

# Eshin Jolly

University of California San Diego  
Dept of Psychology (Mandler Hall)  
9500 Gilman Drive #0109, La Jolla, CA, 92093  
e3jolly@ucsd.edu

[website](#) | [github](#) | [twitter](#) | [bluesky](#) | [linkedin](#)

## Currently

### Assistant Professor

Department of Psychology  
University of California San Diego, (San Diego, CA)

Jan 2025–

## Education & Training

### Postdoctoral Fellow

Consortium for Interacting Minds  
Center for Cognitive Neuroscience  
Dartmouth College (Hanover, NH)  
Mentors: [Emily Finn](#), [Luke Chang](#), [Thalia Wheatley](#), [Jeremy Manning](#)

2020–2024

### PhD, Cognitive Neuroscience

NSF Graduate Fellow  
Dartmouth College (Hanover, NH)  
Thesis: Social Cognitive Maps: A Relational Account of Person Representation and Memory  
Committee: [Luke Chang](#), [Thalia Wheatley](#), [Jeremy Manning](#), [Janice Chen](#)

2012–2019

### BA, Brain and Cognitive Science; Psychology

Minor: Music & Jazz Performance  
University of Rochester (Rochester, NY)  
Thesis: Testing Domain Specificity: Conceptual Knowledge of Living and Non-living Things  
Committee: [Jessica Cantlon](#), [Brad Mahon](#), [Elissa Newport](#)

2006–2010

### Microsoft Research PhD Intern

MSR Computational Social Science Group (NYC, NY)  
PIs: [Duncan Watts](#) & [Sid Suri](#)

2016

### Lab Manager

Harvard University (Cambridge, MA)  
PI: [Jason Mitchell](#)

2010–2012

### Research Assistant

Baruch College (NYC, NY)  
PI: [Jennifer Mangels](#)

2008–2010

### Research Assistant

Mt Hope Family Center, University of Rochester (Rochester, NY)  
PIs: [Sheree Toth](#) & [Jack Peltz](#)

## Industry Consulting

### Senior UX/UI Engineer & Designer

[MoreMore AI](#)  
Film & media arts startup

2023–Present

	<b>Co-Founder &amp; CTO; Scientific Advisor</b> <a href="#">Parsnip.ai</a> <i>Food and ed-tech startup</i>	2020–Present
	<b>Scientific Advisor</b> <a href="#">The Sukhi Project</a> <i>Employee well-being and mental health startup</i>	2020
	<b>Project Manager; Technical Support Lead</b> <a href="#">Code for America (Upper Valley Brigade)</a> <i>Rural Internet Project</i>	2019–2023
Funding	<b>Postdoctoral Fellow</b> <i>National Science Foundation</i> , Career Award 1848370 (\$886,457, PI: Luke Chang) Neural and computational basis of guilt in decision-making (co-written)	2019–2024
	<b>Graduate Fellow</b> <i>National Science Foundation</i> , Graduate Research Fellowship (\$90,000) Uncovering the representation of self: A multivariate approach	2013–2016
Manuscripts In Prep	<p>Choi, Y.J., <b>Jolly, E.</b>, Smith A., Gangadharan, A.A., Hoidal, A.S. &amp; Chang, L.J. (in prep). Balancing Guilt and Costs: The Role of Emotions and Exogenous Constraints for End-of-Life Care</p> <p>Kwon, D. <b>Jolly, E.</b>, Chang, L.J., Shim, W.M. (in prep). Neural encoding and reconstruction of social relationships.</p> <p><b>Jolly, E.</b>, Sadhukha, S., Iqbal, M., Chen, J. &amp; Chang, L.J. (in prep). Person memory is supported by the neural reinstatement of social interactions.</p> <p>Le, K.* Jadhav, A.* &amp; <b>Jolly, E.</b> (in prep). Statistical Intuitions for Social Scientists. [<a href="#">open course materials</a>]            *Equal contribution</p>	
	Varrier, R.S., Su, Z. Liang, Q., Benson, T. <b>Jolly, E.</b> , & Finn, E.S. (under review). Shared and individual tuning curves for social vision. [ <a href="#">bioRxiv preprint</a> ]	2025
	<b>Jolly, E.</b> , Sadhukha, S., Iqbal, M., Molani, Z., Walsh, T.M., Manning, J.R., & Chang, L.J. (under revision). People are represented and remembered through their relationships with others. [ <a href="#">psyarxiv preprint</a> ]	
	Gao, X., <b>Jolly, E.</b> , Yu, H., Liu, H., Zhou, X., & Chang, L.J. (2024). The psychological, computational, and neural foundations of indebtedness. <i>Nature Communications</i> . [ <a href="#">Link</a> ]	2024
	<b>Jolly, E.*</b> , Cheong, J.H.*, Xie, T.*, Byrne, S. Kenny, M., & Chang, L.J. (2023). Py-Feat: Python Facial Expression Analysis Toolbox. <i>Affective Science</i> . [ <a href="#">Link</a> ] [ <a href="#">toolbox</a> ] *Equal contribution	2023
	<b>Jolly, E.</b> , Farrens, M., Greenstein, N., Eisenbarth, H., Reddan, M.C., Andrew, E., Wager, T.D., & Chang, L.J. (2022). Recovering individual emotional states from sparse ratings using collaborative filtering. <i>Affective Science</i> . [ <a href="#">Link</a> ] [ <a href="#">toolbox</a> ] [ <a href="#">data &amp; materials</a> ]	2022

