

# EMILY S. FINN

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[thefinnlab.github.io](https://thefinnlab.github.io)

## ACADEMIC APPOINTMENTS

2020- Assistant Professor  
Department of Psychological and Brain Sciences, Dartmouth College

## EDUCATION & TRAINING

2017-2020 Postdoctoral Fellow, National Institute of Mental Health, Bethesda, Md.  
Section on Functional Imaging Methods, Laboratory of Brain & Cognition  
Mentor: Peter A. Bandettini, Ph.D.

2012-2017 Ph.D., Yale University, New Haven, Conn.  
Neuroscience, with Distinction, awarded May 2017  
Advisor: R. Todd Constable, Ph.D.

2005-2009 B.A., Yale University, New Haven, Conn.  
Linguistics, with Distinction, *summa cum laude*

## RESEARCH SUPPORT

2024-2025 Arts Integration Grant, Hopkins Center for the Arts, Dartmouth College  
*Characterizing differences between human and LLM predictions of language*

2024-2025 CompX Grant, Neukom Institute for Computational Science, Dartmouth College  
*Characterizing differences between human and LLM predictions of language*

2022-2027 BRAINS (Biobehavioral Research Award for Innovative New Scientists) R01,  
National Institute of Mental Health; Role: PI  
*Modeling and manipulating social percepts in individuals*

2022-2023 JustX Grant, Wright Center for the Study of Computation and Just Communities,  
Dartmouth College  
*Defensive storytelling to subvert partisan stereotypes in networked knowledge structures*

2021-2022 Arts Integration Grant, Hopkins Center for the Arts, Dartmouth College  
*Theatrical open scene performance as a model for real-world social disambiguation*

2021-2022 CompX Grant, Neukom Institute for Computational Science, Dartmouth College

## *Computational modeling of ambiguity resolution within and across individuals*

- 2021-2023 NARSAD Young Investigator Award, Brain & Behavior Foundation  
*Neural & behavioral response to social animations as a marker of depressive phenotypes*
- 2019-2023 K99R00 Pathway to Independence Award, National Institute of Mental Health  
*Linking brain activity during naturalistic tasks to individual phenotypes on the depression spectrum*

## **AWARDS & FELLOWSHIPS**

- 2025 Cognitive Neuroscience Society Young Investigator Award
- 2021 Association for Psychological Science Rising Star Award
- 2019 NIMH Director's Award for Scientific Contributions
- 2019 Maryland Neuroimaging Retreat Early Career Scholar
- 2018 Fellowship, *Methods in Neuroscience at Dartmouth Computational Summer School*
- 2016 Merit Abstract Award, *Organization for Human Brain Mapping*
- 2014-2017 National Science Foundation Graduate Research Fellowship
- 2012-2014 Gruber Foundation Graduate Fellowship
- 2012 Best Poster Award, *Yale Bioimaging Sciences Retreat*
- 2009 Phi Beta Kappa
- 2009 Daniel E. Merriman Prize for Outstanding Leadership, *Yale University*
- 2005 Robert C. Byrd Scholar, Connecticut
- 2005 National Merit Scholar

## **PREPRINTS & SUBMITTED MANUSCRIPTS**

<sup>†</sup> denotes *FINN Lab trainee*

O'Neill KC<sup>†</sup>, Sanchez KL, **Finn ES**. Complex mutual adaptation in dyads' semantic similarity trajectories predicts conversation success. *PsyArXiv*, [https://doi.org/10.31234/osf.io/t53fy\\_v1](https://doi.org/10.31234/osf.io/t53fy_v1).

Sava-Segal CA<sup>†</sup>, Grall C<sup>†</sup>, **Finn ES**. Narrative 'twist' shifts within-individual neural representations of dissociable story features. *bioRxiv*, doi: 10.1101/2025.01.13.632631.

Varrier RS<sup>†</sup>, Su Z<sup>†</sup>, Liang Q<sup>†</sup>, Benson T<sup>†</sup>, Jolly E<sup>†</sup>, **Finn ES**. Shared and individual tuning curves for social vision. *bioRxiv*, doi: 10.1101/2025.01.19.633772.

