

## **Manaswita Dutta, PhD., CCC-SLP**

### *Curriculum Vitae*

<https://sites.google.com/view/www-manaswitadutta-com/>

**Email :** manaswita\_dutta@rush.edu

## **EDUCATION**

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<b>Indiana University</b> , Bloomington, Indiana, USA Ph.D. in Speech, Language, and Hearing Sciences Minor: Neuroscience Advisors: Dr. Laura L. Murray, Dr. Brielle C. Stark, and Dr. Karen Forrest <u>Dissertation topic:</u> Evaluating the relationship between executive functioning, spoken discourse, and life participation in aphasia.	2015-2020
<b>University of Northern Iowa</b> , Cedar Falls, Iowa, USA M.A. in Speech-Language Pathology Advisor: Dr. Angela Burda <u>Thesis topic:</u> Semantic feature analysis application for aphasia therapy.	2012-2013
<b>Manipal University</b> , Manipal, Karnataka, India B.Sc. in Audiology and Speech-Language Pathology (BASLP)	2007-2011

## **PROFESSIONAL LICENSES AND CERTIFICATIONS**

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Illinois State SLP Licensure	2021-present
Certificate of Clinical Competence in Speech-Language Pathology American Speech-Language-Hearing Association (ASHA)	2015-present
Indian Speech and Hearing Association (ISHA)	2011-present

## **PROFESSIONAL APPOINTMENTS**

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<b>Assistant Professor</b> Department of Communication Disorders and Sciences College of Health Sciences Rush University Chicago, IL, USA	2021-present
<b>Speech-Language Pathologist Clinical Fellow</b> Select Rehabilitation Spokane, WA, USA	2014 –2015

## **RESEARCH INTERESTS**

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- Cognitive-linguistic abilities associated with aging and neurogenic communication disorders including aphasia, epilepsy, dementia, and traumatic brain injury
  - Effects of cognitive-linguistic and psychosocial factors on life participation outcomes of persons with acquired neurogenic communication disorders

- The use of neuroimaging and electrophysiological procedures in examining the neural mechanisms underlying cognition and language processing in neurotypical adults and individuals with neurological disorders
- Cognitive-linguistic assessment and intervention procedures
- Language characteristics of bilingual speakers with and without neurological disorders.

## CURRENT RESEARCH PROJECTS

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- **Narrative production characteristics of Bengali-English bilingual patients with Alzheimer's Disease**

The goal of this research is to characterize narrative productions of Bengali-English bilingual speakers with Alzheimer's Disease in Bengali (L1) and English (L2). The study also aims to identify and document cross-linguistic patterns, i.e., similarities and differences across different linguistic domains (e.g., syntax, morphology, and lexicon) in these individuals.

- **Establishing gold standards for spoken discourse analysis in aphasia: A survey of current practices**

The purpose of this study is to collect information from clinicians and researchers regarding the collection, analysis, and reporting of spoken discourse data in aphasia. This study is the first phase of a larger study that is aimed at addressing a major gap in aphasia literature, i.e., a lack of standardization of spoken discourse measurement in aphasia.

## PREVIOUS RESEARCH PROJECTS

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- **Effects of epilepsy on language functions: Scoping review and data mining findings**

This research involved an extensive literature review of language functions in adults with epilepsy. With access to social network data, we utilized data mining methods to determine if individuals with epilepsy are expressing language-related concerns in their day-to-day communication.

- **Language functions in adults with epilepsy: Preliminary electrophysiological and behavioral findings**

The aim of this study was to address the research gaps identified in our scoping review study and systematically investigate language abilities in individuals with epilepsy using cognitive-linguistic and EEG measures.

- **The relationship between executive functions, spoken discourse, and psychosocial outcomes in individuals with aphasia.**

My dissertation research is aimed towards exploring the relationship between cognitive skills including executive functions and spoken discourse productions of individuals with chronic aphasia. Further, the associations between such cognitive-linguistic functions and psychosocial outcomes in aphasia will also be investigated.

