

DUC M NGUYEN

EDUCATION

2022-now	PhD in Neuroscience Center for Neural Science, New York University Advisor: Dr. Paul W Glimcher
2019	BA in Psychology University of California, Berkeley Graduation with <i>Highest Honors</i> and <i>High Distinction</i> Thesis title: Role of Compassion in Decision-making Advisors: Dr. Dacher Keltner and Joseph Ocampo

RESEARCH AND TRAINING EXPERIENCES

Graduate student researcher , New York, NY <i>Neuroeconomics lab, NYU Langone School of Medicine, NYU</i> PI: Dr. Paul Glimcher	Aug 2022-
Postbac trainee , Bethesda, MD <i>Spatial Navigation and Memory Unit, NINDS, NIH</i> PI: Dr. Yi Gu	Aug 2020 - July 2022
Undergrad Research Assistant , Berkeley, CA <i>Berkeley Social Interaction laboratory, UC Berkeley</i> PI: Dr. Dacher Keltner	May 2018 - Dec 2019
Undergrad Research Assistant , Berkeley, CA <i>Center for Human Sleep Science, UC Berkeley</i> PI: Dr. Matthew Walker	Jan 2019 - Jul 2019

PUBLICATIONS

Published paper:

- Nguyen, D., Wang, G., Wafa, T., Fitzgerald, T., & Gu, Y. (2024). The medial entorhinal cortex encodes multisensory spatial information. *Cell Reports*, 43(10), 114813. <https://doi.org/10.1016/j.celrep.2024.114813>
 - Shen, B., Nguyen, D., Wilson, J. et al. Early versus late noise differentially enhances or degrades context-dependent choice. *Nat Commun* 16, 3828 (2025). <https://doi.org/10.1038/s41467-025-59140-3>
 - D. Nguyen, E.L. Rich, J.D. Wallis, K. Louie, & P.W. Glimcher, Neural representation of the decisional reference point in monkeys, *Proc. Natl. Acad.*

Sci. U.S.A. 122 (48) e2514110122, <https://doi.org/10.1073/pnas.2514110122> (2025).

Pre-print and submitted paper:

PRESENTATIONS

[P] poster [T] talk

- 2025 [T] **Nguyen D.**, Rich ER, Wallis JD, Louie K, Glimcher PW: Neuronal representation of the decisional reference point in monkeys. Presented at the NYU Group meeting.
- 2024 [T] **Nguyen D.**, Rich ER, Wallis JD, Louie K, Glimcher PW: Neuronal representation of the decisional reference point in monkeys. Presented at the Society for Neuroeconomics.
- [P] **Nguyen D.**, Rich ER, Wallis JD, Louie K, Glimcher PW: Neuronal representation of the decisional reference point in monkeys. Presented at the Society of Neuroscience.
- 2023 [P] **Nguyen D.**, Wang G. & Gu Y.: “Different maps for auditory and visual spatial information in the microcircuit of the medial entorhinal cortex”. Presented at the Society of Neuroscience.
- 2021 [P] **Nguyen D.** & Gu Y.: “*Spatial Navigation using Auditory Cues in head-fixed mice*”. Presented at NIH postbac poster day, NIH.
- 2019 [T] **Nguyen D.**, Ocampo J., & Keltner D.: Role of Compassion in Decision Making. Presented at the 2019 SURF conference, Berkeley, CA
- [P] **Nguyen D.**, Ocampo J., & Keltner D.: Role of Compassion in Decision Making. Presented at the 2019 Annual Psychology Department Poster Session, Berkeley, CA.

FELLOWSHIPS

- 2025-26 T90DA059110 Training grant
- 2024-25 5T32MH019524-32 Training grant
- 2019 Summer Undergraduate Research Fellowship (Berkeley SURF)

SKILLS

Data analysis	MATLAB R Python
Experimental tools	Psychtoolbox PsychoPy VirMEn Qualtrics Amazon MTurk
Neurorecording	2-photon calcium imaging EEG
Animal work	Experience with behavioral training in rodents and non-human primates within laboratory settings; neural recording in rodents within laboratory settings