

## HEEKYEONG PARK

### Contact Information:

Department of Psychology

University of North Texas at Dallas

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### ACADEMIC EXPERIENCE

- 2021-Present      Assistant Professor, University of North Texas at Dallas  
Affiliated Researcher, Laureate Institute for Brain Research, Tulsa, OK
- 2016- 2021      Research Associate, Laureate Institute for Brain Research, Tulsa, OK  
Assistant Professor, Tulsa Community College
- 2009-2016      Assistant Professor, The University of Texas at Arlington,  
Department of Psychology
- Affiliated Fellow, The University of Texas at Dallas,  
Center for Vital Longevity
- 2010-2016      Graduate Faculty, The University of Texas Southwestern Medical Center,  
Graduate School of Biomedical Sciences
- 2010-2015      Adjunct Professor, The University of Texas Southwestern Medical Center,  
Department of Psychiatry, Division of Psychology
- 2008-2009      Associate Specialist, University of California-Irvine,  
Center for Neurobiology of Learning and Memory &  
Department of Neurobiology and Behavior
- 2006-2008      Postdoctoral Scholar, University of California-Irvine,  
Center for Neurobiology of Learning and Memory &  
Department of Neurobiology and Behavior (Supervisor: Dr. Michael Rugg)
- 2002-2005      Postdoctoral Research Associate, Carnegie Mellon University,  
Department of Psychology (Supervisor: Dr. Lynne Reder)

### EDUCATION

- 1990-1995      Doctor of Philosophy, Psychology  
University of Southern California, Los Angeles, CA
- 1990-1992      Master of Arts, Psychology  
University of Southern California, Los Angeles, CA

## PROFESSIONAL AFFILIATIONS

1997-Present	Psychonomic Society (Fellow)
2006-Present	Cognitive Neuroscience Society (Member)
2021-Present	Society of Biological Psychiatry (Member)
2006-2017	Society for Neuroscience (Member)

## ACADEMIC AWARDS

2010	National Science Foundation (NSF) Junior Faculty Development
2008	National Science Foundation (NSF) Women in Science and Engineering

## FIELDS OF EXPERTISE

Cognitive neuroscience on human memory, cognition, and aging  
Translational neuroscience of depression and rumination  
Neuroimaging studies (MRI)

## TEACHING EXPERIENCE

### **Courses taught at University of North Texas at Dallas: Fall 2021 – Summer 2024**

Introduction to Psychology (online, face-to-face, hybrid)  
Health Psychology (online)  
Statistics in Psychology (hybrid, online)  
Drugs and Behavior (face-to-face)  
Advanced Seminar in Psychology: Capstone (online, face-to-face, hybrid)  
Clinical Neuroscience (online)  
Psychophysiology (online, hybrid)  
Introduction to Learning and Memory (online)

## SCHOLARSHIP

### **1. PUBLICATIONS**

Note: Student authors are underlined; The asterisk\* denotes the corresponding author

#### **1-1. Selected Peer-Reviewed Journal Articles**

**Park, H.\***, Kuplicki, R., Paulus, M.P., & Guinjoan, S.M (2024). Rumination and over-recruitment of cognitive control circuits in depression. *Biological Psychiatry: Cognitive Neuroscience & Neuroimaging*, 9, 800-808.

**Reviewed as a Target article**

***Biological Psychiatry: Cognitive Neuroscience & Neuroimaging, Commentary:***

Karim, H.T. (2024). Repetitive negative thoughts and the brain as a resource-limited machine. *Biological Psychiatry*, 9, 742-743.

**Media Coverage: *Psychology & Psychiatry Daily***

Studies from Laureate Institute for Brain Research Yield New Information about Cognitive Neuroscience and Neuroimaging (Rumination and Overrecruitment of Cognitive Control Circuits In Depression). *Psychology & Psychiatry Daily*, 1099 (2024, September).

**Park, H.\***, Forthman, K.L., Kuplicki, R., Victor, T.A., Yeh, H., Thompson, W.K., Howlett, J., Guinjoan S. & Paulus, M.P. (2023). Polygenic risk for neuroticism is associated with less efficient control in more difficult situations. *Psychiatry Research: Neuroimaging*, 335:111716.

Sanchez, SM., Tsuchiyagaito, A., Kuplicki, R., **Park, H.**, Postolski, I., Rohan M., Paulus, M.P., & Guinjoan, S.M. (2023). Repetitive negative thinking -specific and nonspecific white matter tracts engaged by historical psychosurgical targets for depression. *Biological Psychiatry*, 94, 661-671.

