

Rosalie Samide

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ACADEMIC HISTORY

2016 – present	Boston College Ph.D. Candidate, Department of Psychology, Cognitive Neuroscience
2014	Haverford College B.A. Psychology & Neuroscience
2012	University of Melbourne Semester Study Abroad

PUBLICATIONS

Favila, S. E., **Samide, R.**, Sweigart, S. C., & Kuhl, B. A. (2018). Parietal Representations of Stimulus Features Are Amplified during Memory Retrieval and Flexibly Aligned with Top-Down Goals. *The Journal of Neuroscience: The Official Journal of the Society for Neuroscience*, 38(36), 7809–7821.

Lee, H., **Samide, R.**, Richter, F. R., & Kuhl, B. A. (2018). Decomposing Parietal Memory Reactivation to Predict Consequences of Remembering. *Cerebral Cortex*, bhy200, <https://doi.org/10.1093/cercor/bhy200>

Samide, R., Watter, S., & Uddin, O. (2014). Choosing A College Major: Perspectives of the Advisor and the Advisee. In G. T. Eliason, T. Eliason, J. L. Samide and J. Patrick (Eds.), *Career Counseling Across the Lifespan: Community, School, and Higher Education*. Charlotte, NC: Information Age Publishing, Inc.

Samide, R., Watter, S., & Uddin, O. (2018). Choosing A College Major: Perspectives of the Advisor and the Advisee. In G. T. Eliason, T. Eliason, J. L. Samide and J. Patrick (Eds.), *Career Counseling Across the Lifespan: Community, School, and Higher Education* (2nd ed.). Charlotte, NC: Information Age Publishing, Inc.

PRESENTATIONS

Samide, R., Kurkela, K., & Ritchey, M. Effects of contextual reinstatement on retrieval of item-emotion associations. *Poster presented at the 2017 Society for Neuroscience Annual Meeting.*

Samide, R., Lee, H., Richter, F., & Kuhl, B. A. Effects of retrieval practice on the modification of long-term memories. *Poster presented at the 2016 Cognitive Neuroscience Society Annual Meeting.*

Lee, H., **Samide, R.**, Richter, F. R., & Kuhl, B. A. Parietal memory reactivation and retrieval-induced modification of long term memories. *Poster presented at the 2016 Society for Neuroscience Annual Meeting.*

Favila, S. E., **Samide, R.**, & Kuhl, B. A. Distributed cortical representations of visual features and items in perception and memory. *Poster presented at the 2016 Cognitive Neuroscience Society Annual Meeting.*

Favila, S. E., **Samide, R.**, & Kuhl, B. A. Distributed cortical representations of visual features in perception and memory. *Poster presented at the 2015 Society for Neuroscience Annual Meeting.*

Samide, R. & Petsagourakis, D. The effects of emotion regulation strategies on risk-taking behavior: Investigating the cognitive depletion and emotion routes. *Poster presented at the Haverford College Department of Psychology Undergraduate Thesis Symposium.*

Martz, B., Jacobs, E., & **Samide, R.** More (or less) than face value: Impact of context on losing support. *Poster presented at the 2014 Eastern Psychological Association Conference*

TALKS

Samide, R. Contextual modulation of emotional memory representations. *Masters thesis defense (2018).*
Committee members: Maureen Ritchey, Elizabeth Kensinger, Gorica Petrovich.

Samide, R. Medial temporal lobe contributions to the contextual modulation of emotional memories. *Talk given at 2018 Boston College Graduate Research Day.*

Samide, R., Cooper, R., Ritchey, M. MTL support for the retrieval of emotional and contextual associations and Regulating memories. *Talk given for Boston College Neuroscience Data Club, 2018.*

RESEARCH SKILLS

Programming & Software

Matlab (fluent)

CoSMoMVPA (<http://www.cosmomvpa.org/>)

R (fluent)

SPM12 (www.fil.ion.ucl.ac.uk/spm/software/spm12/)

Python (novice)

fmriprep (<https://github.com/poldracklab/fmriprep>)

Psychtoolbox (<http://psychtoolbox.org/>)

mrmriqc (<https://github.com/poldracklab/mriqc>)

PsychoPy (<http://www.psychopy.org/>)

Data Collection Methods

Functional magnetic resonance imaging (fMRI)

Electroencephalography (EEG)

Physiological (skin conductance, heart rate, respiration, pupillometry)

Behavioral

RESEARCH EXPERIENCE

Boston College, Memory Modulation Lab, Ph.D. Candidate

Director: Dr. Maureen Ritchey, Ph.D.

