MAUREEN RITCHEY

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Pronouns: she/her
http://www.thememolab.org
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ACADEMIC HISTORY

2026 – present	**University of California, Los Angeles** Associate Professor Department of Psychology
2016 – 2025	**Boston College** 2023-2025: Associate Professor 2016-2023: Assistant Professor Department of Psychology and Neuroscience
2011 – 2016	**University of California, Davis** Postdoctoral Scholar Center for Neuroscience
2011	**Duke University** Ph.D., Psychology & Neuroscience Cognitive Neuroscience Admitting Program
2005	**University of Notre Dame** B.S., Mathematics, *magna cum laude* B.A., Psychology, *magna cum laude*

RESEARCH SUPPORT

2025—2027 - TÜBİTAK Joint Support Program with the National Science Foundation
125N116
Co-PI, *VIVID: Exploring the Foundations of Memory Vividness* (PI: Çağla Aydin)
Total costs: ~$45,000

2022—2026 – National Institute of Mental Health
R01MH125990
PI, *Brain networks predicting variability in episodic memory quality*
Total costs: $1,133,037

2022—2027 – National Institute of Aging
R01AG075031
Co-I, *Bringing positive and negative events to mind: Effects of age on emotional memory retrieval* (PI: Elizabeth Kensinger)
Total costs: $1,973,381

2021—2026 – National Science Foundation
CAREER Award, BCS-2047415
PI, *Cognitive and neural factors shaping the multidimensional quality of episodic memory*
Total costs: $848,514

2019—2022 – Brain and Behavior Research Foundation
NARSAD Young Investigator Grant
PI, *Neural mechanisms supporting regulation of emotional memories*
Total costs: $69,273

2018—2020 – National Institute of Mental Health
R03MH116872
Co-I, *Interactions between affective and sensory regions during the experience and recollection of emotional events* (PI: Elizabeth Kensinger)
Total costs: $156,500

2015—2020 – National Institute of Mental Health
K99/R00MH103401, Pathway to Independence Award
PI, *Emotional modulation of human memory processes and cortico-hippocampal systems*
Total costs: $914,092

2008—2011 – National Institute of Mental Health
F31MH085384, Ruth L. Kirschstein Predoctoral National Research Service Award
Fellow, *Neuroimaging of emotional association formation and subsequent effect on memory*

Internal Research Support

AY 2023-24	Boston College Sabbatical Fellowship
Summer 2021	Boston College Research Incentive Grant, $15,000
Summer-Fall 2018	Boston College Research Expense Grant, $2,000

PUBLICATIONS

Citation information: https://scholar.google.com/citations?user=kmOfw54AAAAJ
+ first authored by a postdoc in my lab
# first authored by a graduate student in my lab
^ first authored by an undergraduate student in my lab
senior author is listed last, unless *otherwise noted

Ritchey, M. (under review). The representational structure of episodic memory in the default mode network.

Parent, J.H., Markova, T., O'Malley, K., Kensinger, E.A., Ritchey, M., & Berry, A.S. (under review). Aging differentially affects memory vividness and remembered salience for emotionally negative images.

Curko, N., Samide, R., Krenz, V., Kensinger, E., & Ritchey, M. (under review). Remembered event features shape default mode network engagement during emotional memory recall.

# Brooks, P.P.[1], Hennings, A.C.[1], Guzman, B., Kim, M., Norman, K.A.[2], & Ritchey, M.[2] (under review). Eye movements reveal the cognitive dynamics supporting successful memory suppression. *PsyArXiv*, https://doi.org/10.31234/osf.io/mdrh4_v1. [1,2] denotes equal contributions

Curko, N., & Ritchey, M. (2025). Traveling through space and time with our memories. *Frontiers for Young Minds*. https://kids.frontiersin.org/articles/10.3389/frym.2025.1519967

+ Ladyka-Wojcik, N., Schmidt, H., Cooper, R.A., & Ritchey, M. (2025). Neural signatures of recollection are sensitive to memory quality and specific event features. *Journal of Cognitive Neuroscience*, 37(10), 1757-1773.

Faul, L., Ritchey, M., & Kensinger, E.A. (2025). The relationship between subjective vividness and remembered visual characteristics of emotional stimuli across the lifespan. *Emotion*, 25(6), 1579–1595.

^ Hu, T.[1], Yi, H.Y.[1], Brooks, P. P., & Ritchey, M. (pre-print). Reinstated patterns of visual attention promote flexible scene recognition. *PsyArXiv*, https://osf.io/preprints/psyarxiv/ys9cz. [1]denotes equal contributions

Iancarelli, A., Rypkema, N., Ritchey, M., & Satpute, A.B. (2025). The affective science network: A fieldwide map of over 1 million citations. *Affective Science*, 6, 321-339.

Brooks, P. P., Guzman, B.A., Kensinger, E.A., Norman, K. A., & Ritchey, M. (2024). Eye tracking evidence for the reinstatement of emotionally negative and neutral memories. *PLOS ONE*, 19(5): e0303755.