Horien C, ... **Finn ES**, Constable RT. What is the best brain state to predict autistic traits? *medRxiv*, doi: 10.1101/2025.01.14.24319457.

Zugman A, Ringlein GV, **Finn ES**, Lewis KM, Berman E, Silverman WK, Lebowitz ER, Pine DS, Winkler AM. Brain Functional Connectivity and Anatomical Features as Predictors of Cognitive Behavioral Therapy Outcome for Anxiety in Youths. *medRxiv*, doi: 10.1101/2024.01.29.24301959.

## RECENT REPRESENTATIVE PUBLICATIONS

† denotes FINN Lab trainee

Botch TL<sup>†</sup>, **Finn ES**. (2024). Neural representations of concreteness and concrete concepts are specific to the individual. *Journal of Neuroscience*, 44 (45): e0288242024.

**Finn ES**, Poldrack RA, Shine JM. (2023). Functional neuroimaging as a catalyst for a more integrated neuroscience. *Nature*, 623 (7986): 263-273.

Sava-Segal CA<sup>†</sup>, Richards C, Leung M<sup>†</sup>, **Finn ES**. (2023). Individual variability in neural event segmentation of continuous experiences. *Cerebral Cortex*, 33 (13): 8164–8178.

Grall C<sup>†</sup>, Equita J<sup>†</sup>, **Finn ES**. (2023). Neural unscrambling of temporal information during a nonlinear narrative. *Cerebral Cortex*, 33 (11): 7001–7014.

Varrier RS<sup>†</sup>, **Finn ES**. (2022). Seeing social: A neural signature for conscious perception of social interactions. *Journal of Neuroscience*, 42 (49): 9211–9226.

Grall C<sup>†</sup> & **Finn ES**. (2022). Leveraging the power of media to drive cognition: A media-informed approach to naturalistic neuroscience. *Social Cognitive & Affective Neuroscience*, 17(6): 598–608.

**Finn ES**. (2021). Is it time to put rest to rest? *Trends in Cognitive Sciences*, 25 (12), 1021-1032.

## ALL OTHER PEER-REVIEWED PUBLICATIONS

† denotes FINN Lab trainee

Kim H, Lux BK, **Finn ES**, Woo CW. (2024). Brain Decoding of Spontaneous Thought: Predictive Modeling of Self-relevance and Valence Using Personal Narratives. *Proceedings of the National Academy of Sciences*, 121 (14): e2401959121.

Wat EK, Jangraw DC, **Finn ES**, Bandettini PA, Preston JL, Landi N, Hoeft F, Frost SJ, Lau A, Chen G, Pugh KR, Molfese PJ. (2024). Will you read how I will read? Naturalistic fMRI predictors of emergent reading. *Neuropsychologia*, 193: 108763.

Iyer S, Collier E, Broom TW, **Finn ES**, Meyer ML. (2024). Individuals who see the good in the bad engage distinctive default network coordination during post-encoding rest. *Proceedings of the National Academy of Sciences*, 121 (1): e2306295121.

Jangraw DC, **Finn ES**, Bandettini PA, Landi N, Sun H, Hoeft F, Chen G, Pugh KR, Molfese PJ. (2023). Inter-subject correlation during long narratives reveals widespread neural correlates of reading ability. *NeuroImage*, 282: 120390.

Yang E, Milisav F, Kopal J, Holmes AJ, Mitsis GD, Misic B, **Finn ES**, Bzdok D. (2023). The default network dominates neural responses to evolving movie stories. *Nature Communications*, 14: 4197.

Baek EC, Hyon R, Lopez K, **Finn ES**, Porter MA, Parkinson C. (2022). In-degree centrality in a social network is linked to coordinated neural activity. *Nature Communications*, 13: 1-13.

Goyal N, Moraczewski D, Bandettini PA, **Finn ES**, Thomas A. (2022). The positive-negative mode link between brain connectivity, demographics, and behavior: A pre-registered, replication of Smith et al. (2015). *Royal Society Open Science*, 9, Article 201090.

