A. (Apr, 2021). Distinct Effects of Trait Anxiety Components on Exploration <i>Wisconsin Symposium on Emotion (virtual)</i>	
RESEARCH EXPERIENCE	Phelps Lab , Harvard University, Cambridge, MA, USA <i>Doctoral Student</i> 2019 - 2024 PI: Dr. Elizabeth Phelps (Expected)	
	Social and Affective Neuroscience Lab , Brown University, Providence, RI, USA <i>Research Assistant</i> 2018 PI: Dr. Oriel FeldmanHall	
	Learning and Decision-making Lab , Peking University, Beijing, China <i>Research Assistant</i> 2016 - 2019 PI: Dr. Jian Li	
	HONORS AND AWARDS	
	GSAS Professional Development Fund, Harvard University 2022 Silver Best Talk Award, Society for Neuroeconomics Annual Meeting 2021 Outstanding Graduate Award, Beijing Municipal Education Commission 2019 College Student Research Program, Beijing Municipal Education Commission 2017 National Scholarship, Ministry of Education of China 2017, 2018 Pacemaker to Merit Student, Peking University 2017, 2018 Xinhe Scholarship, Peking University 2016	
RESEARCH TRAINING	Summer Institute on Bounded Rationality (June, 2022), <i>Berlin, Germany</i>	
TEACHING EXPERIENCE	Instructor , <i>Let me google it: Information seeking (avoidance) in everyday life</i> , January 2021 (a five-lecture introductory psychology course)	
	Teaching Assistant , <i>PSY 1901: Methods of Behavioral Research (Instructor: Dr. Mina Cikara)</i> , Fall 2022	
	Teaching Assistant , <i>PSY 1401: Computational Cognitive Neuroscience: Building Models of the Brain (Instructor: Dr. Samuel J. Gershman)</i> , Spring 2022	
	Teaching Assistant , <i>AM 207: Stochastic Methods for Data Analysis, Inference and</i>	

Optimization (Instructor: Dr. Weiwei Pan), Fall 2021

Teaching Assistant, *online R workshop on Fundamentals of Tidyverse (Instructors: Drs. Kelly Bodwin & Hunter Glanz), Jan 2021*

**SERVICE AND
VOLUNTEER**

Mentoring Co-chair, *Harvard Graduate Women in Science and Engineering, 2022 - Present*

Graduate Student Organizer, *Innovators in Cognitive Neuroscience, 2022*

Graduate Student Interview Day Committee, *Harvard University Department of Psychology, 2022*

Student Salon Host, Theme: Studying emotion in decision-making. co-hosted with Dr. Ian Robert. *Society for Neuroeconomics Annual Meeting 2021 (virtual), 2021*

Graduate Student Representative, *Harvard University Department of Psychology, 2021 - Present*

Event Coordinator, *Harvard Women in Psychology, 2021 - Present*

PPREP Identity and Empowering Panelist, *Harvard Prospective PhD and RA Event in Psychology, 2021*

PPREP Mentor, *Harvard Prospective PhD and RA Event in Psychology, 2020, 2021*

International Community Conversation Facilitator, *Harvard GSAS orientation, Aug 2020*

Video Caption Editor, *Neuromatch Academy 2020, Aug 2020*

**MENTORSHIP
EXPERIENCE**

Certificate in Mentoring Undergraduates in Science, *Harvard University, Apr 2022*

Mentored Harvard Undergraduates:

Emily Dial, 2022-Present

Isabella Caterina Aslarus, 2020-2021 (Current: Lab Manager, Brown University)

**TECHNICAL
SKILLS**

Python, R, MATLAB, Web Programming (Javascript, HTML, CSS), Qualtrics, SPSS, Git, L^AT_EX