Kurkela, K.A., & Ritchey, M. (2024). Intrinsic functional connectivity among memory networks does not predict individual differences in narrative recall. *Imaging Neuroscience*, 2, 1-17.

Mojescik, K.M., Berens, S., De Luca, F., Ritchey, M., & Bird, C.M. (2024). The relationship between subjective memory experience and objective memory performance remains stable across the lifespan. *Collabra: Psychology*, 10 (1): 116195.

Huang, S., Howard, C.M., Hovhannisyan, M., Ritchey, M., Cabeza, R., & Davis, S.W. (2024). Hippocampal functions modulate transfer-appropriate cortical representations supporting subsequent memory. *Journal of Neuroscience*, 44 (1) e1135232023; doi: 10.1523/JNEUROSCI.1135-23.2023

Garcia, S.M., Ritchey, M., & Kensinger, E.A. (2023). How list composition affects the emotional enhancement of memory in younger and older adults. *Cognition and Emotion*, 1–18. https://doi.org/10.1080/02699931.2023.2270202

Kurkela, K.A., Cooper, R.A., Ryu, E., & Ritchey, M. (2022). Integrating region- and network-level contributions to episodic recollection using multilevel structural equation modeling. *Journal of Cognitive Neuroscience*, 34(12), 2341-2359.

Leavitt, V.*, Dworkin, J., Buyukturkoglu, K., Riley, C. & Ritchey, M. (2022). Summary metrics of memory subnetwork functional connectivity alterations in multiple sclerosis. *Multiple Sclerosis Journal*, 28 (12), 1963-1972. *senior author listed first

+ Cooper, R.A., & Ritchey, M. (2022). Patterns of episodic content and specificity predicting subjective memory vividness. *Memory & Cognition*, 50(8), 1629-1643.

Riegel, M., Wierzba, M., Wypych, M., Ritchey, M., Jednorog, K., Grabowska, A., Vuilleumier, P., & Marchewka, A. (2022). Distinct medial-temporal lobe mechanisms of encoding and amygdala-mediated memory reinstatement for disgust and fear. *NeuroImage*, 251, 118889.

Radvansky, G.A.*, Doolen, A.C., Pettijohn, K.A., & Ritchey, M. (2022). A new look at memory retention and forgetting. *Journal of Experimental Psychology: Learning, Memory, and Cognition.* Online ahead of print, doi: 10.1037/xlm0001110. *senior author listed first

Simons, J.S., Ritchey, M., & Fernyhough, C. (2022). Brain mechanisms underlying the subjective experience of remembering. *Annual Review of Psychology*, 73.

+ Cooper, R.A., Kurkela, K., Davis, S.W., & Ritchey, M. (2021). Mapping the organization and dynamics of the posterior medial network during movie watching. *NeuroImage*, 236, 118075.

Samide, R., & Ritchey, M. (2021). Reframing the past: Role of memory processes in emotion regulation. *Cognitive Therapy and Research*, 45, 848-857.

Gregory, D., Ritchey, M., & Murty, V.P. (2020). Amygdala and ventral tegmental area differentially interact with hippocampus and cortical medial temporal lobe during rest in humans. *Hippocampus*, 30(10), 1073-1080.

Ritchey, M.[1], & Cooper, R.A.[1] (2020). Deconstructing the posterior medial episodic network. *Trends in Cognitive Sciences*, 24(6), 451-465. [1]denotes equal contributions

+ Cooper, R.A. & Ritchey, M. (2020). Progression from feature-specific brain activity to hippocampal binding during episodic encoding. *Journal of Neuroscience*, 40(8), 1701-1709.

Samide, R., Cooper, R.A. & Ritchey, M. (2020). A database of news videos for investigating the dynamics of emotion and memory. *Behavior Research Methods*, 52, 1469-1479.

Shields, G.S., McCullough, A.M., Ritchey, M., Ranganath, C., & Yonelinas, A.P. (2019). Stress and the medial temporal lobe at rest: Functional connectivity is associated with both memory and cortisol. *Psychoneuroendocrinology*, 106, 138-146.

+ Cooper, R.A., & Ritchey, M. (2019). Cortico-hippocampal network connections support the multidimensional quality of episodic memory. *eLife*, 8:e45591.

+ Cooper, R.A., Kensinger, E.A., & Ritchey, M. (2019). Memories fade: Effects of emotion on remembered visual salience. *Psychological Science*, 30(5), 657-668.

Ritchey, M., Wang, S.-F., Yonelinas, A.P., & Ranganath, C. (2019). Dissociable medial temporal lobe pathways for encoding emotional item and context information. *Neuropsychologia*, 124, 66-78.