Bandettini PA, Huber L, **Finn ES**. (2021). Challenges and opportunities of mesoscopic brain mapping with fMRI. *Current Opinion in Behavioral Sciences*, 40: 189-200.

**Finn ES**, Rosenberg MD. (2021). Beyond fingerprinting: Choosing predictive connectomes over reliable connectomes. *NeuroImage*, 118254.

Song H, **Finn ES**, Rosenberg MD. Neural signatures of attentional engagement during narratives and its consequences for event memory. *Proceedings of the National Academy of Sciences*, 118 (33).

Scheinost D, Dadashkarimi J, **Finn ES**, Wambach CG, MacGillivray C, Roule AL, Niendam TA, Pine DS, Brotman MA, Leibenluft E, & Tseng W-L. (2021). Functional connectivity during frustration: A preliminary study of predictive modeling of irritability in youth. *Neuropsychopharmacology*, 46 (7): 1300-1306.

**Finn ES**, Bandettini PA. (2021). Movie-watching outperforms rest for functional connectivity-based prediction of behavior. *NeuroImage*, 117963.

**Finn ES**, Huber L, Bandettini PA. (2020). Higher and deeper: Bringing layer fMRI to association cortex. *Progress in Neurobiology*, 101930.

Huber L, **Finn ES**, Chai Y, Goebel R, Stirnberg R, Stöcker T, Marrett S, Uludag K, Kim SG, Han S, Bandettini PA, Poser BA. (2020). Layer-dependent functional connectivity methods. *Progress in Neurobiology*, 207: 101835.

**Finn ES**, Glerean E, Khojandi AY, Nielson D, Molfese PJ, Handwerker DA, Bandettini PA. (2020). Idiosynchrony: From shared responses to individual differences during naturalistic neuroimaging. *NeuroImage*, 215: 116828.

Huber L, **Finn ES**, Handwerker DA, Boenstrup M, Glen D, Kashyap S, Ivanov D, Petridou N, Marrett S, Goense J, Poser B, Bandettini PA. (2020). Sub-millimeter fMRI reveals multiple topographical digit representations that form action maps in human motor cortex. *NeuroImage*,

208: 116463.

Rosenberg MD, Scheinost D, Greene AS, Avery EW, Kwon YH, **Finn ES**, Ramani R, Qiu M, Constable RT, Chun MM. (2020). Functional connectivity predicts changes in attention observed across minutes, days, and months. *Proceedings of the National Academy of Sciences*, 117: 3797-3807.

Huber L, **Finn ES**, Handwerker DA, Boenstrup M, Glen D, Kashyap S, Ivanov D, Petridou N, Marrett S, Goense J, Poser B, Bandettini PA. (2020). Sub-millimeter fMRI reveals multiple topographical digit representations that form action maps in human motor cortex. *NeuroImage*, in press.

Chen G, Taylor PA, Qu X, Molfese PJ, Bandettini PA, Cox RW, **Finn ES**. (2020). Untangling the Relatedness among Correlations, Part III: Inter-Subject Correlation Analysis through Bayesian Multilevel Modeling for Naturalistic Scanning. *NeuroImage*, 216: 116474.

**Finn ES**, Huber L, Jangraw DC, Molfese PJ, Bandettini PA. (2019). Layer-dependent activity in human prefrontal cortex during working memory. *Nature Neuroscience*, 22 (10): 1687-1695.

Lake EMR, **Finn ES**, Noble SM, Vanderwal T, Shen X, Rosenberg MD, Spann MN, Chun MM, Constable RT. The functional brain organization of an individual predicts measures of social abilities in autism spectrum disorder. *Biological Psychiatry*, 86 (4): 315-326.

**Finn ES**, Corlett PR, Chen G, Bandettini PA, Constable RT. (2018). Trait paranoia shapes inter-subject synchrony in brain activity during an ambiguous social narrative. *Nature Communications*, 9, 2043.