**Reviewed as a Target article**

***Biological Psychiatry, Commentary:*** Belforte, J.E. (2023). Moving forward precision medicine in Psychiatry. *Biological Psychiatry*, 94, 607-608.

Tsuchiyagaito, A., Sanchez, SM., Misaki, M., Kuplicki, R., **Park, H.** Paulus, M.P., & Guinjoan, S.M. (2023). Intensity of repetitive negative thinking in depression is associated with greater functional connectivity between semantic processing and emotion regulation areas. *Psychological Medicine*, 53, 5488-5499.

Howlett, J., **Park, H.**, & Paulus, M.P. (2023). Neural underpinnings of continuous and discrete inhibitory control. *Translational Psychiatry*, 13:23.

**Park, H.**, Sanchez, SM., Kuplicki, R., Tsuchiyagaito, A., Khalsa S.S., Paulus, M.P., & Guinjoan, S.M. (2022). Attenuated interoceptive processing in individuals with major depressive disorder and high repetitive negative thinking. *Journal of Psychiatric Research*, 156, 237-244.

**Media Coverage: *PsyPost***

Dolan E. (2022). Highly ruminative individuals with depression exhibit abnormalities in the neural processing of gastric interoception. *PsyPost* (Depression, Neuroimaging section)

**Park, H.**, Kirlic, N., Kuplicki, R., Tulsa 1000 investigators, Paulus, M.P., & Guinjoan, S.M. (2022). Neural processing dysfunctions during fear learning but not reward-related processing characterize depressed individuals with high levels of repetitive negative thinking. *Biological Psychiatry: Cognitive Neuroscience & Neuroimaging*, 7, 718-724.

- Park, H.\***, Forthman, K.L., Kuplicki, R., Victor, T.A., Yeh, H., Thompson, W.K., & Paulus, M.P. (2022). Functional magnetic resonance imaging data for the association between polygenic risk scores for neuroticism and reward-punishment processing. *Data in Brief*, 42:108014.
- Park, H.\***, Forthman, K.L., Kuplicki, R., Victor, T.A., Tulsa 1000 Investigators, Yeh, H., Thompson, W.K., & Paulus, M.P. (2021). Polygenic risk for neuroticism moderates response to gains and losses in amygdala and caudate: From a clinical cohort. *Journal of Affective Disorders*, 293, 124-132.
- Park, H.\*** (2020). Neuroscience, selflessness, and spiritual experience. *International Journal for the Psychology of Religion*, 30, 243-245.
- Lim, A.H., & **Park, H.\*** (2019). The effect of music on arousal, enjoyment, and cognitive performance. *Psychology of Music*, 47, 539-550.
- Puk, K.M., Gandy, K.C., Wang, S., & **Park, H.** (2016). Pattern classification and analysis of memory processing in depression using EEG signals. *Brain Informatics and Health. LNAI 9919*, 124-137.
- Kam, K.M., Schaeffer, J.D., Wang, S., & **Park, H.** (2016). A comprehensive feature and data mining study on musician memory processing using EEG signals. *Brain Informatics and Health, LNAI 9919*, 138-148.
- Park, H.\***, Abellanoza, C., & Schaeffer, J.D. (2014). Comparison of retrieval activity for associative and source memory. *Neuroscience Letters*, 581, 52-56.
- Park, H.\***, Leal, F., Abellanoza, C., & Schaeffer, J.D. (2014). The formation of source memory under distraction. *Behavioral and Brain Functions*, 10:40.
- Schaeffer, J.D., Yennu, A.S., Gandy, K.C., Tian F., Liu, H., & **Park, H.\*** (2014). An fNIRS investigation of associative recognition in the prefrontal cortex with a rapid event-related design. *Journal of Neuroscience Methods*, 235, 308-315.
- Park, H.\***, Abellanoza, C., Schaeffer, J.D., & Gandy, K.C. (2014). Source recognition by stimulus content in the MTL. *Brain Research*, 1553, 59-68.
- Park, H.\***, Leal, F., Spann, C., & Abellanoza, C. (2013). The effect of object processing in content-dependent source memory. *BMC Neuroscience*, 14:71 DOI: 10.1186/1471-2202-14-71.
- Park, H.\***, Kennedy, K.M., Rodrigue, K.M., Hebrank, A., & Park, D.C. (2013). An fMRI study of episodic encoding across the lifespan: Changes in subsequent memory effects are evident by middle-age. *Neuropsychologia*, 51, 448-456.