Jonker, T.R., Dimsdale-Zucker, H.R., Ritchey, M., Clarke, A., & Ranganath, C. (2018). Neural reactivation in parietal cortex enhances memory for episodically linked information. *Proceedings of the National Academy of Sciences*, 115 (43), 11084-11089.

Rogers-Carter, M.M., Varela, J., Gribbons, K.B., Pierce, A.F., McGoey, M.T., Ritchey, M., & Christianson, J.P. (2018). Insular cortex mediates approach and avoidance responses to social affective stimuli. *Nature Neuroscience*, 21(3), 404-414.

Dimsdale-Zucker, H.R., Ritchey, M., Ekstrom, A.D., Yonelinas, A.P., & Ranganath, C. (2018). CA1 and CA3 differentially support spontaneous retrieval of episodic contexts within human hippocampal subfields. *Nature Communications*, 9, 294.

Ritchey, M., McCullough, A.M., Ranganath, C., & Yonelinas, A.P. (2017). Stress as a mnemonic filter: Interactions between medial temporal lobe encoding processes and post-encoding stress. *Hippocampus*, 27 (1): 77-88.

Gruber, M.J., Ritchey, M., Wang, S.-F., Doss, M.K., & Ranganath, C. (2016). Post-learning hippocampal dynamics promote preferential retention of rewarding events. *Neuron*, 89 (5), 1110-20.

Wang, S.-F., Ritchey, M., Libby, L.A., & Ranganath, C. (2016). Functional connectivity based parcellation of the human medial temporal lobe. *Neurobiology of Learning and Memory*, 134 (A), 123-134.

Yonelinas, A.P. & Ritchey, M. (2015). The slow forgetting of emotional episodic memories: An emotional binding account. *Trends in Cognitive Sciences*, 19(5), 259-267.

McCullough, A.M. Ritchey, M., Ranganath, C., & Yonelinas, A.P. (2015). Differential effects of stress-induced cortisol responses on recollection and familiarity based recognition memory. *Neurobiology of Learning and Memory*, 123, 1-10.

Ritchey, M., Montchal, M.E., Yonelinas, A.P., & Ranganath, C. (2015). Delay-dependent contributions of medial temporal lobe regions to episodic memory retrieval. *eLife*, 4:e05025.

Wing, E.A., Ritchey, M., & Cabeza, R. (2015). Reinstatement of individual past events revealed by the similarity of distributed activation patterns during encoding and retrieval. *Journal of Cognitive Neuroscience*. 27(4), 679-691.

Dew, I.T.Z., Ritchey, M., LaBar, K.S., & Cabeza, R. (2014). Prior perceptual processing enhances the effect of emotional arousal on the neural correlates of memory retrieval. *Neurobiology of Learning and Memory*. 112, 104-113.

Ritchey, M., Yonelinas, A.P., & Ranganath, C. (2014). Functional connectivity relationships predict similarities in task activation and pattern information during associative memory encoding. *Journal of Cognitive Neuroscience*, 26 (5), 1085-1099.

Ritchey, M., Wing, E.A., LaBar, K.S., & Cabeza, R. (2013). Neural similarity between encoding and retrieval is related to memory via hippocampal interactions. *Cerebral Cortex*, 23(12), 2818-2828.

Ranganath, C. & Ritchey, M. (2012). Two cortical systems for memory-guided behavior. *Nature Reviews Neuroscience*, 13, 713-726.

Ritchey, M., LaBar, K.S., & Cabeza, R. (2011). Level of processing modulates the neural correlates of emotional memory formation. *Journal of Cognitive Neuroscience*. 23 (4), 757-771.

Ritchey, M., Bessette-Symons, B., Hayes, S.M., & Cabeza R. (2011). Emotion processing in the aging brain is modulated by elaboration. *Neuropsychologia*, 49 (4), 640-650.

Ritchey, M.[1], Dolcos, F.[1], Eddington, K.M.[1], Strauman, T., & Cabeza R. (2011). Neural correlates of emotional processing in depression: Changes with cognitive behavioral therapy and predictors of treatment response. *Journal of Psychiatric Research*, 45 (5), 577-587. [1]denotes equal contributions

Murty, V.P.[1], Ritchey, M.[1], Adcock, R.A., & LaBar, K.S. (2010). fMRI studies of successful emotional memory encoding: A quantitative meta-analysis. *Neuropsychologia*, 48 (12), 3459-3469. [1]denotes equal contributions

Ritchey, M., Dolcos, F., & Cabeza, R. (2008). Role of amygdala connectivity in the persistence of emotional memories over time: An event-related fMRI investigation. *Cerebral Cortex*, 18(11), 2494-2504.

Dillon, D.G., Ritchey, M., Johnson, B.D., & LaBar, K.S. (2007). Dissociable effects of conscious emotion regulation strategies on explicit and implicit memory. *Emotion*, 7(2), 354-265.