Horien C, Noble S, **Finn ES**, Shen X, Scheinost D, Constable RT. (2018). Considering factors affecting the connectome-based identification process: Comment on Waller et al. *NeuroImage*, 169: 172-175.

**Finn ES**, Scheinost D, Finn DM, Shen X, Papademetris X, Constable RT. (2017). Can brain state be manipulated to emphasize individual differences in functional connectivity? *NeuroImage*, 160: 140-151.

Vanderwal T, Eilbott J, **Finn ES**, Craddock RC, Turnbull A, Castellanos FX. (2017). Individual differences in functional connectivity during naturalistic viewing conditions. *NeuroImage*, 157: 521-530.

Rosenberg MD, **Finn ES**, Scheinost D, Constable RT, Chun MM. (2017). Characterizing attention with predictive network models. *Trends in Cognitive Sciences*, 21: 290-302.

Shen X, **Finn ES**, Scheinost D, Rosenberg MD, Chun MM, Papademetris X, Constable RT. (2017). Using connectome-based predictive modeling to predict individual behavior from brain

connectivity. *Nature Protocols* 12: 506-18.

Scheinost D, Tokoglu F, Shen X, **Finn ES**, Noble S, Papademetris X, Constable RT. (2016). Fluctuations in global brain activity are associated with changes in whole-brain connectivity of functional networks. *IEEE Transactions on Biomedical Engineering*, 63(12): 2540–2549.

Pinango MM, **Finn ES**, Lacadie C, Constable RT. (2016). The localization of long-distance dependency components: Integrating the focal-lesion and neuroimaging record. *Frontiers in Psychology*, 7: article 1434.

Noble S, Scheinost D, **Finn ES**, Shen X, [...], Cannon TD, Constable RT. (2017) Multisite reliability of MR-based functional connectivity. *NeuroImage*, 146: 959-970.

**Finn ES**, Constable RT. (2016). Individual variation in functional brain connectivity and its implications for personalized approaches to psychiatric disease. *Dialogues in Clinical Neuroscience*, 18(3): 277–287.

Rosenberg MD, Zhang S, Hsu WT, Scheinost D, **Finn ES**, Shen X, Constable RT, Li C, Chun MM. (2016). Methylphenidate modulates functional network connectivity to enhance attention. *Journal of Neuroscience*, 36(37): 9547–9557.

Rosenberg MD\*, **Finn ES\***, Scheinost D, Shen X, Papademetris X, Constable RT, Chun MM. (2016) A neuromarker of sustained attention from whole-brain functional connectivity. *Nature Neuroscience*, 19: 165–171.

\*Authors contributed equally

**Finn ES\***, Shen X\*, Scheinost D, Rosenberg MD, Huang J, Chun MM, Papademetris X, Constable RT. (2015) Functional connectome fingerprinting: Identifying individuals using patterns of brain connectivity. *Nature Neuroscience*, 18: 1664–1671.

\*Authors contributed equally

Powers III AR, Ganscos MG, **Finn ES**, Morgan PT, Corlett PR. (2015). Ketamine-induced hallucinations. *Psychopathology*, 48 (6): 376-385.

Garrison KA, Scheinost D, **Finn ES**, Shen X, Constable RT. (2015) The (in)stability of functional brain network measures across thresholds. *NeuroImage*, 118: 651-661.

Rosenberg MD, **Finn ES**, Constable RT, Chun MM. (2015) Predicting moment-to-moment attentional state. *NeuroImage*, 114: 249-256.

Scheinost D, **Finn ES**, Tokoglu F, Shen X, Papademetris X, Hampson M, Constable RT. (2015). Sex differences in normal age trajectories of functional brain networks. *Human Brain Mapping*, 36(4): 1524-1535.

**Finn ES**, Shen X, Holahan JM, Scheinost D, Lacadie C, Papademetris X, Shaywitz SE, Shaywitz BA, Constable RT. (2014) Disruption of functional networks in dyslexia: A whole-brain, data-driven analysis of connectivity. *Biological Psychiatry*, 76(5): 397-404.