- Park, H.\***, Shannon, V., Biggan, J., & Spann, C. (2012). Neural activity supporting the formation of associative versus source memory. *Brain Research*, 1471, 81-92.
- Park, H.\***, & Rugg, M.D. (2011). Neural correlates of encoding within- and across-domain inter-item associations. *Journal of Cognitive Neuroscience*, 23, 2533-2543.
- Park, H.\***, & Rugg, M.D. (2010). Pre-stimulus hippocampal activity predicts later recollection. *Hippocampus*, 20, 24-28.
- Reder, L.M., **Park, H.**, & Kieffaber, P. (2009). Memory systems do not divide on consciousness: Reinterpreting memory in terms of activation and binding. *Psychological Bulletin*, 135, 23-49.
- Park, H.\***, & Rugg, M.D. (2008). Neural correlates of successful encoding of semantically and phonologically mediated inter-item associations. *NeuroImage*, 43, 165-172.
- Park, H.\***, Uncapher, M., & Rugg, M.D. (2008). Effects of study task on the neural correlates of encoding operations supporting successful source memory. *Learning & Memory*, 15, 417-425.
- Rugg, M.D., Johnson, J.D., **Park, H.**, & Uncapher, M. (2008). Encoding-retrieval overlap in human episodic memory: A functional neuroimaging perspective, *Progress in Brain Research*, 169, 339-352.
- Park, H.\***, & Rugg, M.D. (2008). The relationship between study processing and the effects of cue congruency at retrieval: fMRI support for Transfer Appropriate Processing. *Cerebral Cortex*, 18, 868-875.
- Park, H.\***, Arndt, J., & Reder, L.M. (2006). A contextual interference account of distinctiveness effects in recognition. *Memory & Cognition*, 34, 743-751.
- Diana, R., Reder, L.M., Arndt, J., & **Park, H.** (2006). Models of recognition: A review of arguments in favor of a dual-process account. *Psychonomic Bulletin & Review*, 13, 1-21.
- Park, H.\***, Reder, L.M., & Dickison, D. (2005). The effect of word frequency and similarity on recognition judgments: The role of recollection. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 31, 568-578.
- Park, H.\***, Quinlan, J., Thornton, E., & Reder, L.M. (2004). The effect of midazolam on visual search: Implications for understanding amnesia. *Proceedings of the National Academy of Sciences, USA*, 101, 17879-17883.

#### **Reviewed as the Target Article**

**Nature Reviews Neuroscience, Highlights:** Qiu, J. (2005). Memory theory: Crossing the divide, *Nature Reviews Neuroscience*, 6(2), 94-94.

***Trends in Cognitive Sciences, Research Focus:*** Chun, M.M. (2005). Drug-induced amnesia impairs implicit relational memory. *Trends in Cognitive Sciences*, 9(8), 355-357.

## 2. Selected Scientific Presentations

### 2-1. Invited Talks

Paulus, MP, Kuplicki, R, & **Park, H.** (2023, September) *Rapid assessment of motor processing task fMRI*. LIBR Research Meeting. Laureate Institute for Brain Research, Tulsa: OK.

**Park, H.** (2021, January). *The role of the propensity for neuroticism in inhibitory processing: Adolescent and young adult cohort*. T-1000 Data Meeting. Laureate Institute for Brain Research, Tulsa: OK.

**Park, H.** (2020, October). *The genetic risks in affective valence processing*. Laureate Institute for Brain Research, Tulsa: OK.

**Park, H.** (2018, May). *Implications of neuropsychology test scores for the T-1000 project*. T-1000 Data Meeting. Laureate Institute for Brain Research, Tulsa: OK.

**Park, H.** (2014, November). *Executive control of memory and attention in STEM achievement*. NSF STEM Symposium: International Mind, Brain, and Education Society. Fort Worth: TX.

**Park, H.** (2014, October). *Content-selective episodic memory and the role of MTL*. Rice University. Houston: TX.

**Park, H.** (2013, December). *UT Arlington Neuroscience and Neurotechnology*. University of Texas. Austin: TX.

**Park, H.** (2011, April). *Neural correlates of episodic memory formation*. Cognitive Science Initiative. UT Arlington.

**Park, H.** (2010, November). *Neural activity for memory formation across the lifespan*. Greater Dallas Human Brain Imaging Retreat. Dallas: TX.

### 2-2. Peer-Reviewed Presentations

**Park, H.,** Misaki, M., Kuplicki, R., & Paulus, M.P. (2024). *Posttraumatic Stress Disorder and demands for cognitive control*. Society of Biological Psychiatry Annual Meeting 2024. Austin: TX.