- Jolly, E.** & Chang, L.J. (2021). Multivariate spatial feature selection in fMRI. *Social Cognitive and Affective Neuroscience*, 16(8), 795-806. [[Link](#)] 2021
- Jolly, E.** & Chang, L.J. (2021). Gossip drives vicarious learning and facilitates social connections. *Current Biology*, 31, 1-11. [[Link](#)] [[data & materials](#)] Coverage: [New York Times](#), [VPR News](#), [PNAS Journal Club](#)
- Chang, L.J., **Jolly, E.**, Cheong, J.H., Rapuano, K., Greenstein, N., Chen, P.A., & Manning, J.R. (2021). Endogenous variation in ventromedial prefrontal cortex state dynamics during naturalistic viewing reflects affective experience. *Science Advances*, 7(17), 1-17. [[Link](#)] [[data & materials](#)]
- Jolly, E.\***, Sadhukha, S.\*, & Chang, L.J. (2020). Response to Lynch et al: On measuring head motion and effects of head molds during fMRI. *NeuroImage*, 117484. [[Link](#)] [[data & materials](#)] 2020
- Jolly, E.\***, Sadhukha, S.\*, & Chang, L.J. (2020). Custom-molded headcases have limited efficacy in reducing head motion during naturalistic fMRI experiments. *NeuroImage*, 117207. [[Link](#)] [[data & materials](#)]
- \*Equal contribution
- Chen, P.H.A., **Jolly, E.**, Cheong, J.H., & Chang, L.J. (2020). Intersubject representational similarity analysis reveals individual variations in affective experience when watching erotic movies. *NeuroImage*, 116851. [[PDF](#)] [[data & materials](#)]
- Chen, P.H.A., Cheong, J.H., **Jolly, E.**, Elhence, H., Wager, T.D., & Chang, L.J. (2019). Socially transmitted placebo effects. *Nature Human Behavior*, 3, 1295-1305. [[PDF](#)] [[data & materials](#)] 2019
- Jolly, E.\***, Tamir, D.I.\*, Burum, B.A., & Mitchell, J.P. (2019). Wanting without enjoying: The social value of sharing experiences. *PLoS One*, 14(4), e0215318. [[PDF](#)] [[data & materials](#)] \*Equal contribution
- Jolly, E.**, & Chang, L.J. (2019). The Flatland Fallacy: Moving Beyond Low Dimensional Thinking. *Topics in Cognitive Science*, 1-22. [[PDF](#)] [[figure & simulation code](#)]
- Jolly, E.** (2018). Pymer4: Connecting R and Python for linear mixed modeling. *Journal of Open Source Software*, 3(31), 862. [[PDF](#)] [[documentation site](#)] 2018
- Chang, L. J. & **Jolly E.** (2018). Emotions as computational signals of goal error. In A. Fox, R. Lapate, A. Shackman & R. Davidson (Eds), *The Nature of Emotion* (343-351). Oxford University Press. [[PDF](#)]
- Cheong, J.C., **Jolly, E.**, Sul, S., & Chang, L.J. (2017). Computational Models in Social and Affective Neuroscience in Moustafa, A. (Eds), *Computational Models of Brain and Behavior* (229-245). Hoboken, NJ: Wiley. [[Link](#)] 2017
- Rane, S.\*, **Jolly, E.\***, Park, A.\*, Jang, H.\*, & Craddock, R.C. (2017). Developing predictive biomarkers using whole-brain classifiers: Application to the ABIDE I dataset. *Research Ideas and Outcomes*, 3:e12733. [[PDF](#)].
- \*Equal contribution

