



Shawn Schwartz

- Ph.D. Student in Psychology, admitted Autumn 2021
- Teaching Asst-Graduate, Psychology
- Teaching Asst-Graduate-Hourly, Psychology

Bio

BIO

Shawn is a Ph.D. candidate in Cognitive Neuroscience working with Anthony Wagner in the Department of Psychology. He leverages neuroimaging (fMRI and scalp EEG) and real-time biofeedback with pupillometry to investigate the neural mechanisms driving the relationship between moment-to-moment fluctuations in preparatory attention and episodic remembering in cognitively healthy young and older adults.

CURRENT ROLE AT STANFORD

Ph.D. Candidate, Cognitive Neuroscience, Department of Psychology

HONORS AND AWARDS

- Mind, Brain, Computation and Technology Student Training Program Travel Grant (\$1,000), Wu Tsai Neurosciences Institute (February 2024)
- Mind, Brain, Computation and Technology Student Training Program Travel Grant (\$1,500), Wu Tsai Neurosciences Institute (August 2022)
- Wu Tsai Human Performance Alliance Agility Project Grant (\$200,000), Wu Tsai Neurosciences Institute (April 2022)
- Norman H. Anderson Research Grant (\$2,000), Stanford Department of Psychology (April 2022)
- Horizon Prize for Education, Royal Society of Chemistry (November 2021)
- CIRTL Scholar Certification, CIRTL@UCLA / Center for the Integration of Research, Teaching and Learning (June 2021)
- 2nd Place Poster Award, UCLA Ecology and Evolutionary Biology 24th Annual Research Symposium (May 2021)
- Honorable Mention, National Science Foundation Graduate Research Fellowship Program (NSF GRFP) (March 2021)
- J. Frank Yates Student Conference Diversity & Inclusion Award, Psychonomic Society (November 2020)
- Early Career Research Day Best Poster Award, Institute for Digital Education and Research, UCLA (November 2019)
- Timothy Chheang Memorial Scholarship Award (\$1,000), Department of Psychology, UCLA (June 2019)
- Highest Departmental Honors, UCLA Psychology (June 2019)
- Departmental Honors, UCLA Ecology and Evolutionary Biology (June 2019)
- Chancellor's Service Award, UCLA (June 2019)
- Dean's Prize Nominee for Excellence in Undergraduate Faculty-Mentored Research, UCLA (June 2019)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Graduate Student Member, Cognitive Neuroscience Society (2023 - present)
- Graduate Student Member, Society for Neuroscience (2022 - present)
- Member, Sigma Xi Scientific Honor Society (2021 - present)
- Graduate Student Member, Psychonomic Society (2019 - 2023)

EDUCATION AND CERTIFICATIONS

- M.A., Stanford University , Psychology (2023)
- M.S., University of California, Los Angeles , Biology (2021)
- B.S., University of California, Los Angeles , Cognitive Science & Biology (2019)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Member, DIBEJ Committee (August 2022)
- Member, Statistics Committee (August 2022)
- Member, Student Advisory Committee (August 2022)
- Member, Diversity Committee (August 2022 - June 2024)
- Application Reader & Interview Liaison, Neuroscience Area Ph.D. Admissions (September 2022 - May 2023)
- First-Year Graduate Student Representative (September 2021 - June 2022)

LINKS

- Website: <https://shawnschwartz.com/>
- CV: <https://shawnschwartz.com/cv.pdf>
- Google Scholar: https://scholar.google.com/citations?user=xII63_wAAAAJ&hl=en
- Stanford Memory Lab: <http://memorylab.stanford.edu/>

Research & Scholarship

LAB AFFILIATIONS

- Anthony Wagner, Stanford Memory Laboratory (9/1/2021)

Teaching

COURSES

2024-25

- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Aut)

2023-24

- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Aut)

2022-23

- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)

Professional

WORK EXPERIENCE

- Graduate Teaching Assistant - Stanford Department of Psychology (September 2022 - present)
- Graduate Teaching Associate - UCLA Departments of Psychology & Ecology and Evolutionary Biology (6/2020 - 9/2021)
- Graduate Teaching Assistant - UCLA Department of Ecology and Evolutionary Biology (9/2019 - 6/2020)

