

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 *Highest Honors* and *High Distinction*
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 Aug 2022-
Neuroeconomics lab, NYU Langone School of Medicine, NYU
PI: Dr. Paul Glimcher
- Postbac trainee**, Bethesda, MD Aug 2020 - July 2022
Spatial Navigation and Memory Unit, NINDS, NIH
PI: Dr. Yi Gu
- Undergrad Research Assistant**, Berkeley, CA May 2018 - Dec 2019
Berkeley Social Interaction laboratory, UC Berkeley
PI: Dr. Dacher Keltner
- Undergrad Research Assistant**, Berkeley, CA Jan 2019 - Jul 2019
Center for Human Sleep Science, UC Berkeley
PI: Dr. Matthew Walker

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

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| 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.: “ <i>Spatial Navigation using Auditory Cues in head-fixed mice</i> ”. 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

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| 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