

# SARYU SHARMA

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Department of Communication Sciences and Disorders  
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## EDUCATION

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<b>Ph.D.</b>	Communication Sciences and Disorders East Carolina University	2021
<b>M.S.</b>	Speech-Language Pathology All India Institute of Speech and Hearing, India	2014
<b>P.G.</b>	Clinical linguistics	2012
<b>Diploma</b>	All India Institute of Speech and Hearing, India	
<b>B.Sc.</b>	Speech-Language Pathology and Audiology Bangalore University, India	2011

## RESEARCH

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- East Carolina University, Greenville, NC** 2016-2021  
**Graduate Research Associate, Aging and Adult Language Disorders Lab**
- Designing and conducting research projects for people with aphasia, traumatic brain injury, and across the adult life span.
  - Performing collection of eye tracking and behavioral data.
  - Participant recruitment, data collection and analysis for “Hormone Therapy Effects on Cognition and Language in Breast Cancer” project (PI: Dr. Heather Harris Wright)
  - Train and supervise undergraduate volunteers in the lab for language sample analysis using CLAN software.
  - Oversee ongoing undergraduate research projects
- University of Mysore, India** 2014 – 2015  
**Research Officer**
- Stimulus preparation and participant recruitment for “Morphosyntactic Processing in Dyslexia: Application of an ERP Measure” project.
  - Performing collection of event-related potentials (ERP) and behavioral data.

## TEACHING

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<b>CSD 3310 Speech Science: The Acoustical Nature of Sound and Speech</b> Co-Instructor, Undergraduate Level Idaho State University	2021
<b>CSD 4405 Neuroscience for Communication Disorders</b> Instructor, Undergraduate Level Idaho State University	2021
<b>Undergraduate Research Practicum</b> Teaching Practicum East Carolina University	2020
<b>Neural processes in Speech and Language</b> Teaching Assistant, Graduate Level East Carolina University	2019
<b>Introduction to Communication Sciences and Disorders</b> <b>Instructor, Undergraduate Level</b> East Carolina University	2018

## PUBLICATIONS

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### *Chapter*

**Sharma, S.,** Kim, H., & Wright, H. H. (2019). Elderly: Communication disorders of aging. In M. J. Ball & J. S. Damico (Eds). Sage Encyclopedia of Communication Sciences and Disorders (659-662). Thousand Oaks, CA: SAGE Publications Inc  
<http://dx.doi.org/10.4135/9781483380810.n220>

### *Peer Reviewed Publications*

Jebahi, F., **Sharma, S.,** Bloss, J., & Wright, H. H. (2021). Effects of tamoxifen on cognition and language in women with breast cancer: A systematic search and a scoping review. *Psycho-Oncology*, 30(8),1262-1277.  
<https://doi.org/10.1002/pon.5696>

**Sharma, S.,** Kim, H., Havan, L. H., Haberstroh, A., Wright, H. H., & Rothermich, K. (2021). Eye tracking measures for studying language comprehension deficits in Aphasia: A systematic search and scoping review. *Journal of Speech Language and Hearing Research*, 64(3), 1008–1022.  
[https://doi.org/10.1044/2020\\_JSLHR-20-00287](https://doi.org/10.1044/2020_JSLHR-20-00287)

Stark, B., Dutta, M., Murray, L., ....., **Sharma, S.** & Gutierrez, S. (2020). Standardizing assessment of spoken discourse in aphasia: A working group with deliverables. *American Journal of Speech-Language Pathology*, 1-12. [https://doi.org/10.1044/2020\\_AJSLP-19-00093](https://doi.org/10.1044/2020_AJSLP-19-00093)

**Sharma, S.**, Briley, P.M., Wright, H. H., Perry, J. L., Fang, X. & Ellis, C. (2019). Gender Differences in Aphasia Outcomes: Evidence from the AphasiaBank. *International Journal of Language and Communication Disorders*, 54(5), 806-813. <https://doi.org/10.1111/1460-6984.12486>

### ***Journal Papers under Review***

**Sharma, S.**, Kim, H., Schoemann, A., & Wright, H. H. (under revision). Discourse Performance in Aphasia using Core lexicon: Structural Equation Modelling Analyses. Submitted to: *International Journal of Language and Communication Disorders*

**Sharma, S.**, Fleck, K., Winslow, S., & Rothermich, K. (under revision). The impact of Parkinson's Disease on Social Communication: A questionnaire study. Submitted to: *International Journal of Speech-Language Pathology*

### **PEER REVIEWED PRESENTATIONS**

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#### ***Conference presentations***

**Sharma, S.**, Jebahi, F., & Wright, H. H. (2021). Tamoxifen Effects on Cognition and Language in Women with Breast Cancer. Poster to be presented at the International Neuropsychological Society, San Diego, CA (virtual conference, Feb 2-5)

Jebahi, F., **Sharma, S.**, & Wright, H. H. (2021). Effects of Tamoxifen on Cognition and Language in Women with Breast Cancer: A Scoping Review. Poster to be presented at the International Neuropsychological Society, San Diego, CA (virtual conference, Feb 2-5)

Kidwai, J., **Sharma, S.**, Peper, M. & Brumberg, J. (2021). A Review of Novel Technology used in Aphasia Rehabilitation. Poster to be presented at the International Neuropsychological Society, San Diego, CA (virtual conference, Feb 2-5)

Harris, H., **Sharma, S.**, Kim, H., Haberstroh, A., & Rothermich, K. 12389: Eye tracking measures for studying language comprehension deficit in Aphasia: A systematic review. Poster accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention Cancelled).