## PEER-REVIEWED PUBLICATIONS

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**Dutta, M.,** Murray, L., Miller, W., & Groves, D. (2018). Effects of epilepsy on language functions: Scoping review and data mining findings. *American Journal of Speech-Language Pathology*, 27(1S), 350-378. Doi: [https://doi.org/10.1044/2017\\_AJSLP-16-0195](https://doi.org/10.1044/2017_AJSLP-16-0195)

Stark, B.C., **Dutta, M.,** Murray, L. M., Bryant, L., Fromm, D., MacWhinney, B., Ramage, A., Roberts, A., Roberts, A., den Ouden, D. B., Brock, K., McKinney-Bock, K., Paek, E.J., Harmon, T., Yoon, S. O., Themistocleous, C., Yoo, H., Aveni, K., Gutierrez, S., & Sharma, S. (2020). Standardizing assessment of spoken discourse in aphasia: A working group with deliverables. *American Journal of Speech-Language Pathology*, 1-12. Doi: [https://doi.org/10.1044/2020\\_AJSLP-19-00093](https://doi.org/10.1044/2020_AJSLP-19-00093)

**Dutta, M.**, Murray, L., Miller, W., Innis, I., & Newman, S. (2020). Cognitive-linguistic functions in adults with epilepsy: Preliminary electrophysiological and behavioral findings. *Journal of Speech, Language, and Hearing Research*, 1-15. Doi: [https://doi.org/10.1044/2020\\_JSLHR-19-00351](https://doi.org/10.1044/2020_JSLHR-19-00351)

## MANUSCRIPTS IN PREPARATION

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**Stark, B.C., Dutta, M.**, Murray, L. M., Fromm, D., Bryant, L., Harmon, T., Ramage, A., & Roberts, A. (in preparation). Spoken discourse assessment and analysis in aphasia: An international survey of current practices.

**Bose, A., Dash, N. S., Ahmed, S., Dutta, M., Dutt, A., Nandi, R., Cheng, Y., & D'Mello, T.** (in preparation). Connected speech characteristics in Bengali speakers with Alzheimer's Disease.

**Dutta, M.**, Murray, L. M., & Stark, B.C., (in preparation). A comprehensive evaluation of executive functioning in persons with chronic aphasia.

## PROFESSIONAL PRESENTATIONS

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**Dutta, M.**, Murray, L.L., and Stark, B.C. (May 2021). *Evaluating executive functions, spoken discourse abilities, and quality of life in aphasia*. Clinical Aphasiology Conference.

**Stark, B.C., Dutta, M.**, Murray, L.L., Fromm, D., and Bryant, L. (May 2021). *Current practices in spoken discourse assessment and analysis in aphasia*. Clinical Aphasiology Conference.

**Dutta, M.**, Murray, L.L., and Stark, B.C. (November 2020). *Examining the relationship between executive functioning, discourse abilities, and life participation in persons with aphasia*. American Speech-Language-Hearing Association, San Diego, CA. (Conference canceled)

**Dutta, M.**, Murray, L.L., and Stark, B.C. (September 2020). *Evaluating the relationship between executive functions, spoken discourse, and psychosocial outcomes in aphasia*. British Aphasiology Society Conference, New Castle, UK. (Conference canceled)

**Dutta, M.**, Murray, L.L., and Stark, B.C. (June 2020). *Evaluating the relationship between executive functions, discourse production, and psychosocial outcomes in aphasia*. International Aphasia Rehabilitation Conference, Vancouver, CA. (Conference canceled)

**Stark, B.C., Dutta, M.**, Murray, L.L., Fromm, D., and Bryant, L. (June 2020). *Current practices in spoken discourse assessment and analysis in aphasia*. International Aphasia Rehabilitation Conference, Vancouver, CA. (Conference canceled)

**Dutta, M.**, Murray, L.L., and Stark, B.C. (May 2020). *Evaluating executive functions, spoken discourse abilities, and quality of life in aphasia*. Clinical Aphasiology Conference, Hawaii, HI. (Conference canceled)

**Stark, B.C., Dutta, M.**, Murray, L.L., Fromm, D., and Bryant, L. (May 2020). *Current practices in spoken discourse assessment and analysis in aphasia*. Clinical Aphasiology Conference, Hawaii, HI. (Conference canceled)

**Dutta, M.**, Murray, LL., and Stark, B.C. (May 2019). *Standardizing assessment of spoken discourse in aphasia: Directions for future research* [Round Table]. Clinical Aphasiology Conference, Whitefish, MT.