Marsolek, C.J., Schnyer, D.M., Deason, R.G., Ritchey, M., & Verfaellie, M. (2006). Visual anti-priming: Evidence for ongoing adjustments of superimposed object representations. *Cognitive, Affective, & Behavioral Neuroscience*, 6(3), 163-174.

Siegler, B.A., Ritchey, M., & Rubin, J. (2005). Spike timing dependent plasticity as a mechanism for ocular dominance shift. *Neurocomputing, 65*, 181-188.

Book chapters

Gruber, M.J.[1] & Ritchey, M.[1] (2020). Episodic memory modulation: How emotion and motivation shape the encoding and storage of salient memories. In M.S. Gazzaniga (Ed.), The Cognitive Neurosciences (6th ed.). Cambridge, MA: The MIT Press. [1]denotes equal contributions

Ritchey, M., Libby, L.A., & Ranganath, C. (2015). Cortico-hippocampal systems involved in memory and cognition: The PMAT framework. In Shane O'Mara & Marian Tsanov (Ed.), The Connected Hippocampus, Progress in Brain Research, Elsevier.

Arzi, A., Banerjee, S., Cox, J.C., … Ritchey, M., … Wood, S. (2014). The significance of cognitive neuroscience: Findings, applications, and challenges. In M.S. Gazzaniga (Ed.), The Cognitive Neurosciences (5th ed.). Cambridge, MA: The MIT Press.

Commentaries

+ Ladyka-Wojcik, N., & Ritchey, M. (2024). Surveying the neuroimager's connectivity toolbox: Comment on "Connectivity analyses for task-based fMRI" by Huang, De Brigard, Cabeza, & Davis. *Physics of Life Reviews*, https://doi.org/10.1016/j.plrev.2024.09.012.

Ritchey, M. (2018). Memory modulation: An introduction to the special issue. *Cognitive Neuroscience*, https://doi.org/10.1080/17588928.2018.1519531.

Ritchey, M., Murty, V.P., & Dunsmoor, J.E. (2016). Adaptive memory systems for remembering the salient and the seemingly mundane. *Behavioral and Brain Sciences*, e221.

Venkatraman, V., Ritchey, M., & Reeck, C. (2009). Post-choice revaluation of hedonic preferences: Insights from functional imaging. *Frontiers in Human Neuroscience: General Commentary,* 3(18), 1-3.

AWARDS & HONORS

Induction to the Society for Experimental Psychologists, 2025
Early Investigator Award, Society for Experimental Psychologists, 2025
Early Career Impact Award, Federation of Associations in Behavioral & Brain Sciences, Cognitive Neuroscience Society Award Winner, 2022
Bishop Hartley High School Hall of Distinction Alumni Award, 2022
CAREER Award, National Science Foundation, 2021
Election to the Memory Disorders Research Society, 2016
Rising Star Award, Association for Psychological Science, 2015
Laird Cermak Award, Memory Disorders Research Society, 2015
Summer Institute in Cognitive Neuroscience Fellow, Squaw Valley, 2013
Summer Institute in Cognitive Neuroscience Fellow, Santa Barbara, 2012
National Science Foundation Graduate Research Fellowship Honorable Mention, 2007
James B. Duke Fellowship, Duke University, 2005–2009
National Science Foundation Research Experience for Undergraduates Summer Fellow, 2003, 2004
Glenna R. Joyce Full Scholarship, University of Notre Dame, 2001–2005
Notre Dame Scholar, University of Notre Dame, 2001
National Merit Scholar, 2001

TEACHING

Courses taught at UCLA

Cognitive Neuroscience, PSYCH 119C
Winter 2026

Data Skills for Psychology, PSYCH 186F
Spring 2026

Courses taught at Boston College

Cognitive Neuroscience, PSYC3371
Fall 2024, Spring 2023, Fall 2021, Spring 2021 (hybrid), Spring 2020 (hybrid), Spring 2019, Spring 2018, Spring 2017

Programming for Psychology and Neuroscience, PSYC4425
Spring 2025
Open course website: https://ritcheym.github.io/ppn/

Research Practicum in Cognitive Neuroscience, PSYC4477
Fall 2025, Spring 2022, Fall 2018

Advanced Topics in the Neuroscience of Memory, PSYC5573
Fall 2022, Fall 2020 (hybrid)

The Hippocampus, PSYC5577
Fall 2017

Other teaching-related activities

Boston College Psychology Monday Methods Meetings (organizer & speaker), 2016—2018
Lab Instructor, Multi-voxel pattern analysis. The Hippocampus: From Circuits to Cognition, Bordeaux, France, 2016
Guest lectures: *fMRI Data Analysis*, *Emotion & Memory*, UC Davis, 2013—2015
Co-Organizer & Instructor, MTL Tracing Bootcamp, UC Davis, 2013
The Duke Reader Project (writing mentorship program), 2012, 2013
Preparing Future Faculty Program, Duke University, 2010—2011
Guest lectures: *Memory*, *Emotion and the Brain*, *Cognitive Neuroscience*, Duke, 2006—2008
Instructor assistant, Biological Bases of Behavior, Duke University, 2007, 2008
Instructor assistant, Introduction to Cognitive Neuroscience, Duke University, 2007

