

Publications

JOURNAL ARTICLES

1. Mirjalili, S., Powell, P., Strunk, J., James, T., & Duarte, A. (2021). Evaluation of classification approaches for distinguishing brain states predictive of episodic memory performance from electroencephalography. *NeuroImage*, 247, 118851. <https://doi.org/10.1016/j.neuroimage.2021.118851>
2. James, T. A., Weiss-Cowie, S., Hopton, Z., Verhaeghen, P., Dotson, V. M., & Duarte, A. (2021). Depression and episodic memory across the adult lifespan: A meta-analytic review. *Psychological Bulletin*, 147(11), 1184–1214. <https://doi.org/10.1037/bul0000344>
3. Justus, S. A., Powell, P. S., & Duarte, A. (2021). Intact context memory performance in adults with autism spectrum disorder. *Scientific Reports*, 11(1). <https://doi.org/10.1038/s41598-021-99898-2>
4. Hokett, E., Arunmozhi, A., Campbell, J., Verhaeghen, P., & Duarte, A. (2021). A systematic review and meta-analysis of individual differences in naturalistic sleep quality and episodic memory performance in young and older adults. *Neuroscience & Biobehavioral Reviews*, 127, 675–688. <https://doi.org/10.1016/j.neubiorev.2021.05.010>
5. Mirjalili, S., Powell, P., Strunk, J., James, T., & Duarte, A. (2021). Context memory encoding and retrieval temporal dynamics are modulated by attention across the adult lifespan. *Eneuro*, 8(1), ENEURO.0387–20.2020. <https://doi.org/10.1523/eneuro.0387-20.2020>
6. Kim, H., Kim, Y.-S., Mahmood, M., Kwon, S., Zavanelli, N., Kim, H. S., Rim, Y. S., Epps, F., & Yeo, W.-H. (2020). Fully integrated, stretchable, wireless skin-conformal bioelectronics for continuous stress monitoring in daily life. *Advanced Science*, 7(15), 2000810. <https://doi.org/10.1002/advs.202000810>
7. Corbett, B., & Duarte, A. (2020). How proactive interference during new associative learning impacts general and specific memory in young and old. *Journal of Cognitive Neuroscience*, 32(9), 1607–1623. https://doi.org/10.1162/jocn_a_01582
8. Dotson, V. M., & Duarte, A. (2020). The importance of diversity in cognitive neuroscience. *Annals of the New York Academy of Sciences*, 1464(1), 181–191. <https://doi.org/10.1111/nyas.14268>
9. Corbett, B., Rajah, M. N., & Duarte, A. (2020). Preparing for the worst: Evidence that older adults proactively downregulate negative affect. *Cerebral Cortex*, 30(3), 1291–1306. <https://doi.org/10.1093/cercor/bhz166>
10. Pehlivanoglu, D., Duarte, A., & Verhaeghen, P. (2020). Multiple identity tracking strategies vary by age: An ERP study. *Neuropsychologia*, 138, 107357. <https://doi.org/10.1016/j.neuropsychologia.2020.107357>

PREPRINTS

1. Justus, S., Powell, P., & Duarte, A. (2021). *Intact selective attention supports context memory in adults with autism spectrum disorder*. <https://doi.org/10.21203/rs.3.rs-257851/v1>

BOOKS

BOOK CHAPTERS

1. Duarte, A. (2020). The relationship between cognitive control and episodic memory across the adult lifespan. In *Handbook of cognitive aging: A life course perspective*.

Professional Presentations

Lifestyle, sociodemographic, and psychosocial factors contributing to episodic memory across adulthood?

TULANE UNIVERSITY, NEW ORLEANS, LOUISIANA.

2022

Individual differences in habitual sleep quality contribute to age-related episodic memory impairments and event-specific encoding-retrieval similarity.

COGNITIVE AGING CONFERENCE, ATLANTA, GA.

2022

How psychosocial, demographic, and lifestyle variables interactively influence memory across the adult lifespan

DEPARTMENT OF NEUROLOGY, UT AUSTIN

2022

How sleep and exercise affect the brain and memory

THE VILLAGE AT THE TRIANGLE, AUSTIN

2022

Lifestyle, sociodemographic, and psychosocial factors contributing to episodic memory across adulthood.

WASHINGTON UNIVERSITY

2022

Psychosocial factors that mitigate age and race/ethnicity-related disparities in sleep quality.

PSYCHONOMIC SOCIETY. NEW ORLEANS.