- Dutta, M.**, Murray, L.L, Miller, W., Innis, I., and Newman, S. (November 2018). *Language functions in adults with epilepsy: Evidence from electrophysiological and behavioral findings*. American Speech-Language-Hearing Association Annual Convention, Boston, MA.
- Dutta, M.**, Murray, LL., Miller, W., and Newman, S. (May 2018). *Language functions in adults with epilepsy: ERP and behavioral findings*. Clinical Aphasiology Conference, Austin, TX.
- Dutta, M.**, Murray, L.L, Miller, W., and Groves, D. (February 2017). *Language functions in adults with epilepsy: A scoping review and data mining study*. International Neuropsychological Society Meeting, New Orleans, LA.
- Dutta, M.**, Murray, L.L, Miller, W., and Groves, D. (November 2016). *Effects of epilepsy on language functions: Results of scoping review and data mining*. American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
- Loughnane, M., Murray, L.L, **Dutta, M.**, Seilheimer, M., and Trent, A. (November 2016). *Communicative efficiency & verbal & nonverbal fluency in adults with an acquired brain injury*. American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA.
- Dutta, M.**, Murray, L.L, Miller, W., and Groves, D. (May 2016). *Language disorders in epilepsy: Scoping review and data mining findings*. Clinical Aphasiology Conference, Charlottesville, VA.
- Skinner, K., Forrest, K., and **Dutta, M.** (April 2016). *The Lombard effect in older adults with and without cochlear hearing loss*. American Academy of Audiology Conference, Phoenix, AZ.
- Burda, A., Hughes, S., Bean, K., **Dutta, M.**, Dykeman, K., Foltz, Z., Fischer, B., Holtkamp, L., Meyer, A., Reuter, J., Sexe, J., & Strausser, A. (November 2014). *Effectiveness of the Name That! App in a person with aphasia*. American Speech-Language-Hearing Annual Association Convention, Orlando, FL.
- Burda, A., Hughes, S., **Dutta, M.**, Foltz, Z., & Sexe, J. (April 2013). *Semantic feature analysis application for aphasia therapy*. Annual Meeting of the Canadian Association of Speech-Language Pathologists and Audiologists, Victoria, BC.
- Burda, A., Hughes, S., **Dutta, M.**, Foltz, Z., & Sexe, J. (March 2013). *Semantic feature analysis application for aphasia therapy*. Iowa Conference on Communicative Disorders, Cedar Falls, IA.
- John, S., & **Dutta, M.** (January 2012). *Utility of the astronaut invented spelling test (AIST) in the qualitative and quantitative analysis of spelling in second grade children*. National Convention of the Indian Speech and Hearing Association, Hyderabad, India.
- John, S., Jabir, F. M., **Dutta, M.**, & Lewis, N. V. (January 2011). *A comparison between factors affecting phonemic segmentation and their relationship with phonemic awareness in school-going children*. 43<sup>rd</sup> National Convention of the Indian Speech and Hearing Association, Kolkata, India.
- Dutta, M.**, Jabir, F. M., & Maruthy, S. (January 2010). *Relationship between speech rate parameters and intelligibility in esophageal and tracheoesophageal speakers*. 42<sup>nd</sup> National Convention of the Indian Speech and Hearing Association, Bangalore, India.
- Dutta, M.**, John, S., & Veena, K.D. (December 2009). *Cognitive-linguistic deficits in Parkinson's Disease: A case report*. Manipal Institute of Allied Health Sciences, Manipal, India.

## INVITED TALKS

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**Dutta, M.** (September 2020). *Evaluating the relationship between executive functioning, spoken discourse abilities, and life participation in aphasia*. FOQUS Aphasia Interactive Events. Bloomington, IN.

