KIM V. NGUYEN

Ph.D. candidate

Department of Psychology and Neuroscience, Temple University

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EDUCATION

Temple University, Philadelphia, PA — Expected May 2024

Ph.D. in Psychology and Neuroscience, Quantitative Methods concentration

The University of Texas at Austin, Austin, TX — May 2018

Bachelor of Science in Biology, Concentration in Neurobiology, Certification in Business Foundations with Distinction

RESEARCH EXPERIENCE

Research in Spatial Cognition & Cognitive Neuroscience Labs, — August 2019 - Present

Drs. Nora Newcombe & Ingrid Olson, Temple University

Preston Lab, Dr. Alison Preston, UT Austin — June 2016 - July 2019

Research Assistant/Developmental Lab Coordinator (2018-2019)

PUBLICATIONS *Authors made equal contribution

Nguyen, K. V.*, Roome, H. E.*, Coughlin, C., Sherrill K. R., & Preston, A. R. (submitted). Spatial preposition use predicts children's spatial map formation. PsyArXiv.

Nguyen, K. V., Newcombe, N. S. (revise & resubmit) Developmental Sequences Constrain Models of the Mind. Chapter invited for the *Oxford University Press.*

Roome, H. E.*, Sherrill, K. R.*, **Nguyen, K. V.,** Karagoz, A. B., Coughlin, C. A., Preston, A. R. (submitted). Hippocampal development supports refinement of our spatial memories.

Nguyen, K. V., Tansan, M., & Newcombe, N. S. (2022). Studying the development of navigation using virtual environments. *Journal of Cognition and Development* 24(1), 1-16.

Tansan, M., **Nguyen, K. V.** & Newcombe, N. S. (2022). Spatial Navigation in Childhood and Aging. *Annual Review of Developmental Psychology* 4, 253-272*.*

Pudhiyidath, A.*, Roome, H. E.*, Coughlin, C., **Nguyen, K. V.**, & Preston, A. R. (2019). Developmental differences in temporal schema acquisition impact reasoning decisions. *Cognitive Neuropsychology* 37 (1-2), 25-45*.*

Coughlin, C. A.*, Pudhiyidath, A.*, Roome, H. E., Varga, N. L., **Nguyen, K. V.,** & Preston, A. R. (2023). Asynchronous development of memory integration and differentiation influence temporal memory organization. *Developmental Science* e13437*.*

CONFERENCE TALKS/POSTER PRESENTATIONS

Nguyen, K. V., Erardi, J. J., Campos, G. A. O., Newcombe, N. S., Olson, I. R. (2023) Hippocampal subfields contributions to the co-development of episodic and spatial memory. Society for Neuroscience Annual meeting, Washington D. C., USA.

Nguyen, K. V., Newcombe, N. S., Olson, I. R., (2023). The Temple Tour: Neural coding of episodic and spatial memory in development. Symposium talk at Learning and Memory conference, Huntington Beach, CA.

Nguyen, K. V., Erardi, J. J., Popal, H., Brunec, I. K., Olson, I. R., Newcombe, N. S. (2022). The Temple Tour: Neural coding of episodic and spatial memory in children and young adults. Nanosymposium talk at Society for Neuroscience Annual meeting, San Diego, CA.

Nguyen, K. V., Brunec, I. K., Johnson, E. G., Olson, I. R., Newcombe, N. S. (2022). The Temple Tour: Neural coding of episodic and spatial memory in children and young adults. Flux Congress, Paris, France.

Nguyen, K. V., Brunec, I. K., Johnson, E. G., Olson, I. R., Newcombe, N. S. (2022). The Temple Tour: Neural coding of episodic and spatial memory in young adults. Interdisciplinary Navigation Symposium, Virtual.

Nguyen, K. V., Erardi, J. J., Kempf, G. G., Olson, I. R., Newcombe, N. S. (2021). The Temple Tour: Relating episodic memory and spatial navigation in children and adults. Harvard Women in Psychology Trends in Psychology Summit, Virtual.

Nguyen, K. V., Olson, I. R., Newcombe, N. S. (2021). The Temple Tour: Relating episodic memory and spatial navigation in children and adults. Psychonomic Society Annual Meeting, Virtual.

Miller, A.*, **Nguyen, K. V.***, Martinez, C., Brodeur, J., Carrera, A. J., Mandalapu, D., Gooch, S., Hooper, M., Moreno-Ellis, L. A., Stolle, S. D., Wagner, L. E., Wilkins, B., Kreeger, L. J., Haimes, D. B., Golding, N. L. (2018). Short-term synaptic plasticity evoked by electrical and optical stimulation in neurons of the gerbil medial geniculate body. Presented at Society for Neuroscience Annual Meeting, San Diego, CA.

Coughlin, C., Pudhiyidath, A., Roome, H. E., Varga, N. L., **Nguyen, K. V.**, & Preston, A.R. Developmental differences in temporal memory organization. Children's representation of time in memory and future-oriented thought. Paper session in March 2019 for the Society for Research in Child Development Biennial Meeting.

FELLOWSHIPS, SCHOLARSHIPS, AND GRANTS

NIH HD099165-01A1: "Mapping the Development of Episodic Memory Diversity Supplement"
This grant provides individual funding for a diverse trainee for research and mentorship training; $139,269
September 2021 – May 2023

Travel Grant, Cognitive Development Society Conference April 2022

College of Liberal Arts Summer Research Fellowship, Temple University June 2020 – August 2020
This grant provides funding support to doctoral students for summer research; $5000

INVITED TALKS AND WORKSHOPS

Neuroimaging in Python, Temple University COG Summer Workshops	2022
Statistics in R workshop, Temple University	2022
Jupyter Notebooks tutorial, Temple University COG Summer Workshops	2020, 2021

MENTORSHIP

Mentor: John Erardi, Giovanna Arantes De Oliveira Campos, Asha Mir-Young, Giselle Kempf (Immaculata University PsyD, Psychology TU '22), Kylie Husted (Psychology TU '21), Allison Berger (Psychology TU '21), Pamela Affolter, Jayvin Patel (Neuroscience UT '20), Anna Shulpina (Neuroscience UT '20)

Cognitive Development Society Mentorship program, 2023-2024

NextGen Psychology Scholars Program

Mentee: Cognitive Development Society Mentorship program, 2021-2022, Mentor: Dr. Stephanie Miller, University of Mississippi

CERTIFICATIONS

Level 1, 2, and 3 Siemens 3T Prisma training, Temple University Brain Research & Imaging Center
CITI Biomedical Research Certified and Human Subject Research Certified, Temple University

ACADEMIC AND COMMUNITY SERVICE

Student Board Member, Cognitive Development Society — April 2022 – April 2024

Minds Matter, Philadelphia, PA — July 2020 – May 2023
VP of Session Operations and Mentor; provide guidance to URM high school students' enrollment in university summer programs and matriculation after high school graduation.

Psychology Graduate Students for Inclusivity, Temple University — June 2021 – August 2022
Cognition and Neuroscience Area Leader; organize events and meetings to discuss graduate student inclusivity and URM concerns.

SKILLS

- Coding Languages: Python, R, Matlab, SPSS, Bash/Unix
- MRI data collection and preprocessing (Python, FSL), GridCAT
- Microsoft Word and Excel, Adobe Photoshop and Illustrator

PROFESSIONAL MEMBERSHIPS

- Society for Neuroscience, student member — 2018, 2022, 2023
- Cognitive Development Society, student member — 2021-present
- Flux Society, student member — 2022
- Psychonomic Society, student member — 2021
- Society for Research in Child Development, student member — 2021
- Association for Psychological Science, student member — 2020