2021

Racial/ethnic disparities in sleep quality impact neural activity patterns supporting episodic memory performance

PSYCHONOMICS CONFERENCE, NEW ORLEANS

2021

Rescuing the baby from the bathwater: how lifestyle, sociodemographic, and psychosocial factors relate to episodic memory across adulthood

UNIVERSITY OF CALIFORNIA, IRVINE.

2021

How culture shapes memory

MEMORY DISORDERS RESEARCH SOCIETY MEETING

2021

Diversity in cognitive neuroscience research: Why it matters and what the lack of it means for the field.

CONNECTICUT COLLEGE.

2021

Individual difference contributions to episodic memory across the adult lifespan.

UNIVERSITY OF CALIFORNIA, RIVERSIDE.

2021

Individual difference contributions to episodic memory across the adult lifespan.

ROTMAN RESEARCH INSTITUTE. TORONTO, CANADA.

2020

Using pattern analysis to track interference in episodic memory across the adult lifespan.

COGNITIVE AGING CONFERENCE. ATLANTA, GEORGIA.

2020

Understanding individual differences in episodic memory changes across the adult lifespan.

UT AUSTIN.

2020

Conference Abstracts

How Depressive Symptomology Affects Emotional Regulation Across the Lifespan

COGNITIVE NEUROSCIENCE SOCIETY

2020

Neural reactivation of mnemonic interference during associative memory

COGNITIVE NEUROSCIENCE SOCIETY

2020

The reversion of information processing between episodic learning and retrieval across the adult lifespan

COGNITIVE NEUROSCIENCE SOCIETY

2020

Honors

Elected Memory of Executive Committee

MEMORY DISORDERS RESEARCH SOCIETY

N/A, US

2021

Funding

At-home, imperceptible electroencephalography monitoring with soft electronics to investigate the impact of habitual sleep quality on cognitive performance

FUNDING: \$149,843

Alzheimer's Association,
2019-AARGD-NTF-643460

2019 - 2023

Individual Differences in Habitual Sleep Quality and Episodic Memory Network Activity Across the Adult Lifespan

FUNDING: \$449,958

Directorate for Social, Behavioral &
Economic Sciences, 2152492

2021 - 2022

Developing an imperceptible electroencephalography at-home sleep monitoring system for cognitive and clinical research

FUNDING: \$424,199

National Institute on Aging,
R21AG064309

2020 - 2022

Individual Differences in Habitual Sleep Quality and Episodic Memory Network Activity Across the Adult Lifespan

FUNDING: \$449,958

Directorate for Social, Behavioral &
Economic Sciences, 1850802

2019 - 2022

RESEARCH TRAINING IN COGNITIVE AGING

FUNDING: \$7,015,596

National Institute on Aging,
T32AG000175

1988 - 2022

Service

Department of Psychology Hiring Committee

CHAIR

Austin, US

2022 - present

Faculty Liasons

Austin, US

2022 - present

Service

MEMBER

Atlanta, US

2020 - present

COLA Strategic Planning Steering Committee

Austin, US

2022 - 2022

Service

MEMBER

Atlanta, US

2019 - 2021

Service

MEMBER

Atlanta, US

2017 - 2021

Service

LIAISON

Atlanta, US

2019 - 2020

Mentoring and Teaching

MENTORING

Dissertation Committee (Zachary Bretton-Granatoor)

COMMITTEE MEMBER

2022 - present

Dissertation Committee (Soroush Mirjalili)

CHAIR

2022 - present

Dissertation Committee (Kyoungun Lee)

CHAIR

2022 - present

Dissertation Committee (Tyler Larguinho)

COMMITTEE MEMBER

2022 - present

UT Austin SAGES Mentorship Program

MENTOR

2022 - present

Dissertation Committee (Shinjae Kwon)	
Committee Member	2022 - 2022
Dissertation Committee (Taylor James)	
Chair	2020 - 2021
Dissertation Committee (Emily Hokett)	
Chair	2020 - 2021

TEACHING

Psychology 341: Psychology and Neuroscience of Sleep	
Instructor	2022 - 2022
Psychology 353K: Psychopharmacology	
Instructor	2022 - 2022
Biopsychology	
Instructor	2021 - 2021
Neuroscience of Behavior	
Instructor	2019 - 2021
Behavioral Pharmacology	
Instructor	2020 - 2020
Neuroscience of Behavior	
Instructor	2020 - 2020