

## Publications

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### JOURNAL ARTICLES

1. Hokett, E., & Duarte, A. (2024). A review of racial and ethnic differences in sleep-memory associations and the potential contributions of social determinants of sleep. *Current Sleep Medicine Reports*, 10(1), 62–69. <https://doi.org/10.1007/s40675-024-00281-0>
2. Lee, K., Sayre, B., James, T. A., & Duarte, A. (2023). Age-related reductions in arousal-enhanced memory are moderated by trait emotion regulation. *Scientific Reports*, 13(1). <https://doi.org/10.1038/s41598-023-41741-x>
3. Justus, S. A., Mirjalili, S., Powell, P. S., & Duarte, A. (2023). Neural reinstatement of context memory in adults with autism spectrum disorder. *Cerebral Cortex*, 33(13), 8546–8556. <https://doi.org/10.1093/cercor/bhad139>
4. Kwon, S., Kim, H. S., Kwon, K., Kim, H., Kim, Y. S., Lee, S. H., Kwon, Y.-T., Jeong, J.-W., Trotti, L. M., Duarte, A., & Yeo, W.-H. (2023). At-home wireless sleep monitoring patches for the clinical assessment of sleep quality and sleep apnea. *Science Advances*, 9(21). <https://doi.org/10.1126/sciadv.adg9671>
5. Campbell, J., Hokett, E., & Duarte, A. (2023). Generalized stress and sleep hygiene explain the relationship between sexual/gender identity and sleep quality. *Journal of Gay & Lesbian Mental Health*, 1–16. <https://doi.org/10.1080/19359705.2023.2204825>
6. Weiss-Cowie, S., Verhaeghen, P., & Duarte, A. (2023). An updated account of overgeneral autobiographical memory in depression. *Neuroscience & Biobehavioral Reviews*, 149, 105157. <https://doi.org/10.1016/j.neubiorev.2023.105157>
7. Clark, A. L., Thomas, K. R., Ortega, N., Haley, A. P., Duarte, A., & O'Bryant, S. (2023). Empirically derived psychosocial-behavioral phenotypes in black/african american and hispanic/latino older adults enrolled in HABS-HD: Associations with AD biomarkers and cognitive outcomes. *Alzheimer's & Dementia*, 20(2), 1360–1373. <https://doi.org/10.1002/alz.13544>
8. Haley, A. P., Clark, A. L., & Duarte, A. (2023). Lower body mass index at baseline is related to steeper cognitive decline in the alzheimer's disease neuroimaging initiative cohort. *Psychosomatic Medicine*, 85(9), 805–812. <https://doi.org/10.1097/psy.0000000000001245>
9. Hokett, E., Arunmozhi, A., Campbell, J., & Duarte, A. (2022). Factors that protect against poor sleep quality in an adult lifespan sample of non-hispanic black and non-hispanic white adults during COVID-19: A cross-sectional study. *Frontiers in Psychology*, 13. <https://doi.org/10.3389/fpsyg.2022.949364>
10. Lee, K., Sayre, B., Martin, S., James, T. A., & Duarte, A. (2022). Covid-19-stress associated with worse sleep quality, particularly with increasing age. *The Journals of Gerontology: Series B*, 78(7), 1163–1168. <https://doi.org/10.1093/geronb/gbac173>
11. James, T. A., & Duarte, A. (2023). Depressive symptoms are associated with reduced positivity preferences in episodic memory in aging. *Neurobiology of Aging*, 121, 38–51. <https://doi.org/10.1016/j.neurobiolaging.2022.10.006>
12. Lee, K., Mirjalili, S., Quadri, A., Corbett, B., & Duarte, A. (2022). Neural reinstatement of overlapping memories in young and older adults. *Journal of Cognitive Neuroscience*, 34(8), 1376–1396. [https://doi.org/10.1162/jocn\\_a\\_01871](https://doi.org/10.1162/jocn_a_01871)
13. Hokett, E., Mirjalili, S., & Duarte, A. (2022). Greater sleep variance related to decrements in memory performance and event-specific neural similarity: A racially/ethnically diverse lifespan sample. *Neurobiology of Aging*, 117, 33–43. <https://doi.org/10.1016/j.neurobiolaging.2022.04.015>
14. Clark, A. L., Haley, A. P., Duarte, A., & O'Bryant, S. (2022). Fatty acid-binding protein 3 is a marker of neurodegeneration and white matter hyperintensity burden in mexican american older adults. *Journal of Alzheimer's Disease*, 90(1), 61–68. <https://doi.org/10.3233/jad-220524>
15. Mirjalili, S., Powell, P., Strunk, J., James, T., & Duarte, A. (2022). 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>
16. 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>
17. 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>