Publications

PUBLICATIONS

- **Investigating the analytical robustness of the social and behavioural sciences.** *Nature*
Aczel, B., Szaszi, B., Clelland, H. T., Kovacs, M., Holzmeister, F., van Ravenzwaaij, D., Schulz-Kümpel, H., Hoffmann, S., Nilsson, G., Kosa, L., Torma, Z. A., Abdelfatah, Y., Aberson, et al
2026; 652 (8108): 135-142
- **Attending to Remember: Recent Advances in Methods and Theory.** *Current directions in psychological science*
Schwartz, S. T., Yang, H., Xue, A. M., Wagner, A. D.
2025
- **eyeris: A flexible, extensible, and reproducible pupillometry preprocessing framework in R.** *bioRxiv : the preprint server for biology*
Schwartz, S. T., Yang, H., Xue, A. M., He, M.
2025
- **Clinically studied or clinically proven? Memory for claims in print advertisements** *APPLIED COGNITIVE PSYCHOLOGY*
Murphy, D. H., Schwartz, S. T., Alberts, K. O., Siegel, A. L. M., Carone, B. J., Castel, A. D., Drolet, A.
2023
- **Value-directed retrieval: The effects of divided attention at encoding and retrieval on memory selectivity and retrieval dynamics.** *Journal of experimental psychology. Learning, memory, and cognition*
Murphy, D. H., Schwartz, S. T., Castel, A. D.
2023
- **Memory, metamemory, and false memory for features of the Apple logo** *APPLIED COGNITIVE PSYCHOLOGY*
Whatley, M. C., Schwartz, S. T., Block, J. B., Castel, A. D.
2023
- **Take a load off: examining partial and complete cognitive offloading of medication information.** *Cognitive research: principles and implications*
Richmond, L. L., Kearley, J., Schwartz, S. T., Hargis, M. B.
2023; 8 (1): 12
- **Value-directed memory selectivity relies on goal-directed knowledge of value structure prior to encoding in young and older adults.** *Psychology and aging*
Schwartz, S. T., Siegel, A. L., Eich, T. S., Castel, A. D.
2023; 38 (1): 30-48
- **Serial and strategic memory processes in goal-directed selective remembering.** *Cognition*
Murphy, D. H., Schwartz, S. T., Castel, A. D.
2022; 225: 105178
- **SARS-CoV-2: Cross-scale Insights from Ecology and Evolution** *TRENDS IN MICROBIOLOGY*
Snedden, C. E., Makanani, S. K., Schwartz, S. T., Gamble, A., Blakey, R., Borremans, B., Helman, S. K., Espericueta, L., Valencia, A., Endo, A., Alfaro, M. E., Lloyd-Smith, J. O.
2021; 29 (7): 593-605
- **Selective memory disrupted in intra-modal dual-task encoding conditions** *MEMORY & COGNITION*
Siegel, A. L. M., Schwartz, S. T., Castel, A. D.
2021
- **Test Anxiety and Metacognitive Performance in the Classroom** *EDUCATIONAL PSYCHOLOGY REVIEW*
Silaj, K. M., Schwartz, S. T., Siegel, A. L. M., Castel, A. D.
2021
- **Sashimi: A toolkit for facilitating high-throughput organismal image segmentation using deep learning** *METHODS IN ECOLOGY AND EVOLUTION*
Schwartz, S. T., Alfaro, M. E.

2021: 1-14

● **An own-race bias in the categorisation and recall of associative information** *MEMORY*

Murphy, D. H., Silaj, K. M., Schwartz, S. T., Rhodes, M. G., Castel, A. D.

2021: 1-16

● **Is the Future Bright or Bleak? Assessing Past and Future Outlooks Across the Adult Lifespan** *GERONTOLOGY AND GERIATRIC MEDICINE*

Silaj, K. M., Schwartz, S. T., Castel, A. D., McDonough, I. M.

2021

● **Younger and Older Adults' Mood and Expectations Regarding Aging During COVID-19** *GERONTOLOGY AND GERIATRIC MEDICINE*

Whatley, M. C., Siegel, A. L. M., Schwartz, S. T., Silaj, K. M., Castel, A. D.

2020; 6: 2333721420960259

● **Strategic encoding and enhanced memory for positive value-location associations** *MEMORY & COGNITION*

Schwartz, S. T., Siegel, A. L. M., Castel, A. D.

2020; 48 (6): 1015-1031

● **The Evolution of Color Pattern in Butterflyfishes (Chaetodontidae)** *INTEGRATIVE AND COMPARATIVE BIOLOGY*

Alfaro, M. E., Karan, E. A., Schwartz, S. T., Shultz, A. J.

2019; 59 (3): 604-615

● **Smart access to 3D structures** *NATURE REVIEWS CHEMISTRY*

Dang, J., Lin, B., Yuan, J., Schwartz, S. T., Shah, R. M., Garg, N. K.

2018; 2 (7): 95-96