Scheinost D, Shen X, **Finn ES**, Sinha R, Constable RT, Papademetris X. (2014) Coupled intrinsic connectivity distribution analysis: A method for exploratory connectivity analysis of paired fMRI data. *PLoS ONE*, 9(3): e93544.

Constable RT, Scheinost D, **Finn ES**, Shen X, Hampson M, Winstanley FS, Spencer DD, Papademetris X. (2013) Potential use and challenges of functional connectivity mapping in intractable epilepsy. *Frontiers in Neurology*, 4 May: 39.

## EDITORIALS

Rosenberg MD, **Finn ES**. (2022). How to establish robust brain–behavior relationships without thousands of individuals. *Nature Neuroscience*, 25 (7): 835-837.

Botch TL, Robertson CE, **Finn ES**. (2021). A deeper look at vision and memory. *Nature Neuroscience*, 25(1): 8-10.

**Finn ES**, Glerean E, Hasson U, Vanderwal T. (2021). Naturalistic Imaging: The use of ecologically valid conditions to study brain function. *NeuroImage*, 118776-118776.

## BOOK CHAPTERS

**Finn ES**, Scheinost D, Shen X, Papademetris X, Constable RT. Methodological Issues in fMRI Functional Connectivity and Network Analysis. In *Brain Mapping: An Encyclopedic Reference*, ed. Toga, AW, Elsevier Inc., San Diego, 2015, pp. 697-704.

## POPULAR MEDIA COVERAGE

*Essays and articles authored for general audience*

“To improve big data, we need small-scale human imaging studies”. [The Transmitter](#), April 15, 2024.

“How I Learned to Stop Worrying and Love Linguistics”. [The New York Times](#), July 20, 2009.

“Brain activity is as unique – and identifying – as a fingerprint.” [TheConversation.com](#), Oct 12, 2015.

*Media coverage of my work*

[BBC](#), [NBC](#), [PBS](#), [CBS](#), [Newsweek](#), [Scientific American](#), [Discover](#), [WIRED](#), [Nature News](#), [The Scientist](#)

*Expert interviews*

[The New York Times](#), [WIRED](#), [The Pulse](#) (NPR podcast), [KPCC](#) (NPR Los Angeles)

Podcast interviews (featured guest)

[The Sydcast](#), [BJKS](#), [OHBM](#), [Synaptic](#) (The Transmitter)

## POPULAR LECTURES

- 2024 “Humans and Machines: Relationships and Boundaries”  
Northern Stage Theater, White River Junction, VT
- 2022 “The science of social ambiguity resolution”  
Northern Stage Theater, White River Junction, VT
- 2017 “Can you lie to MRI? The science of mind reading”  
Panel at South by Southwest, Austin, TX
- 2013 “Mind Reading: Can we do it? Should we?”  
New Haven Free Public Library, Science in the News series

## INVITED CONFERENCE TALKS

- 2025 Cognitive Neuroscience Society, Boston, Mass. (*Young Investigator Award talk*)
- 2024 Organization for Human Brain Mapping, Seoul, S. Korea (*keynote*)
- 2021 NIMH Workshop on Naturalistic Stimuli and Individual Differences (*virtual*)
- 2021 Brain Connectivity Workshop, Toronto, ON, Canada (*virtual*)
- 2021 American Society for Neuroradiology Annual Meeting (*virtual*)
- 2021 NIH BRAIN Initiative Transformative Non-Invasive Brain Imaging Technologies  
Workshop (*virtual*)
- 2019 Brain Health & Performance Summit, The Ohio State University
- 2019 Social & Affective Neuroscience Society, Miami, FL.
- 2019 Maryland Neuroimaging Retreat, Baltimore, Md. (*Early Career Scholar*)
- 2018 4<sup>th</sup> Biennial Brain Function Workshop, Whistler-Blackcomb, BC, Canada
- 2017 Brainhack DC, Washington, DC
- 2017 South by Southwest, Austin, TX
- 2017 Brainhack NYC (*keynote*), Child Mind Institute, New York, NY
- 2016 Fifth Biennial Conference on Resting State Brain Connectivity, Vienna, Austria
- 2016 3<sup>rd</sup> Biennial Brain Function Workshop, Whistler-Blackcomb, BC, Canada
- 2015 American Society for Neuroradiology Annual Meeting, Chicago, Ill.
- 2014 2<sup>nd</sup> Biennial Brain Function Workshop, Whistler-Blackcomb, BC, Canada