PROFESSIONAL ACTIVITIES

2024—present	Rising Stars Session Committee, *Cognitive Neuroscience Society*
2023—present	Communications Liaison, Executive Committee, *Memory Disorders Research Society*
2020—present	Consulting Editor, *Journal of Cognitive Neuroscience*
2024	Participant, *BIDMC Intensive Course in Transcranial Magnetic Stimulation*
2023—2024	Affiliate Faculty, *Roux Institute at Northeastern University*
2018—2023	Organizing Committee, *Context and Episodic Memory Symposium (CEMS)* + significant role in reformatting CEMS as a free virtual conference in 2020
2021	Executive Committee, *Memory Disorders Research Society*
2021	Chair, Virtual Meeting Organizing Committee, *Memory Disorders Research Society*
2020	Trainee Professional Development Award Review Committee, *Society for Neuroscience*
2020	Early Career Reviewer Program, *National Institutes of Health*
2019	Panelist, Professional Development Panel, *Cognitive Neuroscience Society Annual Meeting*
2018	Guest Editor, Special Issue on Memory Modulation, *Cognitive Neuroscience*
2014	Panelist, Professional Developmental Panel, *Association for Psychological Science Annual Convention*

Reviewing

Journals: *Behavioural Brain Research; Cerebral Cortex*; *Cognition*; *Cognition and Emotion; Cognitive, Affective, & Behavioral Neuroscience*; *Cognitive Neuroscience*; *Cortex*; *Emotion; eLife; eNeuro*; *Frontiers in Integrative Neuroscience; Hippocampus; Human Brain Mapping*; *Journal of Cognitive Neuroscience; Journal of Experimental Psychology: General*; *Journal of Neuroscience; Learning & Memory; Memory*; *Nature Communications*; *Nature Neuroscience*; *Nature Reviews Neuroscience*; *Neurobiology of Aging*; *Neurobiology of Learning and Memory*; *NeuroImage; Neuron; Proceedings of the National Academy of Sciences; Psychonomic Bulletin & Review; Scientific Reports; Social Cognitive and Affective Neuroscience*; *Trends in Cognitive Science*; *Trends in Neurosciences*; *Quarterly Journal of Experimental Psychology*

Funding agencies: *National Science Foundation (ad hoc; panel: 2021), National Institutes of Health (study sections: 2020, 2021, 2022, 2023, 2024), Canada Research Chairs (ad hoc)*

DEPARTMENTAL & UNIVERSITY ACTIVITIES

UCLA

2026	Faculty Awards Committee

Boston College

2025	Marginalia Conference Co-Organizer
2025	Faculty Sweep, Halftime Retreat, Center for Student Formation
2024	Faculty Search Committee, Computational Cognitive Science
2024—2025	Trainee Mentoring and Belonging Committee
2024—2025	Human Neuroscience Lab Advisory Committee
2019—2025	Pre-Health Advising Committee
2017—2025	Departmental Colloquium Committee (Chair: 2018—2023)
2016—2023	Departmental Technological and Methodological Training Committee
2018—2023	Departmental Future Directions Committee
2019—2023	Gabelli Presidential Scholars Program Mentor
2022	McCarthy Award Reader
2022, 2025	Gabelli Presidential Scholars Program Interviewer
2020—2021	Faculty Search Committee x 2, Behavioral Neuroscience
2020—2021	Departmental Remote Research Committee
2020—2021	Departmental Diversity & Inclusion Hiring Working Group
2018, 2022	McNair Exploratory Program Mentor

OUTREACH ACTIVITIES

2024, 2025	Psychology & neuroscience workshop (organizer), Pine Manor Institute Summer Enrichment Program, Boston College
2023, 2024	Lab Tour and Presentation, Boston College Summer Experience
2023	Podcast guest, *Permanence*, BBC Radio 4: The Digital Human
2021	Discovery Museum Women in STEAM Event Series, Acton, MA
2020	Invited speaker, Intersections Research Forum, Boston College
2020	Invited speaker, STEMPossible Program, United Way of Delaware County, OH
2020	Invited speaker, Women in Science and Technology Program, Boston College
2019	Discovery Museum Science & Engineering Communication Fellowship, Acton, MA
2018	Radio guest, *Default Mode* hosted by Ari Khoudary on WZBC, Boston College
2012	Invited speaker, *The science of human memory*, Evernote, Mountain View, CA