- Misaki, M., **Park H.**, Chun, F.C., Thompson, W., & Paulus, M.P. (2024). *Neuroticism heterogeneity in item-level associations with resting-state functional connectivity*. Organization for Human Brain Mapping (OHBM) 2024 Annual Meeting. Seoul: Korea.
- Harris, J. & **Park. H.** (2024). *Neurobiological correlates of repetitive negative thinking*. Southwest Psychological Association Convention, San Antonio: TX
- Park, H.**, Kuplicki, R., Paulus, M.P., & Guinjoan, S.M. (2023). *Repetitive negative thinking in major depressive disorder is associated with increased cortical processing in a high-demand inhibitory control context*. Society of Biological Psychiatry Annual Meeting 2023. San Diego: CA.
- Howlett, J, **Park, H.**, & Paulus, M.P. (2023). *Computational evidence for real-time inhibitory control deficits in posttraumatic stress disorder*. Society of Biological Psychiatry Annual Meeting 2023. San Diego: CA.
- Brown, C. & **Park. H.** (2023). *Stereotype threat and its implications on academic performance*. 2023 Southwestern Psychological Association Convention. Frisco: TX.
- Sanchez, SM., Tsuchiyagaito, A., Kuplicki, R., **Park, H.**, Khalsa SS., Paulus, M.P., & Guinjoan, S.M. (2022). *Cardiac autonomic changes in response to low-intensity focused ultrasound of the right ventral anterior limb of the internal capsule*. Focused Ultrasound Neuromodulation Conference Meeting (FUN2022). Mainz: Germany.
- Park, H.**, Kuplicki, R., Tsuchiyagaito, A., Sanchez, SM., T1000 Investigators, Paulus, M.P., & Guinjoan, S.M. (2022). *Repetitive negative thinking, interoceptive processing, and hippocampus*. Society of Biological Psychiatry Annual Meeting 2022. New Orleans: LA.
- Tsuchiyagaito, A., Sanchez, SM., Misaki, M., Kuplicki, R., **Park, H.**, Paulus, M.P., & Guinjoan, S.M. (2022). *Resting-state functional connectivity of repetitive negative thinking in major depression*. Society of Biological Psychiatry Annual Meeting 2022. New Orleans: LA.
- Lim, A.H., & **Park, H.** (2018). *The effect of melodic-intonation therapy in aphasia*. The 2018 American Music Therapy Association conference, Dallas: TX.
- Lee, H-J., Lim, A.H., **Park, H.** (2017). *The effect of Reciprocal Imitation Training through Music (RITM) on social communicative behaviors in children with autism spectrum disorders*. The 2017 American Music Therapy Association conference, St. Louis: MO.
- Haley, H., Xi, H., Puk, K., Gandy, K., **Park, H.**, Wang, S., Su, J., Peng, Y.B. (2016). *Time-frequency analysis of brain responses to cold pain*. Southwestern American Psychological Association, Dallas: TX.

Gandy, K., & Park, H. (2015). *The effect of the levels-of-processing in depression: An ERP study*. The 56<sup>th</sup> annual meeting of Psychonomics. Chicago: IL.

Kam, K.M., Schaeffer, J., Wang, S., & Park, H. (2015). *Classification of EEG signals of memory between musicians and non-musicians*. The 22nd annual meeting of the Cognitive Neuroscience Society. San Francisco: CA.

Abellanoza, C., Schaeffer, J., & Park, H. (2015). *Transcranial direct current stimulation improves associative memory in individuals with depression*. The 22nd annual meeting of the Cognitive Neuroscience Society. San Francisco: CA.

Jung, K., Hwang, H., & Park, H. (2014, November). *Latent variable structural equation modeling reveals the importance of MTL and parieto-occipital connections for the successful encoding of source memory*. The 44<sup>th</sup> annual meeting of the Society for Neuroscience. Washington: DC.

Schaeffer, J.D., Kim L., & Park, H. (2014, November). *An ERP study of memory differences between musicians versus non-musicians*. The 44<sup>th</sup> annual meeting of the Society for Neuroscience. Washington: DC.

*This work has been selected as a candidate for ‘Hot Topics 2014’ as a newsworthy presentation for SfN 2014 (Society for Neuroscience).*

*This work has been covered by many news media including MSN (Microsoft), Huffington Post, Science Daily, and NPR radio station (Austin branch)*

Schaeffer, J.D., Yennu, A.S., Gandy, K.C., Tian, F., Liu, H., & Park, H. (2014, October). *An fNIRS investigation of associative recognition in the prefrontal cortex with a rapid event-related design*. fNIRS 2014. Montreal: Quebec, Canada.