## INVITED SEMINARS & COLLOQUIA

- 2024 University of Chicago
- 2024 Brown University
- 2024 Yale University
- 2024 Medical College of Wisconsin (*virtual*)
- 2024 National Institute of Mental Health
- 2024 Georgetown University



2023 University of Cambridge, UK (*virtual*)  
 2023 University of Maryland  
 2023 Basque Center on Cognition, Brain and Language, Donostia, Spain (*virtual*)  
 2023 University of Wisconsin, Madison (*virtual*)  
 2023 University of California, Berkeley  
 2023 University of Michigan (*virtual*)  
 2022 Harvard/Brigham and Women's Hospital  
 2022 Institute of Mental Health, Ottawa, ON (*virtual*)  
 2022 Baylor College of Medicine (*virtual*)  
 2022 Northwestern University Feinberg School of Medicine (*virtual*)  
 2022 Stanford University Center for Mind, Brain, Computation & Technology (*virtual*)  
 2022 Krembil Brain Institute, Toronto (*virtual*)  
 2021 University of Reading, UK (*virtual*)  
 2021 Columbia University, Dept. of Psychiatry (*virtual*)  
 2021 University College London Inst. for Cognitive Neuroscience (*virtual*)  
 2021 University of Pennsylvania, Perelman School of Medicine (*virtual*)  
 2021 Cornell Univ. & Weill Cornell Medicine (*virtual*)  
 2021 Douglas Cerebral Imaging Center/McGill University (*virtual*)  
 2021 Trinity College Dublin (*virtual*)  
 2021 Sungkyunkwan University, Seoul, South Korea (*virtual*)  
 2021 University of Minnesota Dept. of Psychiatry & Behavioral Sciences (*virtual*)  
 2021 Japanese Meeting for Human Brain Imaging Virtual Talk Series (*virtual*)  
 2021 UCSB Cognitive Neuroscience Seminar Series (*virtual*)  
 2020 Caltech Computation & Neural Systems Seminar, Pasadena, Calif.  
 2019 Georgetown Methods Lab, Georgetown Psychology, Washington, D.C.  
 2019 National Institute on Drug Abuse, Baltimore, Md.  
 2019 Hasson Lab Seminar, Princeton University, Princeton, N.J.  
 2019 Chen/Honey Lab Seminar, Johns Hopkins University, Baltimore, Md.  
 2019 Dept. of Psychological & Brain Sciences, Dartmouth College, Hanover, N.H.  
 2019 Nathan S. Kline Institute, Orangeburg, N.Y.  
 2018 Aly/Baldassano Lab Seminar, Columbia Psychology, New York, N.Y.  
 2018 NIMH Julius Axelrod Symposium, Bethesda, Md.  
 2017 NIMH Clinical & Translational Neurosciences Branch, Bethesda, Md.  
 2017 Johns Hopkins/Kennedy Krieger Institute, Baltimore, Md.  
 2016 Centre for Functional MRI of the Brain (FMRIB), University of Oxford, UK  
 2016 Max Planck Institute, University College London, UK  
 2016 National Institute of Mental Health, Bethesda, Md.  
 2015 Kavli Brain Coffee Hour, Yale Institute for Network Science, New Haven, Conn.  
 2014 Yale Magnetic Resonance Research Center Seminar Series, New Haven, Conn.

