

**Whitney Anne Postman, Ph.D./CCC-SLP**  
Department of Speech, Language and Hearing Sciences  
Doisy College of Health Sciences, Saint Louis University  
3750 Lindell Boulevard, Office: McGannon 241, Lab: McGannon 252, St. Louis, MO 63108  
drwhitney.postman@health.slu.edu 314-977-2825

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## **EDUCATION**

- 2002 Ph.D. in Linguistics with Minors in Cognitive Studies & Southeast Asian Studies, Cornell University, Ithaca, NY
- 2010 M.A. in Communication Sciences & Disorders, Temple University, Philadelphia, PA
- 1992 B.Sc. in Linguistics & Philosophy, Art & Architecture Minor, Massachusetts Institute of Technology, Cambridge, MA
- 1988 H.S. Dip. from the Lycée Français de New York, Baccalauréat Français, Série B

## **LICENSURE AND CERTIFICATIONS**

- 2012-23 Certified American Speech–Language–Hearing Association (ASHA) Clinician, ID #14042784
- 2013-23 Registered Bilingual Service Provider, ASHA Office of Multicultural Affairs
- 2016-23 Missouri License in Speech-Language Pathology #2016034814
- 2020-23 Lee Silverman Voice Treatment (LSVT LOUD®) certified administrator
- 2012-15 Pennsylvania License in Speech-Language Pathology #SL010747
- 2015-16 Registered Certified VitalStim® Provider
- 2014-16 Registered National Outcomes Measurement System (NOMS) Participant

## **ACADEMIC APPOINTMENT**

- 2015-23 Assistant Professor and Director of the Neuro-Rehabilitation of Language Laboratory, Department of Speech, Language and Hearing Sciences, Doisy College of Health Sciences, St. Louis, MO

**OTHER PROFESSIONAL EXPERIENCE**

- 2012-15 Medical Speech-Language Pathologist at Magee Rehabilitation Hospital and for RehabCare and Genesis Rehab Services, Philadelphia Metropolitan Area, PA
- 2011 Clinical Fellow, Caring Heart Rehabilitation & Nursing Center, Philadelphia, PA
- 2004-07 Postdoctoral Intramural Research Training Award Fellow, National Institute on Deafness & Other Communication Disorders, National Institutes of Health, Bethesda, MD
- 2002-04 Research Associate, New York University School of Medicine, New York, NY

**GRANTS, AWARDS, AND OTHER FUNDING**Funded

- 2021-4 National Institute on Aging (NIA) R24, The COEQUAL Registry: Creating Opportunities to Increase Health Equity and Equality for Persons at Risk for Alzheimer Disease and Related Dementias, Award# 1R24AG074915-01, \$85,598.00 sub-contract over 3-year total project period, 5% effort. Role: Saint Louis University site Principal Investigator (Principal Investigator: Dr. Joyce E. Balls-Berry, Ph.D., MPE, Washington University's Knight Alzheimer's Disease Research Center).
- 2019-22 Saint Louis University Research Growth Fund Award, Second Cycle. Real-Time Ultrasound Intra-Oral Visual Feedback for Adult Acquired or Degenerative Motor-Speech Disorders, \$75,000. Role: Principal Investigator.
- 2020 Saint Louis University Rapid Response COVID-19 Seed Fund Grant, Advanced Tele-Practice Services for Adult Neurogenic Communication and Swallowing Disorders during the COVID-19 Pandemic, \$17,000. Role: Principal Investigator.
- 2018-19 Geriatric Leadership Scholar Award, Geriatric Workforce Enhancement Program, Saint Louis University Division of Geriatric Medicine, Health Resources & Services Administration of the U.S. Department of Health & Human Services under grant #U1QHP28716 for \$843,079 yearly. \$30,000 salary support; \$5000 conference attendance, travel & professional development. Role: Leader of Cognitive Stimulation Therapy group for low-income African American elders in North St. Louis.
- 2017 Saint Louis University Center for Neuroscience, Summer Supplies Grant for mentorship of Neuroscience Summer Undergraduate Research Fellow (NeuroSURF) Sydney Rosenthal, \$1000. Role: Mentor.
- 2017 Summer Contract, Geriatric Workforce Enhancement Program, Saint Louis University

School of Medicine, Health Resources & Services Administration of the U.S. Department of Health & Human Services grant #U1QHP28716, \$3000. Role: Leader of Cognitive Stimulation Therapy group for low-income African American elders in North St. Louis.