## EDITORIAL WORK

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Reviewer – Journals: *Aphasiology*, *Neurobiology of Language*, *Stroke*, *Brain and Language*, *American Journal of Speech-language Pathology (AJSLP)*, *Journal of Medical Internet Research (JMIR)*, *Journal of Communication Disorders (JCD)*, *Journal of Speech, Language, and Hearing Research (JSLHR)*

## RESEARCH EXPERIENCE

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<b>Adult Cognition and Language Lab</b> Department of Speech and Hearing Sciences Indiana University <i>Graduate Research Assistant</i>	Fall 2015-Summer 2016
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<b>Speech Acoustics Lab</b> Department of Speech and Hearing Sciences Indiana University <i>Graduate Research Assistant</i>	Fall 2015-Summer 2016
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<b>The Center for Disability Studies in Literacy, Language, and Learning (Price Lab)</b> Department of Communication Sciences and Disorders and Department of Education University of Northern Iowa <i>Graduate Research Assistant</i>	2012-2013
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<b>Voice and Speech Science Lab</b> Department of Speech and Hearing Manipal University <i>Undergraduate Research Assistant</i>	2007-2011
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## TEACHING EXPERIENCE

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<b>SLP 564 Aphasia</b> <i>Course Director</i> , Rush University	Spring 2021-present
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<b>SPHS-S 108 Speech and Language Sciences: An overview</b> <i>Associate Instructor</i> , Indiana University	Fall 2019
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<b>COLL-P 155 Public Oral Communication</b> <i>Associate Instructor</i> , Indiana University	Fall 2018-Spring 2019
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<b>SPHS-S 307 Cognitive and Communication Aspects of Aging</b> <i>Instructor of Record</i> , Indiana University	Spring 2018
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<b>SPHS-S 201 Speech Anatomy and Physiology</b> <i>Instructor of Record</i> , Indiana University	Fall 2016-Fall 2017
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## RESEARCH GRANTS

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The University Graduate School Grant-in-aid Doctoral Research Award, \$1000	Fall 2019
Department of Speech and Hearing Sciences Research Support Grant, \$500	Fall 2019
Lions Club McKinney PhD Research Award, \$500	Fall 2017
Department of Speech and Hearing Sciences Research Support Grant, \$500	Fall 2017
Graduate Research Award for Student Projects (GRASP), \$1000	Spring 2013

## AWARDS AND SCHOLARSHIPS

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ASHA Award for Continuing Education (ACE award)	Fall 2020
NIH-NIDCD RSCA Student Fellowship	Spring 2019
American Speech-Language-Hearing Foundation International Graduate Student Scholarship	Fall 2018
The Provost's Travel Award for Women in Science	Fall 2018
Judith Gierut Outstanding PhD Presentation Award	Spring 2017
The College of Arts and Sciences Travel Award	Spring 2017
The Provost's Travel Award for Women in Science	Spring 2017
The Provost's Travel Award for Women in Science	Fall 2016
The College of Arts and Sciences Travel Award	Spring 2016
The Provost's Travel Award for Women in Science	Spring 2016
Waterloo Quota International Scholarship	2013
UNI Graduate College Tuition Scholarship	2012-2013

## PROFESSIONAL SERVICE

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<b>Working Group Co-Creator</b>	2019-Present
<i>Focusing on Quality of Spoken Discourse in Aphasia (FOQUSAphasia) Working Group</i> ( <a href="http://www.foqusaphasia.com">www.foqusaphasia.com</a> )	
<b>Graduate Representative</b>	Fall 2018
<i>Undergraduate Research Grant Application (URG) Review Committee</i> Department of Speech and Hearing Sciences, Indiana University	
<b>Co-coordinator</b>	2017-2018
Speech and Hearing Sciences Ph.D. Organization, Indiana University	

## CLINICAL EXPERIENCE

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<b>Graduate Student Intern</b>	VA Central Iowa Health Care System, Des Moines, IA, USA
October 2013 – December 2013	
<b>Graduate Student Intern</b>	Department of Surgery/Otolaryngology
July 2013 – October 2013	University of Wisconsin Hospital and Clinics, Madison, WI, USA
<b>Graduate Student Clinician</b>	University of Northern Iowa, Cedar Falls, IA, USA
January 2012 - May 2013	
<b>Undergraduate Student Intern</b>	National Institute of Mental Health & Neuroscience (NIMHANS) Bangalore, KA, India

August 2011-October 2011

**Undergraduate Student Clinician**  
August 2007 - June 2011

Manipal University, Manipal, KA, India

## **PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS**

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Certification in Motivational Interviewing, Central Iowa VA Healthcare System, Des Moines, IA  
Health Insurance Portability and Accountability Act (HIPAA) Certification

## **TECHNICAL SKILLS**

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Electroencephalography (EEG)  
SPSS  
MATLAB  
PRAAT  
RedCap  
E-Prime