## CONTRIBUTED CONFERENCE TALKS

2025 Cognitive Neuroscience Society, Boston, Mass. (*Symposium*)  
 2024 Organization for Human Brain Mapping, Seoul, S. Korea (*Symposium*)

2023	Organization for Human Brain Mapping, Montreal, QC
2023	Winter Conference on Brain Research, Snowbird, UT
2020	Organization for Human Brain Mapping, Virtual Meeting ( <i>Educational Workshop</i> )
2019	Organization for Human Brain Mapping, Rome, Italy
2018	Society for Neuroscience, San Diego, CA
2018	Organization for Human Brain Mapping, Singapore
2017	Society for Neuroscience, Washington, DC
2017	Computational Neuroscience Society, Antwerp, Belgium
2017	Organization for Human Brain Mapping, Vancouver, BC ( <i>Symposium</i> )
2017	Organization for Human Brain Mapping, Vancouver, BC ( <i>Educational Workshop</i> )
2017	Society of Biological Psychiatry, San Diego, CA
2012	Society for Neuroscience, New Orleans, LA

## TEACHING

<i>Fall 2024</i>	Introduction to Neuroscience, Dartmouth College
<i>Fall 2023</i>	Introduction to Neuroscience, Dartmouth College
<i>Winter 2022</i>	Introduction to Neuroscience, Dartmouth College
<i>Winter 2021</i>	Principles of Human Brain Mapping with fMRI, Dartmouth College
<i>Summer 2018</i>	Instructor, NIH Neuroimaging Summer Course
<i>Summer 2017</i>	Instructor, Online Brain Intensive course
<i>Fall 2015</i>	Teaching Fellow, Introduction to Cognitive Science (Yale College)
<i>Fall 2013</i>	Teaching Fellow, Introduction to the Human Brain (Yale College)

## MENTORING

### *Full-time trainees*

Dr. Qi “Kay” Liang (Dartmouth postdoc, 2023 – present)

Dr. Rekha Varrier (Dartmouth postdoc, 2020–2024)

Dr. Peng Liu (Dartmouth postdoc, 2022–2023)

Dr. Clare Grall (Dartmouth postdoc, 2020–2022)

Kathryn O’Neill (Dartmouth cognitive neuroscience PhD student, fall 2021 – present)

Thomas Botch (Dartmouth cognitive neuroscience PhD student, fall 2021 – present)

Awarded Primals Research Student Award (UPenn/Templeton Religion Trust)

Awarded second prize, Neukom Institute Outstanding Graduate Research in Computational Science 2024

Clara Sava-Segal (Dartmouth cognitive neuroscience PhD student, fall 2020 – present)

Awarded NSF Graduate Research Fellowship

Awarded NIMH F31 pre-doctoral fellowship

Dallas Brodersen (Dartmouth research assistant, 2024–present)

Zishan Su (Dartmouth research assistant, 2023–present)

Jordan Selesnick (Dartmouth research assistant, 2022–2023)

Tory Benson (Dartmouth research assistant/lab manager, 2022–2024)

Josie Equita (Dartmouth research assistant/lab manager, 2020–2022)

Chandler Richards (NIMH post-baccalaureate fellow, 2019–2020)  
Arman Khojandi (NIMH post-baccalaureate fellow, 2018–2019)  
Dannie Griggs (NIMH undergraduate student, 2018)  
Amy Loret (NIMH undergraduate student, 2018)  
Natasha Topolski (NIMH post-baccalaureate fellow, 2017–2018)  
Jessica Huang (Yale high school student, summer 2015, 2016)

***PhD thesis committee***

Alexis Kidder (Dartmouth PBS)  
Megan Hillis (Dartmouth PBS)  
Anna Mynick (Dartmouth PBS)  
Sasha Brietzke (Dartmouth PBS, 2022)  
Sophie Wohltjen (Dartmouth PBS, 2022)  
Kirsten Ziman (Dartmouth PBS, 2022)  
Lucy Owen (Dartmouth PBS, 2021)  
Mehran Moradi (Dartmouth PBS, 2021)

***External PhD thesis committee***

Hongji Kim (Sungkyunkwan University, South Korea; 2024)  
Jivesh Ramduny (Trinity College Dublin, Ireland; 2023)  
Gidon Levakov (Ben-Gurion University of the Negev, Israel; 2023)  
Elizabeth DuPre (McGill University, 2022)  
Temidayo Orederu (Icahn School of Medicine at Mount Sinai MD/PhD, 2021)