2017 Saint Louis University Office of the Vice President for Research Spark Microgrant, Alliance with Myrtle Hilliard Davis Comprehensive Health Centers to Implement an Interdisciplinary Cognitive Program for Elderly African American Residents of North St. Louis, \$1000. Role: Principal Investigator.

### Funding Raised

2018-22 Patient Donation. Private donation from patient treated in my Neuro-Rehabilitation of Language Laboratory, \$28,000.

### Not Funded

2022 National Institute on Aging R43 Small Business Innovation Research (SBIR) Grant - Phase I, Optimize Constant Therapy for Alzheimer's Disease and Alzheimer's Disease Related Dementias, \$41,106 Sub-Contract. Role: Saint Louis University site Principal Investigator (Principal Investigator: Ehsan Dadgar-Kiani, Chief Data Scientist at Constant Therapy Health, Lexington, MA).

2021 National Institute on Aging R01, The Evolve Study: Evaluating the Intersectionality of Discrimination and Equity on Black/ African Americans' Risk for Alzheimer Disease and Related Dementias, \$57,000 sub-contract, 5-year project, 3% effort. Role: Saint Louis University site Principal Investigator (Principal Investigator: Dr. Joyce Balls-Berry, Ph.D., MPE, Washington University's Knight Alzheimer's Disease Research Center).

2018 Alzheimer's Association Research Grant - New to the Field, Community Group Approach to Dementia in Low-Income African American Elders, \$116,625. Role: Principal Investigator.

2018 Alzheimer's Association Research Grant - New to the Field, iPad Integration into Cognitive Stimulation Therapy for African Americans, \$120,000. Role: Principal Investigator.

2017 Alzheimer's Association Research Grant - New to the Field, Community Healthcare Partnership for African Americans at Risk for Dementia, \$147,444. Role: Principal Investigator.

2017 American Speech-Language-Hearing Association Grant Program for Projects on Multicultural Activities, Implementation of an Interdisciplinary Cognitive-Communicative Program for Elderly Residents of North St. Louis, \$15,000. Role: Principal Investigator.

- 2017 Saint Louis University Health Sciences Small Grant Funding Opportunity, Pilot Study of Computer-Mediated Interventions for Cognitive-Linguistic Decline in Neurodegenerative Disease, \$15,000. Role: Principal Investigator.

## HONORS AND AWARDS

### International

- 2010 Cover illustration of the Journal of Cognitive Neuroscience, June 2010 issue (<http://www.mitpressjournals.org/doi/abs/10.1162/jocn.2009.21261>)
- 2001 Invited Student Presentation Award, Massachusetts Institute of Technology, 8<sup>th</sup> Annual Meeting of the Austronesian Formal Linguistics Association, Cambridge, MA.

### National

- 2023 ASHA Innovator recognition by the American Speech-Language-Hearing Association (ASHA) Innovators Program and President Dr. Robert Augustine, Ph.D., CCC-SLP.
- 2019 Certificate of Appreciation in recognition of contributions to the American Speech-Language-Hearing Association and the professions of speech-language pathology and audiology, presented for service to the Professional Development Committee of Special Interest Group 14 on Cultural & Linguistic Diversity, December 31.
- 2018 Society for Neuroscience Brain Awareness Week Travel Award to undergraduate research assistant Sydney Rosenthal, including complimentary registration to the Society for Neuroscience (SfN) Annual Meeting and \$750 stipend for travel expenses. Sponsored by the SfN and the Faculty for Undergraduate Neuroscience (Postman, W.A., Member). Presented: Rosenthal, S. & Postman, W.A. Cognitive Stimulation Therapy as a Brain Awareness Outreach Program in an Underserved Minority Area of North Saint Louis. Society for Neuroscience Brain Awareness Campaign Event & Faculty for Undergraduate Neuroscience Poster Session, San Diego, November 3-4.
- 2016 Selected for the ASHA Community Member Spotlight, American Speech-Language-Hearing Association, January 28.
- 2015 Selected for Multicultural Concerns Collective (MC2) Celebration "Leading the Way for Cultural Competence in the Professions", American Speech-Language-Hearing Association Convention, Denver, CO, November 12.
- 2014 American Speech-Language-Hearing Association Community Champion
- 2006 National Institutes of Health Fellows Award for Research Excellence, Division of Neuroscience