18. Hockett, 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>
19. 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>

## PREPRINTS

1. Niu, Z., Haley, A., Clark, A., & Duarte, A. (2023). *Age exacerbates the negative effect of depression on executive functioning in racial and ethnic minorities*. <https://doi.org/10.21203/rs.3.rs-3606808/v1>
2. 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

# Professional Presentations

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### **Race, ethnicity, diversity, and SSDH in cognitive and brain aging in dementia**

McGILL UNIVERSITY, MONTREAL

2024

### **How poor sleep and subthreshold depression exacerbate cognitive aging**

CARE MEETING, UT AUSTIN

2024

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

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

2023

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

TULANE UNIVERSITY, NEW ORLEANS, LA

2023

### **Associations between sleep and memory in diverse populations**

BAYLOR UNIVERSITY, WACO, TX.

2023

### **Individual differences in episodic memory across the adult lifespan**

U.C. BERKELEY, BERKELEY, CA.

2023

### **Cognitive aging in diverse populations**

SYNAPSE STUDENT ORGANIZATION, UT AUSTIN.

2022

### **Psychosocial factors contributing to cognitive aging in diverse populations**

COLUMBIA UNIVERSITY, NYC, NY.

2022

### **The impact of Covid-19 related stress on emotional reactivity and memory across the adult lifespan**

PSYCHONOMICS CONFERENCE, BOSTON, MA.

2022

### **How lifestyle, sociodemographic, and psychosocial factors contribute to episodic memory across adulthood**

BEHAVIORAL NEUROSCIENCE COLLOQUIUM SERIES, UT AUSTIN

2022

### **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

## Conference Abstracts

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## Habitual emotion regulation contributes to emotional episodic encoding particularly with increasing age

COGNITIVE NEUROSCIENCE SOCIETY

2023

## Investigating episodic memory as a multi-dimensional cognitive process

COGNITIVE NEUROSCIENCE SOCIETY

2023

## Regional brain volumetric analysis in diverse racial groups: Age and depression interactions on executive processes

COGNITIVE NEUROSCIENCE SOCIETY

2023

## The effect of semantic congruence in memory search is modulated by similarity: An ERP analysis of feature verification

COGNITIVE NEUROSCIENCE SOCIETY

2023

## Honors

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## UT Austin Excellence in Research on Aging Award

TEXAS AGING AND LONGEVITY CONSORTIUM

Austin, US

2024

## Elected Memory of Executive Committee

MEMORY DISORDERS RESEARCH SOCIETY

N/A, US

2021

## Funding

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<b>Executive contributions to the “double jeopardy” of depressive symptoms and age on episodic memory in racially diverse adults</b>	<i>National Institutes of Health, 1R01AG084235-01A1 2024 - 2029</i>
FUNDING: \$3,892,868	
<b>How culture shapes memory</b>	<i>National Institutes of Health, 1R21AG082402 2024 - 2026</i>
FUNDING: \$444,055	
<b>At-home, imperceptible electroencephalography monitoring with soft electronics to investigate the impact of habitual sleep quality on cognitive performance</b>	<i>Alzheimer’s Association, 2019-AARGD-NTF-643460 2019 - 2023</i>
FUNDING: \$149,843	
<b>Individual Differences in Habitual Sleep Quality and Episodic Memory Network Activity Across the Adult Lifespan</b>	<i>Directorate for Social, Behavioral &amp; Economic Sciences, 2152492 2021 - 2022</i>
FUNDING: \$449,958	
<b>Developing an imperceptible electroencephalography at-home sleep monitoring system for cognitive and clinical research</b>	<i>National Institute on Aging, R21AG064309 2020 - 2022</i>
FUNDING: \$424,199	
<b>Individual Differences in Habitual Sleep Quality and Episodic Memory Network Activity Across the Adult Lifespan</b>	<i>Directorate for Social, Behavioral &amp; Economic Sciences, 1850802 2019 - 2022</i>
FUNDING: \$449,958	
<b>RESEARCH TRAINING IN COGNITIVE AGING</b>	<i>National Institute on Aging, T32AG000175 1988 - 2022</i>
FUNDING: \$7,015,596	

