

Maria Khoudary

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Education

University of California, Irvine

Ph.D., Cognitive Sciences

Anticipated 2026

M.S., Cognitive Neuroscience

Anticipated 2023

Advisors: Dr. Megan Peters and Dr. Aaron Bornstein

Boston College

B.S., Psychology (honors) and Philosophy, *magna cum laude*

May 2019

Scholar of the College Thesis: *Securing the Reliability of Episodic Memory*

Advisors: Dr. Maureen Ritchey (psychology) and Dr. Richard Atkins (philosophy)

Experience

Teaching Assistant, [Perception and Sensory Processes](#), University of California, Irvine

Fall 2021

Lab Manager and Research Assistant, [De Brigard Lab](#), Duke University

Summer 2019-Summer 2021

Program Coordinator, [Summer Seminars in Neuroscience and Philosophy](#)

Summer 2019-Summer 2021

Interactive Student, [Neuromatch Academy](#)

July 2020

Undergraduate Research Fellow, [Ritchey Lab](#), Boston College

Fall 2017-Spring 2019

NSF-REU Fellow, [Carrasco Lab](#), New York University

Summer 2018

Undergraduate Research Assistant, [Cordes Lab](#), Boston College

Spring 2017-Fall 2017

Undergraduate Research Assistant, [Dr. Gene Heyman](#), Boston College

Fall 2016

Publications

De Brigard, F., **Khoudary, M.**, & Murray, S. (2022). Times Imagined and Remembered. In Hoerl, C., McCormack, T., & Fernandes, A. (Eds.). *Temporal Asymmetries in Philosophy and Psychology*. Oxford University Press.

Mele, A., Nadelhoffer, T., **Khoudary, M.** (2021). Folk psychology and proximal intentions, *Philosophical Psychology*, 34:6, 761-783, DOI: [10.1080/09515089.2021.1915471](https://doi.org/10.1080/09515089.2021.1915471)

Khoudary, M., O'Neill, K.G., Faul, L., Murray, S., Smallman, R., De Brigard, F. (Resubmitted). Neural differences in dispositional versus situational counterfactual thoughts.

Khoudary, M., Hanna, E., O'Neill, K.G., Iyengar, V., Clifford, S., De Brigard, F., Cabeza, R., Sinnott-Armstrong, W. (under review). A Functional Neuroimaging Investigation of Moral Foundations Theory.

Talks and Presentations (* denotes equal contribution)

Khoudary, M., O'Neill, K.G., Faul, L., Murray, S., Smallman, R., De Brigard, F. (December 2021, April 2022). Neural differences between internal and external episodic counterfactual thoughts. *Flash talk presented virtually at Neuromatch Conference 4.0. Poster to be presented at the Cognitive Neuroscience Society Annual Meeting.*

Chen, J.*, Elowsky, C.*, **Khoudary, M.***, Revsine, C.* (July 2020) Predicting fMRI Responses: a Machine Learning Approach. *Neuromatch Academy project presented in fulfillment of the Interactive Track.*

Khoudary, M., Hanna, E., O'Neill, K.G., Iyengar, V., Clifford, S., De Brigard, F., Cabeza, R., Sinnott-Armstrong, W. (May 2020). A Functional Neuroimaging Investigation of Moral Foundations Theory. *Poster presented virtually at the Cognitive Neuroscience Society Annual Meeting. Poster presented virtually at the 2021 meeting of the Society for Philosophy and Psychology.*

Khoudary, M., Cooper, R., Ritchey, M. (May 2019). Effects of divided attention on item and source memory. *Poster presented at the Boston College Psychology Undergraduate Research Conference.*

Khoudary, M. (April 2019). How attention alters perception. *Talk given at Nu Rho Psi outreach event, "What's New in the Brain?"*

Khoudary, M., Jigo, M., Carrasco, M. (July 2018). Characterizing the effects of covert exogenous attention on contrast sensitivity across the visual field. *Poster presented at the NYU Summer Student Research Conference; talk given at the Center for Neural Science Summer Undergraduate Research Program Symposium.*

Awards and Honors

Diversity Recruitment Fellowship, University of California, Irvine	Spring 2021
Phi Beta Kappa, Boston College	Spring 2019
Scholar of the College, Boston College	Spring 2019
Order of the Cross and Crown, Boston College	Spring 2019
Research Experience for Undergraduates Fellow, National Science Foundation	Summer 2018
Dean's List, First Honors	Spring 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019
Nu Rho Psi, National Honor Society in Neuroscience	Fall 2018
Psi Chi, National Honor Society in Psychology	Fall 2017
Honors Program, Boston College Psychology Department	Fall 2017
Honors Program, Boston College Morrissey College of Arts and Sciences	Spring 2015

Skills

Programming and Software

Intermediate proficiency: R; Python; MATLAB; Git; PLS Toolbox for MATLAB; PsychoPy; Google Colab

Novice proficiency: TensorFlow; EEGLAB, MGL, and Psych toolboxes for MATLAB; SPSS

Data Collection (human subjects)

fMRI (8 coil 3T GE MR750)

EEG (BioSemi 64 channel gel)

Behavioral (Qualtrics, Amazon Mechanical Turk, Prolific)

Eye Tracking (EyeLink 1000)

Languages

Arabic (Native Levantine; novice Modern Standard)

Selected Leadership & Outreach

Founder, Philosophy and Neuroscience Journal Club, Duke University

Spring 2020-Spring 2021

Mentor, Psychology Department Mentorship Program, Boston College

Fall 2018-Spring 2019

President and Co-Founder, Nu Rho Psi, Boston College

Spring 2018-Spring 2019

Tutor, Connor's Family Learning Center, Boston College

Fall 2017-Spring 2019

President, Students for Education Reform, Boston College

Fall 2016-Spring 2018

References

Megan Peters, Ph.D.

Assistant Professor

Cognitive Sciences

University of California, Irvine

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Aaron Bornstein, Ph.D.

Assistant Professor

Cognitive Sciences

University of California, Irvine

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Felipe De Brigard, Ph.D.

Associate Professor

Philosophy

Psychology & Neuroscience

Center for Cognitive Neuroscience

Duke University

felipe.debrigard@duke.edu

Maureen Ritchey, Ph.D.

Assistant Professor

Psychology & Neuroscience

Boston College

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