Regional

- 2019 Memory Care Home Solutions Mission Champion. Recognition of outreach to North St. Louis on behalf of low-income African American elders living with dementia, resulting in referrals for no-cost in-home services by Memory Care Home Solutions. Honor conferred at Memory Care Home Solutions' annual "Swing Into Spring" event, UMB Champions Club, Busch Stadium, May 2.

Local

- 2020 Spirit of the Billiken Mentor, named by Saint Louis University undergraduate student and recipient of the Spirit of the Billiken Award Tayla Slay. Honor conveyed by the Saint Louis University Office of Alumni and Student Engagement.

**FELLOWSHIPS**

- 2016 Attendance at Introductory (Level 1) "Neuromodulation for Rehabilitation Skills" Workshop of The National Center for Neuromodulation for Rehabilitation, Medical University of South Carolina, funded by the National Institutes of Health award #P2CHD086844, Charleston, SC, March 7-11.
- 1999/2000 Cognitive Studies Dissertation Fellowships, Cornell University, Spring
- 1998 John S. Knight Summer Fellowship, Cornell University, for original Freshman Writing Seminar "Biological Foundations of Language"
- 1997/98 Mario Einaudi Center for International Studies, Southeast Asia Program, Cornell University, Research Travel Grants to Indonesia & The Netherlands
- 1996 Consortium for the Teaching of Indonesian, Tuition
- 1995 Linguistic Society of America Summer Institute, Tuition
- 1993 Sage Graduate Fellowship, Cornell University

**PUBLICATIONS (\* denotes supervised Saint Louis University student)**Book Chapter

(To appear) **Postman, W.A.**, Matsuo, H., \*Leisure, K., \*Ferron, R., \*Slay, T., \*Rosenthal, S., & \*Everhart, E. Cultural adaptation of cognitive stimulation therapy for a community of African American elders in North St. Louis. In Wallace, G. (ed.), *Cultural Competence in Neurorehabilitation*, San Diego, CA: Plural Publishing, Inc., with accompanying video content on Simucase® for Speech-Language Pathology ([www.simucase.com](http://www.simucase.com)).

Peer-Reviewed Journal Articles

- 2022 **Postman, W.A.**, Fischer, M., & \*Leisure, K. Cognitive group tackles racial disparities in dementia prevention. *The ASHA Leader*, May-June issue, 6-8, and *The ASHA LeaderLive*. <https://leader.pubs.asha.org/doi/10.1044/leader.AE.27052022.cognition-african-american.6/full/>
- 2022 **Postman, W.A.**, Fischer, M., Dalton, K., \*Leisure, K., \*Thompson, S., \*Sankey, L., & \*Watkins, H. Coupling hearing health with community-based group therapy for cognitive health in low-income African American elders. *Perspectives of the ASHA Special Interest Groups, SIG-8 on Public Health Audiology* 7:387-399.
- 2021 Oberle, A., **Postman W.A.**, & van den Berk-Clark, C. Novel, neuroscience-informed approaches to trauma care in community clinical settings. *Missouri Medicine - the Journal of the Missouri State Medical Association* 118:358-362.
- 2021 **Postman, W.A.**, \*Rosenthal, S., \*Thompson, S., \*Sankey, L., \*Leisure, K., \*Ferron, R., \*Slay, T., & Fischer, M. Forging community partnerships to reduce health disparities in low-income African American elders of North St. Louis at risk for dementia. *Journal of the National Black Association for Speech-Language and Hearing* 16:57-67.
- 2021 Das, S., **Postman, W.A.**, Haboubi, M., Akca, O., Rimmel, K., Carter, A., & Zazulia, A. A case of aphemia following non-dominant sub-insular stroke: Unveiling the Foix-Chavany-Marie phenomenon. *Neurocase* 27:281-286.
- 2020 **Postman, W.A.** & \*Slay, T. Leveraging the history of Black excellence in medicine to promote health equity for Black elders at risk for dementia. *Journal of the National Black Association for Speech-Language and Hearing* 15:45-52.
- 2020 Ball, A. & **Postman, W.A.** Written language usage with pen and technology in adults across generations. *Communication Disorders Quarterly* 43:84-95.
- 2016 **Postman, W.A.** Computer-mediated cognitive-communicative intervention for residents with dementia in a special care unit: An exploratory investigation. *Perspectives of the ASHA Special Interest Groups* 1:68-78.