Service

<b>Department of Psychology BEVO Comittee</b>	<i>Austin, US 2024 - present</i>
CO-CHAIR	
<b>Imaging Neuroscience</b>	<i>Cambridge, US 2023 - present</i>
HANDLING EDITOR	
<b>Alzheimer’s Association</b>	<i>Chicago, US 2023 - present</i>
<b>Faculty Liasons</b>	<i>Austin, US 2022 - present</i>
<b>Departmental Academic Affairs Committee (DAAC)</b>	<i>Austin, US 2022 - present</i>
REGULAR MEMBER	
<b>Service</b>	<i>Atlanta, US 2020 - present</i>
MEMBER	
<b>National Institutes of Health</b>	<i>Bethesda, US 2020 - 2024</i>
STANDING MEMBER	
<b>National Science Foundation</b>	<i>Alexandria, US 2024 - 2024</i>
PANELIST	
<b>Outstanding Graduate Teaching selection committee</b>	<i>Austin, US 2024 - 2024</i>
MEMBER	
<b>Alzheimer’s Association</b>	<i>Chicago, US 2023 - 2024</i>
GRANT REVIEWER	
<b>Stony Brook University</b>	<i>Stony Brook, US NA - 2023</i>
EXTERNAL REVIEW, TENURE AND PROMOTION	
<b>Virginia Tech</b>	<i>Blacksburg, US NA - 2023</i>
EXTERNAL REVIEW, TENURE AND PROMOTION	

<b>Wayne State University</b>	<i>Detroit, US</i>
EXTERNAL REVIEW, TENURE AND PROMOTION	<i>NA - 2023</i>
<b>Department of Psychology Hiring Committee</b>	<i>Austin, US</i>
CHAIR	<i>2022 - 2023</i>
<b>COLA Strategic Planning Steering Committee</b>	<i>Austin, US</i>
	<i>2022 - 2022</i>
<b>Service</b>	<i>Atlanta, US</i>
MEMBER	<i>2019 - 2021</i>
<b>Service</b>	<i>Atlanta, US</i>
MEMBER	<i>2017 - 2021</i>

## Mentoring and Teaching

### MENTORING

<b>UT Austin Provost’s Mentored Faculty Scholars</b>	
FACULTY MENTOR	<i>2024 - present</i>
<b>Zachary Bretton (dissertation committee)</b>	
MEMBER	<i>2023 - present</i>
<b>Ahhyun Seo</b>	
GRADUATE ADVISOR	<i>2023 - present</i>
<b>UT Austin SAGES Mentorship Program</b>	
MENTOR	<i>2022 - present</i>
<b>Dissertation Committee (Tyler Larguinho)</b>	
COMMITTEE MEMBER	<i>2022 - present</i>
<b>Dissertation Committee (Soroush Mirjalili)</b>	
CHAIR	<i>2022 - present</i>
<b>Dissertation Committee (Kyoungeun Lee)</b>	
CHAIR	<i>2022 - present</i>
<b>Dissertation Committee (Zachary Bretton-Granatoor)</b>	
COMMITTEE MEMBER	<i>2022 - present</i>
<b>Dissertation Committee (Shinjaee Kwon)</b>	
COMMITTEE MEMBER	<i>2022 - 2022</i>
<b>Dissertation Committee (Taylor James)</b>	
CHAIR	<i>2020 - 2021</i>
<b>Dissertation Committee (Emily Hokett)</b>	
CHAIR	<i>2020 - 2021</i>

### TEACHING

<b>Psychology 332: Psychology and Neuroscience of Sleep</b>	
INSTRUCTOR	<i>2024 - 2024</i>
<b>Psychology 308: Biopsychology</b>	
INSTRUCTOR	<i>2023 - 2023</i>
<b>Psychology 353K: Psychopharmacology</b>	
INSTRUCTOR	<i>2022 - 2022</i>
<b>Psychology 341: Psychology and Neuroscience of Sleep</b>	
INSTRUCTOR	<i>2022 - 2022</i>

**Biopsychology**

INSTRUCTOR

2021 - 2021

**Neuroscience of Behavior**

INSTRUCTOR

2019 - 2021