DATA & CODE AVAILABILITY

SPM batching tutorial	http://github.com/ritcheym/fmri_misc/tree/master/batch_system
Interactive ROC curves	http://github.com/ritcheym/shinyapps
Ritchey et al. 2015	https://elifesciences.org/content/4/e05025/article-data
	https://neurovault.org/collections/3731/
Ritchey et al. 2019	http://www.thememolab.org/paper-memohr/
Cooper et al. 2019	https://osf.io/cuz8g/
Cooper & Ritchey 2019	http://www.thememolab.org/paper-orbitfmri/
Samide et al. 2020	http://www.thememolab.org/paper-videonorming/
Cooper & Ritchey 2020	http://www.thememolab.org/paper-bindingfmri/
Cooper et al. 2021	http://www.thememolab.org/paper-camcan-pmn/
Cooper & Ritchey 2022	http://www.thememolab.org/paper-vividness-features/
Kurkela et al. 2022	https://github.com/memobc/paper-integrating-region-network

Kurkela et al. 2024	https://github.com/memobc/paper-CamCanIDs
Brooks et al. 2024	https://osf.io/uh7y5/
Hu, Yi, et al. pre-print	https://osf.io/kztfr/
R programming resources	https://ritcheym.github.io/ppn/

MENTORING

PhD students

		Current position or Position(s) following graduation
Weifang Huang	2024—present	
Nina Curko	2022—present	
Paula Brooks (visiting scholar) +	2019—2023	Full-time Parent
Kyle Kurkela	2018—2023	Research Computing Data Specialist, Boston Univ
Rosalie Samide *	2016—2022	Data Analyst & Researcher, Fidelity

*+ NIH D-SPAN F99/K00, * BC dissertation award*

Postdoctoral trainees

Sandry Garcia	2025—present	
Valentina Krenz	2024—present	
Natalia Ladyka-Wojcik +	2024	Postdoc, University of Toronto
Rose Cooper	2017—2021	Senior Research Scientist, Meta Reality Labs

+ NSERC PDF

Full-time lab coordinators & research specialists

Hannah Piccirilli	2024—present	
Colette Chen	2024 (co-op)	Applying to med school
Brigitte Guzman	2022—2024	Research Coordinator at UCLA
Helen Schmidt	2018—2021	PhD student at Temple
Kyle Kurkela	2016—2018	PhD student at Boston College
Max Bluestone	2016—2018	MS student at Dartmouth; AI Scientist

Undergraduate senior thesis supervision

Hannah Bell *	2025—2026	
Kate Hansen *	2025—2026	
Rachel Wegener *	2025—2026	
Maddie Andrews *	2024—2025	
Emma Greenlees *	2024—2025	
Makayla Romanus *	2023—2024	Strategy associate
Abigail Walker	2023—2024	Applying to med school
Tingwei Hu	2022—2023	Research assistant at Duke
Maria Noyes *	2022—2023	Doctoral program in physical therapy
Rishi Srinivasan	2022—2023	Applying to med school
Hae Young Yi *	2022—2023	Research assistant at Yale School of Medicine; MD student
Zoe Ting *	2021—2022	MD student at Georgetown
Natale Schmitz *	2019—2020	PsyD student at Yeshiva University
Emily Iannazzi *	2018—2019	Research assistant at Harvard; PhD student at UWashington
Ari Khoudary *^+	2018—2019	Research assistant at Duke; PhD student at UC Irvine
Kelly Vogel ^	2017—2018	PsyD student at Loma Linda

** Psychology honors, + Scholar of the College, ^ MCAS honors*

Student committee membership

UCLA

Erin Morrow (PhD committee)	present

Boston College

Alexandra Ng (PhD committee)	present
Zoe Irving (MA, PhD committee)	2025
Sandry Garcia (PhD committee)	2025
Marie Diagne (MA committee)	2025
Anthony Djerdjaj (PhD committee)	2024
Emily Schwartz (PhD committee)	2024
Julia Maybury (MA committee)	2023
Ryan Bottary (MA, PhD committee)	2022
Sandry Garcia (MA committee)	2022
Emily Schwartz (MA committee)	2022
Danielle Lafferty (MA, PhD committee)	2022
Madelyn Ray (PhD committee)	2021
Rachel Walker (PhD committee)	2020
Nicholas Worley (PhD committee)	2019
Allison Foilb (PhD committee)	2019
Ryan Daley (MA committee)	2019
Dylan Spets (MA committee)	2019

Outside

Angelique Delarazan (Wash U; PhD committee)	present
Büşra Tanriverdi (Temple; PhD committee)	2024
Paula Brooks (Princeton; PhD committee)	2023

Research mentoring at UC Davis

		Current position or Position(s) following graduation
Halle Dimsdale-Zucker (PhD)	2013—2016	Postdoc at Columbia; Asst Prof at UC Riverside
Andrew McCullough (PhD)	2011—2016	Adjunct professor at UC Davis; Govt research
Shao-Fang Wang (RA)	2013—2015	PhD student at Stanford; Data science
Manoj Doss (RA)	2011—2013	PhD student at UChicago; Research fellow at UT Austin
Garrett O'Day (UG thesis)	2015—2016	PhD student at Purdue
Aneil Dhillon (UG thesis)	2013—2014	Law student at UC Berkeley

CONFERENCE & INVITED TALKS

2025 – Invited speaker, Grabosky Lecture in Psychology and Neuroscience, University of Chicago, Chicago, IL.