Schaeffer, J.D., Yennu, A.S., Gandy, K.C., Tian, F., Liu H., & Park, H. (2014, April). *Functional near-infrared spectroscopy reveals prefrontal involvement in associative recognition*. The 21st annual meeting of the Cognitive Neuroscience Society. Boston: MA.

Abellanoza, C., & Park, H. (2014, April). *Hippocampal involvement in the retrieval of associative and source memory*. The 21st annual meeting of the Cognitive Neuroscience Society. Boston: MA.

Abellanoza, C., Schaeffer, J.D., Gandy, K.C., & Park, H. (2013, November). *The effect of MTL activity in associative and source memories*. The 43<sup>rd</sup> annual meeting of the Society for Neuroscience. San Diego: CA.

Abellanoza, C., Leal, F., Garrett, K., & Park, H. (2013, April). *The demand for cognitive control in the formation of source memory: A role of the hippocampus*. The 20th annual meeting of the Cognitive Neuroscience Society. San Francisco: CA.



Pudhiyidath, A., & Park, H. (2013, May). *The encoding specificity of the font on recognition of words and numbers*. The 25<sup>th</sup> annual convention of the Association for Psychological Science. Washington: DC.

Leal, F., Spann, C., Moore, K., Ahsan, Z., Wheeler, S., & Park, H. (2012, October). *Source memory is supported by unitized encoding both in material-general and specific manners*. The 42<sup>nd</sup> annual meeting of the Society for Neuroscience. New Orleans: LA.

Najera, R., Sibi, J., Li, A., McNabb, C., Fuchs, P.N., Peng, Y.B., & Park, H. (2012, October). *Deep brain stimulation of the entorhinal cortex enhances spatial memory in rats*. The 42<sup>nd</sup> annual meeting of the Society for Neuroscience. New Orleans: LA.

*This work was recognized as **the best student presentation** at the Arlington-Fort Worth Chapter Meeting for Society for Neuroscience (SfN).*

Park, H., Leal, F., & Spann, C. (2012, October). *Neural activity supporting encoding of item-context associations*. The 19th annual meeting of Cognitive Neuroscience Society. Chicago: IL.

Pudhiyidath, A., & Park, H. (2012, May). *The effects of perceptual distinctiveness on recognition of words and numbers*. The 24<sup>th</sup> annual convention of the Association for Psychological Science. Chicago: IL.

Park, H., Leal, F., Oh, S., Moore, K., Hebrank, A.C., & Park, D.C. (2011, November). *Age-related changes in prestimulus activity supporting episodic memory formation*. The 41<sup>st</sup> annual meeting of the Society for Neuroscience. Washington DC.

Park, H., & Biggan, J.R. (2010, November). *Neural activity supporting inter-item versus item-context associative memory*. Presented at the 41<sup>st</sup> annual meeting of Psychonomic Society, St. Louis: MO.

Park, H., Kennedy, K.M., Rodrigue, K.M., Hebrank, A.C., Flicker, B., & Park, D.C., (2010, November). *Pictorial encoding activity across the lifespan*. Presented the 40<sup>th</sup> annual meeting of the Society for Neuroscience. San Diego: CA.

Park, D.C., Kennedy, K.M., Rodrigue, K.M., Hebrank, A.C., Park, H., & Devous, M.D. (2010, July). *Increased precuneus beta-amyloid burden is associated with decreased bilateral frontal activation in healthy adults*. Presented at the International Conference on Alzheimer's Disease. Honolulu: HI.

Kennedy, K.M., Rodrigue, K.M., Hebrank, A.C., Bischof, G.N., Park, H., & Park, D.C. (2010, June). *Role of hippocampal volume in age-related activation patterns in subsequent memory paradigm*. Presented at the 16th Annual Meeting of the Organization for Human Brain Mapping. Barcelona: Spain.