Moran, J.M., **Jolly, E.**, & Mitchell, J.P. (2014). Spontaneous mentalizing predicts the fundamental attribution error. *Journal of Cognitive Neuroscience*, 26(3), 569-576. [PDF]

Moran, J.M., **Jolly, E.**, & Mitchell, J.P. (2012). Social-cognitive deficits in normal aging. *Journal of Neuroscience*, 32(16), 5553-5561. [PDF]

**Jolly, E.** (2011). Testing domain specificity: Conceptual knowledge of living and non-living things. *The Yale Review of Undergraduate Research in Psychology*, 2, 94-118. [PDF]

## Open Scientific Software

### **Py-feat**

2022-Present

*Analysis of facial expressions from images and videos, (Core Developer)*

[Documentation] [Slides] [Github]

downloads 70k

### **Neighbors**

2020-Present

*Predicting affective responses from sparse measurement data, (Project Author)*

[Documentation] [Github]

downloads 20k

### **SvelteTurk**

*Graphical User Interface for managing experiments on Mturk, (Project Author)*

[Documentation] [Github]

### **Pymer4**

2017-Present

*Statistics library for estimating linear mixed-effects models, (Project Author)*

[Documentation] [Github]

downloads 19k

### **Nltools**

2016-Present

*Toolbox for intuitively analyzing neuroimaging data, (Core Developer)*

[Documentation] [Video Talk] [Github]

downloads 227k

## Invited Talks & Presentations

Person memory is supported by the neural reinstatement of social interactions.  
*Symposium presentation at the Social Affective Neuroscience Society conference (Toronto, CA)*

2024

Neural, Network, and Neural Network Approaches for Social Relationship Representation.  
*Symposium organizer at the Social Affective Neuroscience Society conference (Toronto, CA)*

Introduction to Facial Expression Analysis.  
*Presentation at Computational Social Affective Neuroscience Society Pre-conference (Toronto, CA)*

Representing and remembering people through their relationships.  
*Invited talk at the MIND Summer School, Dartmouth College (Hanover, NH)*

2023

The structure of social memory: People as contexts.  
*Presentation at the Social and Affective Neuroscience Society conference (Santa Barbara, CA)*

Navigating the social world: A relational account of how we represent, remember, and talk about people.

*Invited talk at Stanford University (Stanford, CA)*

People as contexts: A relational account of person representation and memory.

*Invited talk for Innovators in Cognitive Neuroscience (virtual). [\[Video\]](#)*

Spontaneous Neural Representations of Social Relationships in Naturalistic Contexts.

2022

*Symposium presentation at the International Society for Research on Emotion, USC (Los Angeles, CA)*

Emotion and Social Perception in Naturalistic Contexts: Perspectives from Affective Computing and Affective Neuroscience.

*Symposium organizer at the International Society for Research on Emotion, USC (Los Angeles, CA)*

Methodological considerations in social and affective neuroscience.

2021

*Invited talk at NYU, Freeman Lab (NYC, NY)*

Social Cognitive Maps: A Relational Account of Person Representation and Memory.

2020

*Invited talk at Harvard University, Somerville Lab (Cambridge, MA)*

Why Design Abstractions Matters for Analytics Tools: Neuroimaging analysis with Neuro-Learn. [\[Video\]](#)

*Symposium presentation at the Scientific Computing with Python conference (virtual)*

Spontaneous Neural Representations of Social Relationships in Naturalistic Contexts.

*Symposium presentation at the Society for Affective Science conference (San Francisco, CA; cancelled due to COVID-19).*

Methodological challenges in contemporary fMRI studies.

*Invited talk at the Neuroimaging Analysis Methods meeting, Princeton University (Princeton, NJ)*

Introduction to functional alignment methods for fMRI.