Conference presentation, Society of Experimental Psychologists, St. Louis, MO.

Symposium speaker, *Advancing global and local theories of DMN function across cognitive domains*. Cognitive Neuroscience Society annual meeting, Boston, MA.

Rotman Research Institute Rounds, Rotman Research Institute, Toronto, ON.

2024 – Invited speaker, Psychology Colloquium, University of Oregon.

Conference presentation, Memory Disorders Research Society, Manchester, UK.

Invited speaker, Cognitive and Cognitive Neuroscience Proseminar, UC Riverside.

2023 – Symposium speaker, *Long-Term Memory*, Next Frontiers in Consciousness Research, National Institutes of Health.

Invited speaker, Cognitive Brown Bag, Dartmouth College.

Symposium speaker, *Episodic memory and the not-so default mode network*, LearnMem 2023, Huntington Beach, CA.

Invited speaker, Psychology, UT Austin.

Invited speaker, Cognitive Psychology Forum, UCLA.

Invited speaker, Center for Cognitive Neuroscience Colloquium, Duke University.

2022 – Invited speaker, Department of Psychology, University of Hamburg, Germany. Virtual Presentation.

Conference presentation, *Integrating region- and network-level contributions to episodic memory*, Memory Disorders Research Society Meeting, Philadelphia, PA.

Invited speaker, Research unit on Constructing scenarios of the past, Ruhr University Bochum, Germany. Virtual Presentation.

Conference presentation, *Patterns of episodic content and specificity predicting subjective memory vividness*, Context and Episodic Memory Symposium, Philadelphia, PA.

Invited speaker, Center for Vital Longevity Colloquium Series, The University of Texas at Dallas.

Invited speaker, Psychology Colloquium Series, Temple University. Virtual Presentation.

2021 – Invited speaker, Feindel Brain and Mind Lecture Series, Montreal Neurological Institute. Virtual Presentation.

Invited speaker, Washington University in St. Louis Brain, Behavior, & Cognition Brown Bag. Virtual Presentation.

Invited speaker, Hippocampal Subfields Group. Virtual Presentation.

Symposium speaker, Charles River Area Memory Meeting. Virtual Presentation.

Invited speaker, University of Toronto Cognitive and Cognitive Neuroscience Talk Series. Virtual Presentation.

2020 – Invited speaker, Johns Hopkins Cognitive Neuroscience Tea. Virtual Presentation.

Invited speaker, Brown University Social and Cognition Seminar. Virtual Presentation.

Invited speaker, University of Arizona Cognitive Science Colloquium. Virtual Presentation.

Symposium speaker, FENS Forum 2020, Glasgow, UK. Virtual Presentation.

2019 – Symposium speaker, *Cortico-hippocampal networks supporting emotional episodic memories*, Spring Hippocampal Research Conference, Taormina, Sicily.

Invited speaker, *Distortions in memory for visual information*, Boston College Art, Art History, and Film Department Currents Series, Chestnut Hill, MA.

Symposium speaker & chair, *Network interactions supporting the precision of item and context information in episodic memory*, Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.

2018 – Conference presentation, *Memories fade: Interactions of perceptual and emotional salience during memory reconstruction*, Memory Disorders Research Society Meeting, Toronto, ON.

Invited speaker, Summer Institute in Cognitive Neuroscience, Squaw Valley, CA.

2017 – Invited speaker, Boston University Center for Memory & Brain Seminar Series, Boston, MA.

Symposium speaker, *Emotional modulation of the neural systems supporting episodic memory*, Society of Biological Psychiatry Meeting, San Diego, CA.

Invited speaker, *Emotional modulation of memory encoding and consolidation processes,* Memory Reactivation Workshop, Cardiff, UK.

Conference presentation, *Separable neural systems for encoding emotion and context information in*

episodic memory, Context and Episodic Memory Symposium, Philadelphia, PA.

Invited speaker, Harvard University Cognition, Brain, & Behavior Research Seminar, Cambridge, MA.

Invited speaker, VA Boston Neuroimaging and Neuropsychology Lecture Series, Boston, MA.

Invited speaker, McLean Hospital Center for Depression, Anxiety and Stress Research Speaker Series, Belmont, MA.

Invited speaker, Brandeis University Joint Biology/Neuroscience Colloquium, Waltham, MA.

2016 – Invited speaker, *Emotion, stress and the medial temporal lobes*, The Hippocampus: From Circuits to Cognition (Cajal Course), Bordeaux, France.

Conference presentation, *Questioning the role of the hippocampus in emotional memory*, Memory Disorders Research Society Meeting, Princeton, NJ.