Research Overview

My research uses neuroimaging and behavioral methods to study how memories are modulated by context and emotion, and to differentiate the functions of memory systems in the brain.

Ongoing Projects:

Neural and behavioral correlates of contextual and emotional associations in episodic memory
Differential neural and behavioral effects of emotion regulation during memory retrieval

New York University & University of Oregon, Memory and Attention Lab, Lab Manager

Director: Dr. Brice Kuhl, Ph.D.

Skill and Responsibilities

Collect fMRI, EEG, and behavioral data
Design, program, and run experiments using Matlab and Python
Analyze data using Python and R
Oversee administrative duties for lab

Projects

Effects of repeated memory retrieval and reminders on later recall
Decoding navigational routes and reconstructing face perception from parietal activity patterns
Examining effect of goal-driven processes on stimulus feature representations in parietal cortex

TEACHING EXPERIENCE

Guest Lectures

The Emotional Brain, Cognitive Neuroscience, Boston College, 2017
Memory II, Cognitive Psychology, Boston College, 2017
The Emotional Brain, Cognitive Neuroscience, Boston College, 2018

Instructor Assistantships

Cognitive Neuroscience, Boston College, 2017
Cognitive Psychology, Boston College, 2017
Cognitive Neuroscience, Boston College, 2018
Sensation and Perception, Boston College, 2018

Formal Training

Center for Teaching Excellence Apprenticeship in College Teaching, Boston College, *ongoing*

RELEVANT COURSEWORK

Boston College

Experimental Methods and Statistics
The Neurobiology of Mental Illness
Advanced Brain Systems: Motivation and Emotion
The Hippocampus
The Molecular Basis of Learning and Memory

Martinos Center for Biomedical Imaging, Massachusetts Institute of Technology & Massachusetts General Hospital

Functional MRI Visiting Fellowship

New York University

fMRI Pattern Analysis (audited)

University of Melbourne

Psychology of Sleep and Emotions (included practical)

Cognitive Psychology (included practical)

Development of the Thinking Child (included practical)

Haverford College

Foundations of Psychology

Abnormal Psychology

Experimental Methods and Statistics

Biological Psychology

Biological Exploration

Introduction to Personality Psychology

Neuroethology

The Psychology of Time (included lab)

Social Psychology (included lab)

Neurobiology of Disease

Theory and Research in Dyadic Processes

Cognitive Neuroscience

Psychology of Human Sexuality

Senior Research Thesis in Cognitive Neuroscience

MENTORSHIP EXPERIENCE

Boston College Undergraduate Mentorship Program

Mentor, Alysia Lo, Cassidy McCarthy 2016-2017

Mentor, Emily Janin, 2017-2018

Mentor Supervisor, present

Thesis Students

Kelly Vogel, 2017-2018

Emily Iannazzi, 2018-2019

Undergraduate Research Assistants

Emily Almonte

Cayley Bliss

Lunbei Hu

Emily Iannazzi

Emily Janin

Omar John

Maria Khoudary

Elizabeth Judge

Samantha Murphy

Mary Nanna

Julia Napoli

Jenna Phelan

Paula Ruiz

Rebecca Suthard

Kelly Vogel

AWARDS & HONORS

Academic

Boston College Presidential Fellowship (awarded annually), 2016-present

NCAA Centennial Conference Academic Honor Roll, 2013-2014

Leadership

Co-Captain of Haverford College Women's Varsity Lacrosse Team, 2013-2014

NCAA Centennial Conference All-Sportsmanship Team, 2014

Haverford College Customs Person (Elected Resident Advisor), 2011-2012

RELEVANT ACTIVITIES

Technological & Methodological Training Committee, 2017-present

Boston College Graduate Student Council, 2016- present

University of Oregon R Club, 2015

Haverford College Varsity Women's Lacrosse Team, 2010-2014

OTHER VOLUNTEER AND OUTREACH

NYC Brain Awareness Week, 2015

Villanova Special Olympics, 2010-2014