

## **Sujini Ramachandar**

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### **EDUCATION**

Ph.D., Speech-Language Pathology 2017  
University of Pittsburgh, Pittsburgh, PA

*Dissertation* 2017  
*White Matter Connectivity Differences Between Sensorimotor Regions in Individuals Who Stutter*

M.S., Speech-Language Pathology 1999  
Syracuse University, Syracuse, NY

B.S., Accounting 1982  
Madras University, Coimbatore, India

### **RESEARCH INTERESTS**

Sensorimotor Integration and Speech  
Fluency Disorders

Neural Correlates of Speech Production  
Assessment and Treatment of Stuttering

### **RESEARCH EXPERIENCE**

*University of Pittsburgh, Primary Investigator* 2014-2017

Advisor – Dr. Yaruss

**White Matter Connectivity Differences Between Sensorimotor Regions in Individuals Who Stutter,**  
University of Pittsburgh

- Completed Institutional Review Board (IRB) application
- Segmented white matter connections between sensorimotor regions involved in speech production
- Analyzed trends to establish standards in neurologically healthy adults

*University of Pittsburgh, Primary Investigator* 2014-2017

Advisor – Dr. Yaruss

**Temporal activation differences in people who stutter using MEG**

- Completed Institutional Review Board (IRB) application
- Designed experimental protocol to assess activation patterns during covert rehearsal of speech
- Involved in analysis of data using ‘Brainstorm’

*University of Pittsburgh* 2013-Present

Principal Investigator – Dr. Moncrieff

**Benefits of Parent Education via Teletherapy on Speech and Language  
Outcomes in Children with Hearing Loss**

- Provided parent education via teletherapy and face to face to parents of children with hearing loss
- Provided Listening and spoken language strategies to parents with hearing loss
- Collaborated with audiologists, occupational therapists and teachers to provide comprehensive treatment plan

*University of Pittsburgh, Graduate Research Assistant* 2012  
Primary Investigator: Dr. Puranik

**ERIC (Reading Intervention Study for Children with Down Syndrome)**

- Provided reading intervention to children with Down Syndrome
- Developed treatment protocols to develop articulation skills in children with Down Syndrome

**TEACHING EXPERIENCE**

**Assistant Professor** 2016

- Disorders of Fluency
- Disorders of Phonology
- Introduction to Communication Disorders
- Research Methods
- Anatomy and Physiology

**Teaching Practicum** 2016

- Fluency Disorders

**Neural correlates underlying stuttering** 2015

- One 45-minute graduate lecture  
University of Pittsburgh, Pittsburgh, PA

**Options after Graduation** 2015

- One 45- minute graduate lecture  
University of Pittsburgh, Pittsburgh, PA

**Overview of Language Social/Cultural Aspects of Language** 2014

- One 1.5-hour undergraduate lecture  
Syracuse University, Syracuse, NY

**Introduction to Speech language Pathology: Stuttering** 2014

- One 3-hour undergraduate lecture  
University of Pittsburgh, Pittsburgh, PA

**PEER REVIEWED PUBLICATIONS**

Yaruss, J. S., Lee, J., Kikani, K. B., Leslie, P., Herring, C., **Ramachandar, S.**, Tichenor, S., Quesal, R.W., & McNeil, M. R. (2017). Update on Didactic and Clinical Education in Fluency Disorders: 2013–2014. *American Journal of Speech-Language Pathology*, 26(1), 124-137.

**ONLINE/ENCYCLOPEDIA PUBLICATIONS**

Moncrieff, D., Parfitt, M., & **Ramachandar, S.** The Therapy in Teletherapy: Parent education by SLPs provides multiple benefits to children with hearing loss. *Advance Healthcare Network*, April 27, 2015.

Yaruss, J.S., & **Ramachandar, S.** Childhood disfluency. *The SAGE Encyclopedia of Abnormal and Clinical Psychology*. Thousand Oaks, CA: Sage Publications.

### **CONFERENCE PRESENTATIONS**

**Ramachandar, S.**, Parfitt, M., and Moncrieff, D. Benefits of Parent Education via Teletherapy on Speech and Language Outcomes in Children with Hearing Loss. *Oral Presentation at 2014 ASHA Convention, Orlando, FL.*

**Ramachandar, S.**, Pathak, S., Schneider, W., and Yaruss, J.S. Structural neural connectivity of the speech production network using HDFT. *Poster presentation at ASHA Convention 2015, Denver Colorado.*

**Ramachandar, S.**, Parfitt, M., and Moncrieff, D. Parent Education and Collaboration through Telepractice. *Oral Presentation at 2016 ASHA Convention, Philadelphia, PA.*

### **INVITED PRESENTATIONS**

**The Therapy in Teletherapy: Benefits of Parent Education via Teletherapy on Speech and Language Outcomes in Children with Hearing Loss.** *Oral Presentation at 2015 PSHA revisited, Pittsburgh PA.*

**The Therapy in Teletherapy: Benefits of Parent Education via Teletherapy on Speech and Language Outcomes in Children with Hearing Loss.** *Oral Presentation at 2015 Audiology Clinical Seminar Series, Pittsburgh, PA.*