Symposium speaker, *Cortico-hippocampal systems involved in memory and emotion*, International Conference on Memory, Budapest, Hungary.

Symposium speaker, *Stress as a mnemonic filter: Interactions between MTL learning processes and post-encoding stress*, International Conference on Memory, Budapest, Hungary.

2015 – Travel award conference presentation, *Post-encoding stress and its interactions with MTL learning processes*, Memory Disorders Research Society Meeting, Cambridge, UK.

2014 – Guest speaker, *Why we remember some things and not others: Cortico-hippocampal systems involved in memory and emotion,* Duke University Center for Cognitive Neuroscience, Durham, NC.

Conference presentation, *Medial temporal lobe responses during encoding predict the influence of post-encoding stress on memory*, Bay Area Memory Meeting, Palo Alto, CA.

Invited speaker, *Identifying memory systems in the brain: Functional connectivity and pattern similarity approaches*, UC Davis Imaging Research Center, Translational Cognitive and Affective Neuroscience Lab, Sacramento, CA.

2013 – Conference presentation, *Medial temporal lobe subregions interact with functionally distinct systems,* Context and Episodic Memory Symposium, Philadelphia, PA.

2012 – Conference presentation, *Cortical systems representing context in episodic memory*, Bay Area Memory Meeting, Davis, CA.

RECENT LAB POSTERS

Brooks, P.P.*, Hennings, A.C.*, Guzman, B., Norman, K.A.^, & Ritchey, M.^ (May 2024). Eye movements reveal the dynamics of memory reactivation supporting successful memory suppression. Poster to be presented at the Context and Episodic Memory Symposium, Philadelphia, PA.

Curko, N., Samide, R., & Ritchey, M. (April 2024). Distinct brain pathways for recalling the conceptual and perceptual details of naturalistic emotional memories. Poster presented at the Cognitive Neuroscience Society Annual Meeting, Toronto, Canada. **Selected for Data Blitz**

Hu, T., Yi, H.Y., Brooks, P.P., & Ritchey, M. (April 2024). Reinstated patterns of visual attention promote flexible scene recognition. Poster presented at the Cognitive Neuroscience Society Annual Meeting, Toronto, Canada.

Kurkela, K. & Ritchey, M. (May 2023). Limited evidence for an association between intrinsic functional brain connectivity and episodic memory ability. Poster presented at the Context and Episodic Memory Symposium, Orlando, FL.

Kurkela, K. & Ritchey, M. (April 2023). Limited evidence for an association between intrinsic functional brain connectivity and episodic memory ability. Poster presented at the International Conference on Learning & Memory, Huntington Beach, CA.

Brooks, P.P., Mao, M., Noyes, M., Yi, H.Y., Hutchinson, S., Kensinger, E.A., Norman, K.A., & Ritchey, M. (November 2022). Eye-tracking evidence for reinstatement of emotionally negative and neutral

memories. Poster presented at the Psychonomics Society Annual Meeting, Boston, MA.

Samide, R., Cooper, R.A., Kensinger, E.A., & Ritchey, M. (April 2022). Retrieval-related brain processes supporting the lasting effects of emotion regulation on memory. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA. **Graduate Student Award Winner**

Kurkela, K., Cooper, R.A., Ryu, E., & Ritchey, M. (November 2021). Integrating region- and network-level contributions to episodic memory with multilevel structural equation modeling. Poster presented virtually at the Society for Neuroscience Annual Meeting.

Schmidt, H., & Ritchey, M. (August 2020). The protective effects of retrieval practice on positive memories. Poster presented virtually at the Context and Episodic Memory Symposium Annual Meeting.

Samide, R., & Ritchey, M. (August 2020). Differential effects of reappraisal- and suppression-based regulation during retrieval of episodic memories. Poster presented virtually at the Context and Episodic Memory Symposium Annual Meeting.

Kurkela, K., & Ritchey, M. (August 2020). Additive and redundant contributions of the posterior medial network to episodic memory quality. Poster presented virtually at the Context and Episodic Memory Symposium Annual Meeting.

Cooper, R.A., & Ritchey, M. (August 2020). Mapping the functional dynamics of the posterior medial episodic network. Poster presented virtually at the Context and Episodic Memory Symposium Annual Meeting.

Cooper, R.A., & Ritchey, M. (March 2020). Progression from feature-specific brain activity to hippocampal binding during episodic encoding. Poster presented virtually at the Cognitive Neuroscience Society Annual Meeting.

Samide, R., Cooper, R.A., & Ritchey, M. (March 2020). Differential effects of reappraisal- and suppression-based regulation during retrieval of episodic memories. Poster presented virtually at the Cognitive Neuroscience Society Annual Meeting.

Schmidt, H., Cooper, R.A., & Ritchey, M. (March 2020). Temporal dynamics supporting the multidimensional quality of episodic memory. Poster presented virtually at the Cognitive Neuroscience Society Annual Meeting.