

Luis D. Ramirez

Boston University Graduate Program for Neuroscience
Department of Psychological & Brain Sciences
Center for Systems Neuroscience
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EDUCATION

Boston University PhD in Neuroscience	2024
New York University Tandon School of Engineering BSc in Science and Technology Studies	2017

AWARDS & HONORS

F99/K00 NIH Blueprint and BRAIN Initiative D-SPAN Award	2021
Hispanic Scholarship Fund (HSF) Scholar	2021
BU Diversity & Inclusion: Inclusion Catalyst Grant	2020
HHMI Gilliam Fellowship for Advanced Study Nominee	2020
NYU Tandon Achievement in Science and Technology Studies	2017
R25 NIH Blueprint ENDURE Fellowship	2017

PUBLICATIONS

Ramirez, L. D., Foster, J. J., Ling, S. (2021). Temporal attention selectively enhances target features. *Journal of Vision*. <https://doi.org/10.1167/jov.21.6.6>

COURSES

Cold Spring Harbor Laboratory Computational Neuroscience: Vision	2022
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INVITED TALKS

Boston University CAS NE 329 Experimental Psychology: Cognitive Neuroscience	2023
Boston University CAS NE 329 Experimental Psychology: Cognitive Neuroscience	2022

PRESENTATIONS

“Feature-based attention modulates spatial frequency processing in early human visual cortex” Ramirez, L. D., Wang, F., Ling, S. Poster . Vision Sciences Society Conference.	St. Pete Beach, FL 2023
“How does feature-based attention modulate spatial frequency processing in early human visual cortex?” Ramirez, L. D., Wang, F., Ling, S. Poster . Society for Neuroscience Conference.	San Diego, CA 2022

“What mechanisms underlie top-down modulation of human visual cortex?” Ramirez, L. D. Talk. Writing Your Own Blueprint: The NIH Blueprint Diversity Conference.	Virtual 2021
“Temporal attention selectively enhances gain only for target features.” Ramirez, L. D., Foster, J. J., Ling, S. Talk. Vision Sciences Society Conference.	Virtual 2020
“Spatial location does not elicit normalization in visual memory.” Ramirez, L. D., Schwartz, J., Bloem, I. M., Ling, S., Kibbe, M. M. Poster. Vision Sciences Society Conference.	St. Pete Beach, FL 2019
“Exogenous temporal attention improves perception via signal enhancement.” Ramirez, L. D. Talk. Boston University Brain, Behavior, & Cognition Student Seminar.	Boston, MA 2019
“Temporal attention enhances visual perception through both signal enhancement and noise exclusion.” Ramirez, L. D., Ling, S. Poster. Vision Sciences Society Conference.	St. Pete Beach, FL 2018
"Development and evaluation of a new test of face perception and face memory ability." Ramirez, L. D., Park, Y., Tong, F. Poster. Society for Neuroscience Diversity Fellows.	San Diego, CA 2016
"Evaluation of a new test of face perception and face memory ability." Ramirez, L. D., Park, Y., Tong, F. Poster. Vanderbilt Summer Science Academy.	Nashville, TN 2016
“Emergence in the Fractional Quantum Hall Effect.” Ramirez, L. D., Bain, J. Poster. NYU Tandon Summer Undergraduate Research Program.	Brooklyn, NY 2015

RESEARCH EXPERIENCE

<i>Graduate Researcher</i> with Dr. Sam Ling Visual Neuroscience Lab at Boston University	2017-
<i>Undergraduate Researcher</i> with Dr. Marisa Carrasco Carrasco Lab at New York University	2016-17
<i>Undergraduate Researcher</i> with Dr. Frank Tong Tong Lab at Vanderbilt University	2016
<i>Undergraduate Researcher</i> with Dr. Salvador Dura-Bernal Neurosimulation Lab at SUNY Downstate Medical Center	2016
<i>Undergraduate Researcher</i> with Dr. Jonathan Bain New York University Tandon School of Engineering	2015

TEACHING EXPERIENCE

Teaching Fellow, Experimental Psychology: Perception Department of Psychological & Brain Sciences, Boston University	2021
Teaching Fellow, Introduction to Cognitive Psychology Department of Psychological & Brain Sciences, Boston University	2020
Teaching Fellow, Introduction to Psychology Department of Psychological & Brain Sciences, Boston University	2020

PROFESSIONAL SOCIETY MEMBERSHIPS

Neuroscience Scholars Program (NSP) Associate	2021-22
Vision Sciences Society	2018-
Society for Neuroscience	2016-

UNIVERSITY SERVICE & COMMUNITY ENGAGEMENT

Steering Committee Member GPN Diversity, Equity, Inclusion, & Justice Committee	2020-22
Diversity, Equity, Inclusion, & Justice Chair Neuroscience Graduate Student Organization (NGSO), Boston University	2020-22
President Underrepresented Graduate Student Organization (UGSO), Boston University	2019-22
Treasurer NGSO, Boston University	2019-20
Secretary UGSO, Boston University	2018-19
Recruitment Chair NGSO, Boston University	2018-19