

RANJINI MOHAN, Ph. D.
Assistant Professor
Texas State University
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ACADEMIC/PROFESSIONAL BACKGROUND

Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	2016	Purdue University	Speech Language Pathology & Gerontology	Neural activity reveals effects of aging on inhibitory processes during word retrieval
M.S.	2010	University of Mysore	Speech Language Pathology	The benefit of musical training on the voice of Carnatic classical singers
B.S.	2008	University of Mysore	Speech & Hearing Science	

University Experience

Position	University	Dates
Assistant Professor	Texas State University	08/2017-current
Research and Teaching Assistant	Purdue University	2012-2016

Relevant Professional Experience

Position	Entity	Dates
Clinical Fellowship	Paragon Rehabilitation, Lafayette, IN	2016-2017
Research Officer	All India Institute of Speech and Hearing, Mysore, India	2010-2011

Other Professional Credentials (licensure, certification, etc.)

- Texas State Speech Language Pathologist, Texas Department of Licensing & Regulation. (2018 - Present). License Number: 114358.
- Certificate of Clinical Competence - Speech Language Pathology, American Speech Language Hearing Association. (2017 - Present). License Number: 14060321.
- Registered MBSImp Clinician.

TEACHING

Curriculum Developed and Courses Taught (Texas State University)

CDIS 3312 – Neurology for Communication Disorders
 CDIS 4350 – Survey of Neurogenic Disorders
 CDIS 5312 - Neuroanatomy for Communication Disorders
 CDIS 5339 - Dysphagia
 CDIS 5340 - Cognitive Rehabilitation
 CDIS 5342 – Aphasia and Related Disorders
 CDIS 5362 – Introduction to Research in Communication Disorders

SCHOLARLY/CREATIVE

Research Interests

My research focus is to better understand the brain mechanisms underlying cognitive development and decline. To accomplish this, I assess behavioral measures of cognitive and language performance as well as brain markers of cognitive functioning using event-related potentials (ERPs). My specific projected lines of research include:

- Assessing how cognitive facilitators such as physical activity, education, and bilingualism contribute to functioning in aging individuals and those at risk for dementia.
- Exploring how targeted interventions improve cognition and language in individuals with neurological disorders.

Refereed Journal Articles

Mohapatra, B., & **Mohan, R.** (2020). Speech Language Pathologists' role in the multidisciplinary management and rehabilitation of patients with COVID-19. *Journal of Rehabilitation Medicine-Clinical Communications*, 3:1000037.

Mohan, R., & Mohapatra, B. (2020). Shedding Light on Dysphagia Associated with COVID-19 - the What and Why? *OTO Open*, 4(2).

Mohan, R., & Weber, C. (2018). Neural activity reveals effects of aging on inhibitory processes during word retrieval. *Aging, Neuropsychology, and Cognition*.
<https://doi.org/10.1080/13825585.2018.1519105>

- Cited by 1

Mohan, R. (2018). Masked repetition priming treatment for anomia: Inconclusive findings due to methodological limitations. *Evidence-Based Communication Assessment and Intervention*. <https://doi.org/10.1080/17489539.2018.1505663>

Walsh, B., Usler, E., Bostian, A., **Mohan, R.**, Gerwin, K. L., Brown, B., ... Smith, A. (2018). What Are Predictors for Persistence in Childhood Stuttering? *Seminars in Speech and Language*, 39(4). <https://doi.org/10.1055/s-0038-1667159>

- Cited by 10

Mohan, R., & Weber, C. (2015). Neural systems mediating processing of sound units of language distinguish recovery versus persistence in stuttering. *Journal of Neurodevelopmental Disorders*, 7, 28–41. PMID: 26284147

- Cited by 26

Non-Refereed Work *Published under the name **Ranjini, M.**

Goswami, S. P., Shanbal, J. C., Samasthitha, S., Navitha, U., Chaitra, S., & **Ranjini, M.** (2011). *Manual for adult aphasia therapy in Kannada (MAAT-K)*. A publication of All India Institute of Speech and Hearing, Mysore. ISBN No. 978-93-81-854-17-0.

Sushma, M., Amulya, P. R., **Ranjini, M.**, & Swapna, B. (2010). Fast mapping in typically developing Kannada speaking toddlers. *Journal of All India Institute of Speech and Hearing*, 29, 55-62.

Book Chapters

Mohan, R. (2019). Motor Speech Disorders. In Gonzales, M. D. *Overview of Communication Disorders* (pp. 175-213). Charlotte, NC: Kona Publishing & Media Group.

Works “in preparation”

Journal Articles:

Mohan, R., Chee, K. H., Kim, S., & Gerhart, O. Effects of a story telling program on communication in persons with dementia.

Mohan, R., Huber, J., & Darling-White, M. Impact of age and Parkinson’s disease on language production: A longitudinal study.

Mohan, R. Influence of vocabulary and aging on phonological processing.