2018

*Invited lecture at the Sao Paulo School of Advanced Science on Social and Affective Neuroscience (Sao Paulo, Brazil)*

Naturalistic approaches towards an understanding of social reasoning and communication.

2017

*Invited talk at Stanford University (Stanford, CA)*

The social benefits of gossip

*Presentation at the New England Research on Decision-Making conference, Brown University (Providence, RI)*

Introduction to Git and Github for psychologists.

*Invited talk at the Reproducible Psychological Science workshop at the Annual Meeting for the Association for Psychological Science (Boston, MA)*

Interpersonal dynamics and the inelasticity of social guilt.

*Invited talk at the Boston Area Moral Cognition Group (Boston, MA)*

Interpersonal dynamics and the inelasticity of social guilt.

*Invited talk at Affectiva Inc (Boston, MA)*

Spontaneous impression-formation about parasocial relationships.

*Presentation at the Social and Affective Neuroscience Society conference (Los Angeles, CA)*

State of the Data: Annual Dartmouth Brain Imaging Center Quality Assurance Report.  
*Presentation at Dartmouth College (Hanover, NH)*

Field experiments on human prosociality using Mechanical Turk.  
*Presentation at Microsoft Research (New York City, NY)*

2016

The Social Benefits of Gossip.  
*Presentation at the Social Brain Sciences Brown Bag (Dartmouth College, NH)*

## Posters & Conference Proceedings

Liang, Q., Varrier, R.S., Su, Z., Benson, T.G., **Jolly, E.**, Selesnick, J.M., Molfese, P.J. & Finn, E.S. (under review). Seeing is not being: Actively participating in an interaction changes social perception relative to passive viewing.  
*Poster at the Society for Neuroscience (Chicago, IL)*

2024

Varrier, R.S., Su, Z., Benson, T.G., Liang, Q. Selesnick, J.M., **Jolly, E.**, Molfese, P.J. & Finn, E.S. (under review). Behavioral signatures of social signal detection.  
*Poster at the Computational Cognitive Neuroscience conference (Cambridge, MA)*

**Jolly, E.**, Sadhukha, S., Iqbal, M., Molani, Z., Walsh, T.M., Manning, J.R., & Chang, L.J. (2024). Person memory is supported by the neural reinstatement of social interactions.  
*Poster at the Organization for Human Brain Mapping conference (Seoul, South Korea)*

Kwon, D., **Jolly, E.**, Chang, L.J., & Shim, W.M. (2024). Neural representations of map and graph-based knowledge structures for two distinct types of social information during naturalistic social interaction.  
*Poster at the Social and Affective Neuroscience Society conference (Toronto, CA)*

Varrier, R.S., Su, Z., Benson, T.G., Liang, Q. Selesnick, J.M., **Jolly, E.**, Molfese, P.J. & Finn, E.S. (2024). Behavioral and neural signatures of social signal detection.  
*Poster at the Social and Affective Neuroscience Society conference (Toronto, CA)*

**Jolly, E.**, Sadhukha, S., Iqbal, M., Molani, Z., Walsh, T.M., Manning, J.R., & Chang, L.J. (2024). People are represented and remembered through their relationships with others.  
*Poster at the Society for Personality and Social Psychology conference (San Diego, CA)*

**Jolly, E.**, Sadhukha, S., Iqbal, M., Molani, Z., Walsh, T.M., Manning, J.R., & Chang, L.J. (2023). The structure of social memory: People as contexts.  
*Poster at the Social and Affective Neuroscience Society conference (Santa Barbara, CA)*

2023

Kwon, D., **Jolly, E.**, Chang, L.J., & Shim, W.M. (2023). Neural representations of dynamic social interactions.  
*Poster at the 26th Annual Meeting of the Korean Society for Brain and Neural Sciences (Busan, Korea)*

**Jolly, E.**, Farrens, M., Greenstein, N., Eisenbarth, H., Reddan, M.C., Andrew, E., Wager, T.D., & Chang, L.J. (2022). Recovering individual emotional states from sparse ratings using collaborative filtering.  
*Poster at the Society for Affective Science conference (virtual)*

2022

**Jolly, E.** & Chang, L.J. (2021). Spontaneous Neural Representations of Social Relationships in Naturalistic Contexts.  
*Poster at the Social and Affective Neuroscience Society conference (virtual)*  
**Winner Poster Award**