***PhD qualifying exam committee***

Anthony Dunn (Dartmouth PBS, 2025)  
Eunhye Choe (Dartmouth PBS, 2024)  
Menghan Yang (Dartmouth PBS, 2024)  
Yeongji Lee (Dartmouth PBS, 2023)  
Byeol Kim (Dartmouth PBS, 2023)  
Paxton Fitzpatrick (Dartmouth PBS, 2023)  
Xinming Xu (Dartmouth PBS, 2023)  
Alexis Kidder (Dartmouth PBS, 2022)  
Caroline Lee (Dartmouth PBS, 2021)  
Danika Geisler (Dartmouth PBS, 2021)  
Courtney Jimenez (Dartmouth PBS, 2021)

**PROFESSIONAL SERVICE**

2021	Organizing Committee, NIMH Workshop on Dynamic Data Visualization
2020-2022	Program Committee, Organization for Human Brain Mapping
2018	Abstract reviewer, Organization for Human Brain Mapping

**INSTITUTIONAL SERVICE**

2024-2025 Search committee, tenure-track faculty, PBS social area  
 2021- Dartmouth Brain Imaging Center Steering Committee, Psychological & Brain Sciences, Dartmouth College  
 2021-2024 Neuroscience Committee, Psychological & Brain Sciences, Dartmouth College  
 2021 Advisory Committee, Psychological & Brain Sciences, Dartmouth College  
 2020-2021 Inclusivity, Diversity & Culture Committee, Psychological & Brain Sciences, Dartmouth College  
 2020-2021 Well-Being Working Group, Psychological & Brain Sciences, Dartmouth College  
 2017 NIH Post-bac Poster Day volunteer judge  
 2014-2016 Yale Magnetic Resonance Research Center Seminar Series organizer  
 2013-2014 Yale Interdepartmental Neuroscience Program Student-Faculty Lunch organizer  
 2013 Yale Interdepartmental Neuroscience Program NeuroDay planning committee

## PROFESSIONAL AFFILIATIONS

Organization for Human Brain Mapping  
 Social and Affective Neuroscience Society  
 Cognitive Neuroscience Society  
 Society for Neuroscience

## EDITORIAL SERVICE

2024- *The Journal of Neuroscience* (Associate Editor)  
 2023- *Imaging Neuroscience* (Editorial Board member)  
 2018- *Network Neuroscience* (Editorial Board member; occasional handling editor)  
 2017-2023 *NeuroImage* (special issue guest editor: “Naturalistic Imaging”, fall 2019)

## AD HOC MANUSCRIPT REVIEW

<i>Biological Psychiatry</i>	<i>Nature Human Behavior</i>
<i>Brain</i>	<i>Nature Neuroscience</i>
<i>Brain Connectivity</i>	<i>Network Neuroscience</i>
<i>Brain Structure &amp; Function</i>	<i>New England Journal of Medicine</i>
<i>Cerebral Cortex</i>	<i>NeuroImage</i>
<i>Developmental Cognitive Neuroscience</i>	<i>Personality Neuroscience</i>
<i>eLife</i>	<i>PLoS Computational Biology</i>
<i>Frontiers in Neuroscience</i>	<i>PLoS ONE</i>
<i>Human Brain Mapping</i>	<i>Proceedings of the National Academy of Sciences</i>
<i>Intelligence</i>	
<i>Journal of Neuroscience</i>	<i>Psychological Science</i>
<i>Nature Communications</i>	<i>Science Advances</i>

## GRANT REVIEW

National Institutes of Health  
National Science Foundation  
University of Rochester Del Monte Institute for Neuroscience  
Israel Science Foundation

## **SKILLS/OTHER**

Winner, Best Brain Icon, Brain Art Competition 2016 (NeuroBureau/OHBM)  
Spanish (fluent), French (proficient), German, Russian, Modern Greek (basic)  
CrossFit Level 1 Trainer