Papers/Posters Presented at Professional Meetings *Published under the names *Mohan, R. and Ranjini, M.*

Segovia, M. & **Mohan, R.** (2019). Perception of dementia across students in health professions programs at Texas State University. American Speech Language Hearing Association, Orlando, FL, United States.

Mohan, R. (2018). Influence of vocabulary and aging on phonological processing. American Speech Language Hearing Association, Boston, MA, United States.

Mohan, R. & Weber, C. (2016). Neural functions mediating word retrieval in aging. Cognitive Neuroscience Society, New York, NY, United States.

Mohan, R. & Huber, J. (2014). Language production of persons with Parkinson’s disease and older adults: A longitudinal analysis. American Speech Language Hearing Association, Orlando, FL, United States.

Mohan, R. & Weber, C. (2012). Phonological processing distinguishes recovery versus persistence in stuttering: Electrophysiological evidence. American Speech Language Hearing Association, Atlanta, GA, United States.

Ranjini, M.* & Shafna, J. (2010). Effect of tempo on the frequency ratio of notes in singers and instruments. *Frontiers of Research in Speech and Music*, Gwalior, India.

Sushma, M., Amulya, P. R., **Ranjini, M.***, & Swapna, B. (2010). Fast mapping in typically developing Kannada speaking toddlers. National Conference of the Indian Speech and Hearing Association, Bangalore, India.

Ranjini, M.*, Maria, R., & Goswami, S. P. (2010). Action verb naming in bilingual children and adolescents. National Conference of the Indian Speech and Hearing Association, Bangalore, India.

Invited Talks, Lectures, and Presentations

Mohan, R., (2015). All India Institute of Speech & Hearing, "Careers in gerontology for the Speech Language Pathologist," Mysore, India.

Mohan, R. & Weber, C., (2015). Center for Aging and the Life Course Scholars in the Spotlight, "How does word retrieval change with age?" Purdue University, Robert Ringel Research Symposium, IN, United States.

Mohan, R. (2014). Purdue Students Against Alzheimer's, "Speech and language deficits in individuals with Alzheimer's disease," Purdue University.

Scholarly / Creative Grants and Contracts

External:

Mohan, R. (Principal). "The Name is on the Tip of My Tongue!": Relationship between Physical Fitness and Language. Texas Speech-Language-Hearing Foundation Research Grant, \$1400. (Funded: January-December 2020)

Raley, J. (Principal), Bezner, J. (Co-Principal), Benavente, V. (Co-Principal), **Mohan, R.** (Co-Principal), Gardner, D. D. (Co-Principal), Kim, E. H. (Supporting). A novel social ecological approach for cardiac rehabilitation in older adults and their caregivers, NIH, Federal, \$700,000.00. (Submitted, not Funded: November, 2017).

Internal:

Mohan, R. (Principal), Stickley, Lois (Co-Principal). "The Name is on the Tip of My Tongue!": The Effects of Physical Fitness on Neural Correlates of Face Naming, Texas State University Research Enhancement Program, \$15,763.00. (Funded: December 2018).

Mohan, R. & Weber, C. Neural functions mediating word retrieval in aging, Purdue Research Foundation Grant, Institutional (Higher Ed), \$15,000.00. (Funded: July 2014 – June 2015).

Fellowships/ Awards/ Honors

- College Achievement Award for Teaching (2019), College of Health Professions, Texas State University.
- Faculty Excellence Award in Scholarship (2018), College of Health Professions, Texas State University.
- Favorite Professor (2018), Alpha Chi Honors Society, Texas State University.
- Bisland Dissertation Fellowship in Gerontology (2015), Purdue University.
- Indiana Lion's McKinney Research Award (2014), Indiana Lion's Club
- Robert Ringel Research Award (2014), Purdue University.
- Gerontology Program Lynn Fellowship (2011), Center for Aging and the Life Course.

SERVICE

Institutional

- Faculty Senate Liaison, Communication Disorders. (August 2019-)
- Member, CDIS Service-Learning Task Force. (September 2018 - Present)
- Member, CDIS Hooding Ceremony. (February 2018 - Present)
- Member, CDIS Diversity Event Committee. (September 2017 - Present)

Professional

- Reviewer/Referee, Journal of the All India Speech and Hearing Institute, India (June 2020-)

- Reviewer/Referee, Journal of Speech, Language, and Hearing Research (July 2019-January 2020)
- Reviewer/Referee, Journal of Communication Disorders (February 2018-Present).
- Reviewer / Referee, Indian Speech and Hearing Association Convention. (October 2018 – January 2019).
- Reviewer / Referee, Journal of Psychophysiology. (October 2017 – April 2018).
- Vice President, Asian Indian Caucus of the American Speech-Language-Hearing Association. (2015 - Present).

Organization Memberships

- Cognitive Neuroscience Society. (2014 - Present).
- American Speech Language Hearing Association. (2012 - Present).
- Indian Speech and Hearing Association. (2009 - Present).