2021

<b>Jolly, E.</b> (2020). Pymer4: Bringing R's Powerful Mixed-modeling to Python. <i>Poster at the Scientific Computing with Python conference (virtual)</i> <b>Winner Scipy Scholarship</b>	2020
<b>Jolly, E.</b> & Chang, L.J. (2019). Gossip drives vicarious learning and facilitates robust social connections. <i>Poster at the Social and Affective Neuroscience Society conference (Miami, FL)</i>	2019
Cheong, J.C., Chen, P.A., <b>Jolly, E.</b> , Elhence, H., Wager, T.D., & Chang, L.J. (2019). Socially transmitted placebo effects. <i>Poster at the Society for Affective Science conference (Boston, MA)</i>	
<b>Jolly, E.</b> , Reddan, M.C., Gianaros, P.J., Manuck, S.M. Chang, L.J., & Wager, T.D. (2018). NeuroLIME: A novel tool for explaining the predictions of complex brain models. <i>Poster at the Social and Affective Neuroscience Society conference (New York, NY)</i>	2018
Reddan, M.C., <b>Jolly, E.</b> , & Wager, T.D. (2018). NeuroLIME: A novel tool for explaining the predictions of nonlinear neuroimaging classifiers. <i>Poster at the Organization for Human Brain Mapping conference (Singapore, Singapore)</i>	
Reddan, M.C., <b>Jolly, E.</b> , & Wager, T.D. (2018). NeuroLIME: A novel tool for explaining the predictions of nonlinear neuroimaging classifiers. <i>Poster at the Computational and Systems Neuroscience conference (Denver, CO)</i>	
<b>Jolly, E.</b> & Chang, L.J. (2017). Gossip drives vicarious learning and facilitates robust social connections. <i>Poster at the Annual Meeting of the Association for Psychological Science (Boston, MA)</i>	2017
Cheong, J.H., <b>Jolly, E.</b> , & Chang, L.J. (2017). A window into the mind: A computational approach to measuring emotions in response to naturalistic stimuli. <i>Poster the Social and Affective Neuroscience Society conference (Los Angeles, CA)</i>	
<b>Jolly, E.</b> & Chang, L.J. (2016). Groups, gossip and social dilemmas. <i>Poster at the International Conference on Computational Social Science (Evanston, IL)</i>	2016
<b>Jolly, E.</b> , Tamir, D.I., & Mitchell, J.P. (2015). The social value of sharing experiences. <i>Poster at the Social and Affective Neuroscience Society conference (Boston, MA)</i> <b>Winner Poster Award</b>	2015
Moran, J.M., <b>Jolly, E.</b> , & Mitchell, J.P. (2012). Spontaneous mentalizing supports the fundamental attribution error. <i>Poster at the Cognitive Neuroscience Society conference (Chicago, IL)</i>	2012
Peltz, J.S. Toth, S.L., Rogosch, F.A., <b>Jolly, E.</b> , & Cicchetti, D. (2010). Paternal emotional availability's effects on children's socioemotional functioning in maternal depression contexts. <i>Poster at the Annual Meeting of the Association for Psychological Science (Boston, MA)</i>	2010

## Teaching

<b>Statistical Intuitions for Social Scientists</b> Organizer and Lecturer <i>University of California San Diego (La Jolla, CA) [<a href="#">Open Materials</a>]</i>	2025
<b>Computational Social Affective Neuroscience Pre-conference</b> Organizer and Lecturer <i>Annual Meeting for the Social Affective Neuroscience Society (Toronto, CA)</i>	2024
<b>Methods in Neuroscience at Dartmouth Summer School</b> Invited Faculty <i>Dartmouth College (Hanover, NH) [<a href="#">Resources</a>]</i>	2023

### **Introduction to facial expression analysis with py-feat**

Tutorial at the Consortium for Interacting Minds

*Dartmouth College (Hanover, NH)* [[Slides](#)]

### **Introduction to version control for neuroscientists**

Lecturer and TA at MIND Summer School

*Dartmouth College (Hanover, NH)* [[Resources](#)] [[Video](#)]

2019

### **Introduction to version control for neuroscientists**

Lecturer and TA at MIND Summer School

*Dartmouth College (Hanover, NH)* [[Resources](#)] [[Video](#)]

