



## Nicole Kathleen Corso

Research Development Manager, Med/Hospital Medicine

### Bio

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#### BIO

Nicole (she/her) received her BA in Psychology from the University of Michigan-Dearborn in 2016 and a MS in Health Psychology from the University of Michigan-Dearborn in 2018. As a masters student, she worked in the Psychiatric Affective Neuroimaging Laboratory with Israel Liberzon, MD and in the Sleep and Chronophysiology Laboratory with J. Todd Arnedt, PhD in the Department of Psychiatry at the University of Michigan. Nicole joined the Stanford Memory Lab in the Departments of Psychology and Neurology at Stanford University led by Anthony Wagner, PhD and the Mormino Lab led by Elizabeth Mormino, PhD in June 2018 to explore the memory mechanisms behind neurodegenerative disease. Nicole joined the Day Lab led by John W. Day, MD, PhD in the Department of Neurology at Stanford University in 2022 as a data and imaging research scientist to continue exploring neurological disease with the hopes of obtaining a PhD in the future. In addition to her research, she is also a grant writer for faculty affiliated with the Department of Medicine's Team Science hub.

#### HONORS AND AWARDS

- Graduate of the Last Decade Alumnus of the Year, University of Michigan (Fall 2022)

#### EDUCATION AND CERTIFICATIONS

- MS, University of Michigan , Health Psychology (2018)
- BA, University of Michigan , Psychology (2016)

#### LINKS

- GitHub: <https://github.com/NicoleCorso>
- Google Scholar: <https://scholar.google.com/citations?user=WcQPRK0AAAAJ&hl=en>
- Team Science - Department of Medicine: <https://domteamscience.stanford.edu/>

### Publications

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#### PUBLICATIONS

- **Performance of a fully-automated Lumipulse plasma phospho-tau181 assay for Alzheimer's disease.** *Alzheimer's research & therapy*  
Wilson, E. N., Young, C. B., Ramos Benitez, J., Swarovski, M. S., Feinstein, I., Vandijck, M., Le Guen, Y., Kasireddy, N. M., Shahid, M., Corso, N. K., Wang, Q., Kennedy, G., Trelle, et al  
2022; 14 (1): 172
- **Association of CSF Biomarkers with Hippocampal-dependent Memory in Preclinical Alzheimer Disease.** *Neurology*  
Trelle, A. N., Carr, V. A., Wilson, E. N., Swarovski, M. S., Hunt, M. P., Toueg, T. N., Tran, T. T., Channappa, D. n., Corso, N. K., Thieu, M. K., Jayakumar, M. n., Nadiadwala, A. n., Guo, et al  
2021

- **Visual Read Protocols for Clinicians Analyzing 18F-Pi-2620 tau PET/MRI Images**

Koran, M., Shams, S., Adams, P., Toueg, T., Azevedo, C., Hall, J., Corso, N., Sha, S., Fredericks, C., Greicius, M., Wagner, A., Zaharchuk, G., Davidzon, et al  
SOC NUCLEAR MEDICINE INC.2020

- **Hippocampal and cortical mechanisms at retrieval explain variability in episodic remembering in older adults.** *eLife*

Trelle, A. N., Carr, V. A., Guerin, S. A., Thieu, M. K., Jayakumar, M. n., Guo, W. n., Nadiadwala, A. n., Corso, N. K., Hunt, M. P., Litovsky, C. P., Tanner, N. J., Deutsch, G. K., Bernstein, et al  
2020; 9

- **Tau PET imaging with 18F-Pi-2620 in aging and neurodegenerative diseases.** *European journal of nuclear medicine and molecular imaging*

Mormino, E. C., Toueg, T. N., Azevedo, C. n., Castillo, J. B., Guo, W. n., Nadiadwala, A. n., Corso, N. K., Hall, J. N., Fan, A. n., Trelle, A. N., Harrison, M. B., Hunt, M. P., Sha, et al  
2020

## PRESENTATIONS

- What Movement Tells Us About Ourselves - Stanford University (March 3, 2023)
- What happens to health equity when local journalism disappears? - Stanford University (May 19, 2022)