### 3. GRANT AWARDS

2023	Park, H (Co-PI) Head Start: Develop self-confidence and growth mindset by changing beliefs. Center for Socioeconomic Mobility through Education Grant II: Social Innovation (total \$25,000)
2015-2016	Park, H. (PI) EEG investigation of memory in Down's syndrome, Research Enhancement Program: University of Texas at Arlington (total \$100,000)
2014-2016	Park, H. (Senior Personnel) CC*IIE Networking infrastructure: Campus networking for transformative exascale research (PI: Kaushik De), National Science Foundation (total \$500,000)
2014-2015	Park, H. (Co-PI) Society for Neuroscience Chapter Award, Society for Neuroscience (total \$11,150)
2011-2013	Park, H. (Co-Investigator) Neuroimaging of Dedifferentiation and Memory across the lifespan (PI: D.C. Park), National Institute on Aging: National Institutes of Health (total \$2.5M)
2011-2012	Park, H. (Co-PI) Society for Neuroscience Chapter Award, Society for Neuroscience (total \$5,000)
2010-2011	Park, H. (PI) Brain activity predicting successful associative memory, Research Enhancement Program: University of Texas at Arlington (total \$100,000)

### SERVICE

#### 1. Service for University (2021-present)

2024	Pathfinder Mindset Bootcamp
2024	Sophomore Bridge Summer Camp
2023-Present	LAS Faculty Showcase, Chair
2023-Present	LAS Peer Observation of Teaching
2023-Present	Neuroscience Student Club, Faculty Advisor
2023-Present	College Readiness & Developmental Education Advisory Committee
2023-Present	Core Curriculum Committee
2023-Present	Psychology BS Neuroscience program correspondence
2023-Present	Psychology Program Assessment, coordinator
2023	Growth-Mindset Bootcamp - Organizer
2023	Search Committee for Lecturer of Neuroscience
2023	Search Committee for Lecturer of Psychology
2022-Present	STEM Strategic Planning Committee

2022-Present	LAS Reappointment, Promotion, & Tenure Committee
2022-Present	McNair Scholars Program Faculty Mentor
2022-2023	LAS Faculty Showcase
2022	Intercultural Day Organization
2021-Present	Trailblazer Elite Faculty Mentor
2021-Present	Psychology Adjunct Faculty Evaluation
2021-2023	Neuroscience Program Committee, Chair
2021-2023	Psychology Career Day

## **2. Service for Profession**

### **2-1. Journal Editorial Service**

2023-Present	Associate Editor, Frontiers in Cognition (Section: Memory)
2021-Present	Peer-reviewer Biological Psychiatry, BMC: Geriatrics, BMC: Neurosciences, Brain, Brain & Cognition, Brain Research, Cerebral Cortex, Comprehensive Psychiatry, Frontiers in Neurosciences, Frontiers in Psychology, Frontiers in Cognition, Human Brain Mapping, Journal of Affective Disorders, Learning & Motivation, Neuroscience Letters, PLOS, Progress in Neuropsychopharmacology, Scientific Reports, Social, Cognitive, & Affective Neuroscience  American Journal of Psychology, Brain Research, Brain Research & Cognition, Brain Topography, Canadian Journal of Experimental Psychology, Cerebral Cortex, Frontiers in Psychology, Journal of Applied Biobehavioral Research, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Learning, Memory & Cognition, Journal of General Psychology, Journal of Memory and Language, Memory & Cognition, Neurobiology of Aging, NeuroImage, Neuropsychologia, Neuroreport, Neuroscience Letters, PLOS, Psychonomic Bulletin & Review, Psychological Science, Scientific Reports, Social, Cognitive, & Affective Neuroscience, Trends in Cognitive Sciences

### **2-2. Discipline Organization Service**

2011-2016	Society for Neuroscience, Secretary of the Arlington-Fort Worth Chapter
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### **2-3. Academic Achievement Review**

2022-2024	Panel reviewer, National McNair Research, McNair Association of Professionals
2012	The French National Research Agency (ANR) External Grant Scientific Reviewer, France ( <a href="https://aap.agencerecherche.fr">https://aap.agencerecherche.fr</a> )

- 2009 Merit Review Committee for Renee Harwick Research Award & Russell Award for postdoctoral associates, University of California, Irvine: CA
- 2006 Poster Review & Award Committee of the Conference on the Neurobiology of Learning and Memory (Memory & Brain), Irvine: CA

**3. Service for Community (2021-present)**

- 2024 Expert Talk Series: Community Workshops with Neuroscience, Organizer  
Carrollton: TX (title: Successful Aging)  
(title: SuperAgers: Successful Aging)
- 2023-Present National McNair Research Association of Professionals (reviewer for undergraduate research)
- 2023 Parent-Teacher Seminar, Organizer, Plenary Speaker, Carrollton: TX  
(title: Brain and Development: Facts & Myths)
- 2022-2023 Refugee Children Advocate: Dallas, TX