2018

### **Computational tools for neuroscience: Jupyter notebooks**

Lecturer and TA at MIND Summer School

*Dartmouth College (Hanover, NH)* [[Resources](#)] [[Video](#)]

### **Functional Alignment Techniques in fMRI**

Lecture at Sao Paulo Summer School on Social and Affective Neuroscience (SPSAN)

*Mackenzie Presbyterian University (Sao Paulo, Brazil)*

### **Computational tools for neuroscience: Jupyter notebooks**

Lecturer and TA at MIND Summer School

*Dartmouth College (Hanover, NH)* [[Resources](#)] [[Video](#)]

2017

### **Introduction to containers for reproducible research**

Lecturer and TA at MIND Summer School

*Dartmouth College (Hanover, NH)* [[Resources](#)]

### **Introduction to Git and Github for social psychologists**

Lecture at the Reproducible Psychological Science workshop

*Annual Meeting for the Association for Psychological Science (Boston, MA)*

### **Introduction to jupyter notebooks (and why you should love them!)**

Tutorial at BrainHack Local

*Dartmouth College (Hanover, NH)*

### **Online research methods for the experimental study of social behavior**

Research Methods, Guest Lecturer

*Dartmouth College (Hanover, NH)*

### **Online research methods for the experimental study of social behavior**

Research Methods, Guest Lecturer

*Dartmouth College (Hanover, NH)*

2016

### **The social benefits of gossip**

Social Psychology, Guest Lecturer

*Dartmouth College (Hanover, NH)*

### **Contemporary fMRI pre-processing: Introduction to Nipype and Docker**

fMRI Methods, Guest Lecturer

*Dartmouth College (Hanover, NH)*

### **fMRI Methods: Brain Mapping with functional MRI**

Course TA and Guest Lecturer

*Dartmouth College (Hanover, NH)*

2015

### **Research Methods: Laboratory in Psychological Science\***

Course TA and Guest Lecturer



\*Mentored award winning undergraduate group  
*Dartmouth College (Hanover, NH)*

**Introductory Statistics: Experimental Design and Methodology** 2014  
Course TA and Guest Lecturer  
*Dartmouth College (Hanover, NH)*

**Research Methods: Laboratory in Psychological Science** 2013  
Course TA and Guest Lecturer  
*Dartmouth College (Hanover, NH)*

**Introduction to MATLAB for Behavioral Research** 2011  
Workshop organizer  
*Harvard University (Cambridge, MA)*

**Mind Perception**  
Workshop organizer  
*Harvard University (Cambridge, MA)*

## Awards

ICN Talk Award 2023  
*Innovators in Cognitive Neuroscience*

Trainee Data Blitz Award  
*Social and Affective Neuroscience Society*

Complex Systems Summer School (CSSS) 2022  
*Santa Fe Institute*

Mistletoe Research Fellowship finalist 2021  
*Dartmouth College*

SciPy Scholarship Award 2020  
*Scientific Computing with Python Conference*

Poster Award  
*Social and Affective Neuroscience Society*

Kavli Summer Institute in Cognitive Neuroscience 2019  
*UC Santa Barbara*

Thayer Consulting Case Competition 1st Place  
*Thayer School of Engineering, Dartmouth College*

Hack Dartmouth Finalist  
*Dartmouth College*

Hack Dartmouth Best Community Hack 2018  
*Dartmouth College*

Sao Paulo Summer School on Social and Affective Neuroscience (SPSAN)  
*Mackenzie Presbyterian University, Sao Paulo*