**Childhood Stuttering - An Overview.** *Oral Presentation at 2011 Central New York Speech, Language, Hearing Association (CNYSLHA), Syracuse, NY.*

### **GRANTS, AWARDS AND SCHOLARSHIPS**

School of Health and Rehabilitation Sciences Research Award	2016
Bruce Baker Travel Award, Pittsburgh, PA	2014
NSA Research Fund, Pittsburgh, PA	2014
MEG Pilot Seed Funding, UPMC Brain Mapping Center, Pittsburgh, PA	2014
ASHA Award for Continuing Education, Syracuse, NY	2010

**SUPERVISORY EXPERIENCE**

**Center for Communication Disorders, Southern Connecticut State University**

**New Haven, CT**

2016-*Present*

*(Clinic Supervisor)*

- Mentor student clinicians in providing evidence based therapy to children with speech and language disorders.
- Provide guidance and feedback for parent education and counseling.

**Connections, Family–Centered Therapies, PLLC, Syracuse NY**

2001-2012

*(Partner, Principal)*

- Managed and mentored more than 25 therapists from various disciplines (Speech language pathologist, occupational therapists, physical therapists, psychologists and speech education teachers).
- Collaborated with other disciplines to develop comprehensive treatment plans.

**Syracuse University**

2009-2011

*(Part-Time Clinic Supervisor)*

- Guided graduate students with planning and implementing stuttering group and individual therapy sessions.
- Advised students on therapy focused on Evidenced-Based Practice.
- Provided support to students for parent education and counseling.

**CLINICAL EXPERIENCE**

**DePaul School for Hearing and Speech**

2013-2016

*(Speech Language Pathologist)*

- Provide parents with strategies to enhance listening and spoken language of children with hearing impairment.

**Connections, Family–Centered Therapies, PLLC, Syracuse NY**

2001-2013

*(Partner, Principal)*

*Children:*

- Provided early intervention and preschool evaluations and therapy to children with language delays, articulation delays, fluency disorders, autism, and selective mutism.
- Developed Individualized Family Plans and Individualized Education Plans and participated in collaborative meetings.
- Developed and implemented *Parent Empowerment Program (PEP)*: a parent education program to educate parents on behavioral issues.

*Adults:*

- Provided collaborative treatments to people with swallowing deficits and speech and language deficits due to cerebral vascular accidents, traumatic brain injury, and dementia.

**Interactive Therapy Group** 1999-2001  
*(Speech Language Pathologist)*

- Provided early intervention and preschool evaluations and therapy to children with language delays, articulation delays, fluency disorders and autism.

**SERVICE:**

**Lotus Foundation** 2015-Present

*(President)*

Pittsburgh, PA

- Collaborate with Universities and rehabilitation agencies in underserved areas to disseminate latest research and treatment protocols
- Identify and pursue funding sources
- Develop and implement training programs in underserved areas

**National Stuttering Association, Syracuse Chapter** 2010-2012

*(Co-leader)*

Syracuse, NY

- Organized and ran adult support stuttering groups

**Fluency Workshop** 2011

*(Organizer/Sponsor)*

Syracuse, NY

- In collaboration with Syracuse University and National Stuttering Association

**Becoming Fluent in Disfluency:**

*(Organizer)*

An Analysis of Stuttering Research & Treatment in Pre-K Children

2017

- Southern Connecticut State University and Haskins Training Institute

University Graduate Council – member (University)

Graduate Curriculum Committee

Present

Scholarship Committee- member

Present

AAUP- member (University)

Present

Continuing Education Committee (SHHS)

Present

Scholarship Reassigned Time (SHHS)

Present

**CERTIFICATIONS AND LICENSURES**

Statistical Analysis of fMRI Data Johns Hopkins Bloomberg School of Public Health, Coursera	2015
West Virginia Board of Examiners for Speech-Language Pathology and Audiology WV State Licensure	2013-Present
Commonwealth of Pennsylvania, Department of State PA State licensure	2012-Present
New York State Teacher’s Certification for Speech and Hearing Impaired The University of the State of New York, State licensure	2000-Present
State of Connecticut Department of Public Health	2016-Present

**PROFESSIONAL AFFILIATIONS**

- Member, ASHA – American Speech and Hearing Association
- Member, National Stuttering Association
- Member, ASHA Special Interest Division 4 - Fluency Disorders
- Member, International Fluency Association

**2012- 2017**

**PEER REVIEWED PUBLICATIONS**

Yaruss, J. S., Lee, J., Kikani, K. B., Leslie, P., Herring, C., Ramachandar, S., Tichenor, S., Quesal, R.W., & McNeil, M. R. (2017). Update on Didactic and Clinical Education in Fluency Disorders: 2013–2014. *American Journal of Speech-Language Pathology*, 26(1), 124-137.

**PROFESSIONAL DEVELOPMENT:**

**Aging: Strategies to Enhance Health and Well Being**

Transdisciplinary Challenges and Opportunities

Mar 2017

**Becoming Fluent in Disfluency:**

An Analysis of Stuttering Research & Treatment in Pre-K Children

Apr 2017

**Research Symposium**

2017

July

National Stuttering Association -

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