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ecember 2022

ACADEMIC HIS

Assistant Professor, Department of Psychology and Neuroscience

Postdoctoral Scholar, Center fro

R03MH116872
Co-I, ***Interactions between a ective and sensory regions during the experience and recollection of emotional events*** (PI: Elizabeth Kensinger)
Total costs: $156,500

K99/R00MH103401, Pathway to Independence Award
PI, ***Emotional modulation of human memory processes and cortico-hippocampal systems***
Total costs: $914,092

F31MH085384, Ruth L. Kirschstein Predoctoral National Research Service Award
Fellow, ***Neuroimaging of emotional association formation and subsequent e ect on memory***

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
senior author is listed last, unless *otherwise noted

Kurkela, K.A., Cooper, R.A., Ryu, E., & Ritchey, M. (in press). Integrating region- and network-level contributions to episodic recollection using multilevel structural equation modeling. ***Journal of Cognitive Neuroscience***, https://doi.org/10.1101/2022.02.08.478511.

Leavitt, V.*, Dworkin, J., Buyukturkoglu, K., Riley, C. & Ritchey, M. (in press). Summary metrics of memory of network functional connectivity alterations in multiple sclerosis. ***Multiple Sclerosis Journal***.
*senior author listed first

+ Cooper, R.A., & Ritchey, M. (2022). Patterns of episodic content and specificity predicting subjective memory vividness. ***Memory & Cognition***, Online ahead of print, doi:10.3758/s13421-022-01291-5.

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 me

Ritchey, M.[1], & Cooper, R.A.[1] (2020). Deconstructing the posterior medial episodic network. ***Trends in Cognitive Sciences***, 20(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 sut el

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

Bishop Hartley High School Hall of Distinction Alumni Award, 2022
Early Career Impact Award, Federation of Associations in Behavioral & Brain Sciences, Cognitive Neuroscience Society Award Winner, 2022
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 Scholarship, University of Notre Dame, 2001–2005
Notre Dame Scholar, University of Notre Dame, 2001
National Merit Scholar, 2001

TEACHING

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

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

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

The Hippocampus, PSYC5577
Fall 2017

Instructor assistant, Biological Bases of Behavior, Duke University, 2007, 2008
Instructor assistant, Introduction to Cognitive Neuroscience, Duke University, 2007
Guest lectures: ***fMRI Data Analysis***, ***Emotion & Memory***, UC Davis, 2013—2015
Guest lectures: ***Memory***, ***Emotion and the Brain***, ***Cognitive Neuroscience***, Duke#gnit2

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***

Aogls: ***Behavioural Brain Research; Cerebral Cortex***; ***Cognition***; ***Cognition and Emotion; Cognitive, Be***

2018 Radio guest, ***Default Mode*** hosted by Ari Khoudary on WZBC, Boston College
2012 Invited speaker, ***The science of human memory***, Evernote, Mountain View

2020 – Jamie Kweon (fall); Zoe Ting (fall)
2019 – Samantha Murphy (spring); Krista Roze (spring); Cayley Bliss (fall); Krista Roze (fall);

Invited speaker, Washing

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 Medial temporal lobe the brain: Functional connectivity and pattern similarity approaches***,