Graduate Arts and Science Travel Award  
*Dartmouth College*

PBS Graduate Travel Award  
*Dartmouth College*

Neukom Institute Travel Award  
*Dartmouth College*

	Graduate Alumni Research Award <i>Dartmouth College</i>	2017
	PBS Graduate Travel Award <i>Dartmouth College</i>	
	Methods in Neuroscience Computational Summer School <i>Dartmouth College</i>	
	Summer School in Social Neuroscience and Neuroeconomics <i>Duke University</i>	
	Trainee Data Blitz Award <i>Social and Affective Neuroscience Society</i>	
	Human Neuroimaging Methods Travel Award <i>Organization for Human Brain Mapping</i>	
	Hack Dartmouth 2nd Place project award <i>Dartmouth College, Thayer School of Engineering</i>	2016
	Neurohackweek Summer School <i>University of Washington eScience Institute</i>	
	Social Affective Neuroscience Society Poster Award <i>Social and Affective Neuroscience Society</i>	2015
	PBS Graduate Travel Award <i>Dartmouth College</i>	
	National Science Foundation Graduate Research Fellowship <i>Dartmouth College</i>	2013-2016
	BCS Dept: Highest Honors in research <i>University of Rochester</i>	2010
	Wilder-Trustee Scholarship <i>University of Rochester</i>	2006-2010
Mentorship	Grace Choi Graduate Student <i>Dartmouth College</i>	2024-Present
	Wasita Mahaphanit Graduate Student <i>Dartmouth College</i>	2022-Present
	Sushmita Sadhukha Graduate Student <i>Dartmouth College</i>	
	Maxwell Ranger '22 Honors Thesis <i>Dartmouth College</i>	2021-2022
	Maryam Iqbal '21 Presidential Scholar/Honors Thesis <i>Dartmouth College</i>	2017-2021

Liza Begunova '21 Honors Thesis <i>Dartmouth College</i>	2020-2021
Max Farrens '20 Full-time Research Assistant <i>Dartmouth College</i>	2019-2020
Nathan P. Greenstein '19 Presidential Scholar <i>Dartmouth College</i>	2017-2019
Sushmita Sadhukha '18 Full-time Research Assistant <i>Dartmouth College</i>	
Arati A. Gangadharan '18 Honors Thesis <i>Dartmouth College</i>	2015-2018
Hirsh Elhence '17 Presidential Scholar <i>Dartmouth College</i>	2015-2017

## Technical Skills

### Programming Languages

Python, Javascript, Matlab, R, Bash

### Frontend Web Development

HTML, CSS, Svelte, Vue

### Backend/Fullstack/App Development

Node, Express, Meteor, MongoDB, Firebase, Flask, Electron

### Stimulus Presentation

Psychopy, Psychophysics toolbox, E-prime, Presentation

### Data Analysis

Scientific-Python, Statsmodels, Scikit-learn, Lme4

### Neuroimaging Analysis

FSL, AFNI, SPM, Nipype, Nilearn

### Data Visualization

Seaborn/Matplotlib, D3, Dash/Plotly, ggplot

### Dev Ops

Git/Github, TravisCI, Tox, Pytest, Moab-Torque

## Professional Activities

### Reviewer

Cerebral Cortex, Neuroimage, Human Brain Mapping, SCAN, Neuropsychologia, Cognition and Emotion, JESP, PLoS One, GigaScience, JOSS, Nature Communications, SIGCHI, Frontiers in Psych, JPSP, JEP:G, Journal of Neuroscience, Scientific Reports

### Society Memberships

Social and Affective Neuroscience Society, Society for Affective Science, Organization for Human Brain Mapping, Cognitive Neuroscience Society, Society for Personality and Social Psychology

Leadership &  
Community

<b>Director-at-Large</b> <u>Social &amp; Affective Neuroscience Society.</u>	2024-Present
<b>Committee Member</b> <u>Inclusivity, Diversity, and Culture Advisory Committee</u> <i>Dartmouth College, Hanover, NH</i>	2019-2022
<b>Board Member</b> <u>Dartmouth College Postdoctoral Association</u> <i>Dartmouth College, Hanover NH</i>	2020-2021
<b>VP of Client Outreach</b> <u>Dartmouth Graduate Consulting Group</u> <i>Dartmouth College, Hanover, NH</i>	2018-2020
<b>Co-Founder</b> <u>Line@ Project</u> <i>Dartmouth College, Hanover, NH</i>	2017-2020
<b>Organizing committee member</b> <i>Dartmouth Brainhack, Hanover, NH</i>	2017
<b>Station Leader</b> GWISE Science day for local middle schools <i>Dartmouth College, Hanover, NH</i>	2014
<b>Primary Organizer</b> Social Brain Sciences Symposium talk series <i>Dartmouth College, Hanover, NH</i>	2013-2015
<b>Graduate Representative</b> Social Area Graduate Student Representative <i>Dartmouth College, Hanover, NH</i>	

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Last updated: May 2024