**Sharma, S.**, Giordano, G., Briley, P., & Wright, H. H. 12330: Core-lexicon analyses: Usability and Reliability for Clinical Practice. Poster accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention Cancelled).

Giordano, G., **Sharma, S.**, Kidwai, J., Bloss, J., & Wright, H. H. 12308: Discourse processing in Aphasia: Extracting evidence-based finding for clinical use. Poster accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention Cancelled).

**Sharma, S.**, Kim, H., Wright, H. H., & Rothermich, K. (2019). Advancement of eye tracking in Aphasia research: A systematic review. Poster presented at ASHA Annual Convention, Orlando, FL.

Fleck, K., **Sharma, S.**, & Rothermich, K. (2019). The impact of Parkinson's disease of social communication: A Questionnaire study. Poster presented at ASHA Annual Convention, Orlando, FL.

Giordano, G., **Sharma, S.**, Kim, H., & Wright, H. H. (2019). Using Discourse Analysis to Identify Subtle Language Deficits. Poster presented at ASHA Annual Convention, Orlando, FL.

**Sharma, S.**, Kim, H., & Wright, H. H. (2019). Discourse Performance in Aphasia: A SEM Analyses. Poster presented at Saffran Conference, Philadelphia.

**Sharma, S.**, Kim, H., & Wright, H. H. (2019). Discourse Performance in Aphasia: A SEM analyses. Poster presented at Clinical Aphasiology Conference, Montana.

**Sharma, S.**, Kim, H., Ellis, C., & Wright, H. H. (2019). Modelling narrative and Procedural Discourse Performance in Aphasia. Poster presented at International Neuropsychological Society conference, New York.

Blakney, S., Henderson, A., **Sharma, S.**, Kim, H., & Wright, H. H. (2019). Improving Cognitive Function in Traumatic Brain Injury: Evidence from Two Treatments. Poster presented at International Neuropsychological Society conference, New York.

**Sharma, S.**, Kim, H., Wright, H. H. & Ellis, C. (2018). Racial-Ethnic Differences in Self-Reported Cognitive Decline in Older Adults. Poster presented at Cognitive Aging Conference, Atlanta, GA, 2018.

**Sharma, S.**, Briley, P.M., Wright, H. H., Perry, J. L., Fang, X. & Ellis, C. (2018). Gender Differences in Aphasia Outcomes: Evidence from the AphasiaBank. Poster presented at Clinical Aphasiology Conference, Austin, TX, 2018.

**Sharma, S., & Wright, H. H. (2017).** Investigating the Episodic Buffer function in Persons with Aphasia (PWA). Poster presented for ASHA Annual Convention, 2017.

Kidwai, J., **Sharma, S.**, Shanbal, J. (2014). Learning from written context: Cognitive Linguistic Perspective. Poster presented at the 1<sup>st</sup> Annual Conference of the Association for Cognitive Science (ACS-2014) organized by National Brain Research Centre, New Delhi, India.

**Sharma, S.**, Kidwai, J., Jayakumar, T. (2014). Speech characteristics in ventriloquism. Oral presentation and paper published in the proceedings of International Symposium of Frontiers of Research on Speech & Music (FRSM-2014) at All India Institute of Speech & Hearing, Mysore, India.

#### **HONORS AND AWARDS**

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<b>ANCDS Conference Student Fellowship</b>	2020
<b>CAHS Thesis/Dissertation Research Grant</b> East Carolina University	2020
<b>NIDCD fellowship for Research Symposium in Clinical Aphasiology</b>	2019, 2020
<b>NIDCD Student Scholar Travel Award,</b> 14 <sup>th</sup> Annual Eleanor M. Saffran Conference	2019
<b>Best poster presentation Award</b> CAHS Research Day, East Carolina University	2019
<b>CAHS Student Travel Award</b> East Carolina University	2017, 2018, 2019

#### **PROFESSIONAL SKILLS**

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- Trained in using language analysis softwares: CLAN, SALT, PRAAT
- Trained in using statistical softwares: R, SPSS
- Trained in using E-prime, EyeLink 1000 Plus

#### **PROFESSIONAL SERVICE**

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**Peer-Reviewed Articles for:**

- Journal of Communication Disorders

## **LICENSURE, MEMBERSHIPS, AND CERTIFICATIONS**

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- Graduate Certificate in Quantitative Methods for Social & Behavioral Sciences
- National Student Speech Language Hearing Association member (ID # 14275235)
- Indian Speech and Hearing Association member- Life member
- Rehabilitation Council of India