- 2014 Turkeltaub, P.E., Goldberg, E.M., **Postman-Caucheteux, W.A.**, Palovcak, M., Quinn, C., Cantor, C., & Coslett, H.B. Alexia due to ischemic stroke of the visual word form area. *Neurocase* 20:230-5.
- 2011 **Postman-Caucheteux, W.A.** Some critical concerns for adapting the Bilingual Aphasia Test to Bahasa Indonesia. *Special issue of Clinical Linguistics and Phonetics* 25:619-627.
- 2010 **Postman-Caucheteux, W.A.**, Birn, R., Pursley, R., Butman, J., Solomon, J., Picchioni, D., McArdle, J., & Braun, A. Single-trial fMRI shows contralesional activity linked to overt naming errors in chronic aphasic patients. *Journal of Cognitive Neuroscience* 22:1299-1318.
- 2009 Meltzer, J.A., **Postman-Caucheteux, W.A.**, McArdle, J., & Braun, A. Strategies for longitudinal neuroimaging studies of overt language production. *NeuroImage* 47:745-755.
- 2006 Van Lancker Sidtis, D. & **Postman, W.A.** Formulaic expressions in spontaneous speech of left- and right-hemisphere damaged subjects. *Aphasiology* 20:411-426.
- 2005 Sarno, M.T., **Postman, W.A.**, Cho, Y.S., & Norman, R.G. Evolution of phonemic word fluency performance in post-stroke aphasia. *Journal of Communication Disorders* 38:83-107.
- 2004 **Postman, W.A.** Processing of complex sentences in a case of aphasia in Indonesian: Thematic vs. linear strategies. *Journal of Neurolinguistics* 17:455-489.

#### Encyclopedia Entry

- 2010 Stefanatos, G. & **Postman-Caucheteux, W.A.** The genetics of language. In Koob, G.F., Le Moal, M., & Thompson, R.F. (eds.), *Encyclopedia of Behavioral Neuroscience*, Oxford, UK: Elsevier Science, pp. 583-588.

#### Editor-Reviewed Journal Articles

- 2015 **Postman, W.A.** Guest Editor's Column. *Perspectives on Neurophysiology and Neurogenic Speech and Language Disorders*, 25:44-46.
- 1997 **Postman, W.A.**, Foley, C., Pactovis, J., Rothenstein, B., Kaye, M., Lowe, D. & Lust, B. Children's knowledge of verbal inflection and LF raising: New evidence from elicited production of VP ellipsis structures. *Cornell Working Papers in Linguistics*. Cornell University, Ithaca: CLC Publications, 39-64.

#### Web-Based Publications

- 2012 Clinical Blog for SentenceShaper® Language Therapy Software, with Janet Brodie (<http://sentenceshaper.com/urban-classroom-whitney-anne-postman-phd->

[linguisticsccc-slp-and-janet-brodie-m-a-ccc-slp/](#).

- 2010 Guest post on Talking Brains Blog, "At the Frontiers of Neuro-Aphasiology: Two papers by Julius Fridriksson" (<http://www.talkingbrains.org/2010/01/at-frontiers-of-neuro-aphasiology-two.html>).

#### Conference Proceedings and Abstracts

- 2018 **Postman, W.A.**, & Fischer, M. P2-552: African American elders respond positively to community-based Cognitive Stimulation Therapy group for dementia. *Alzheimer's & Dementia* 14(7S\_Part\_17): 948.
- 2007 **Postman-Caucheteux, W.A.**, Hoffman, S., Picchioni, D., McArdle, J., Birn, R. & Braun, A. Distinct activation patterns for accurate vs. inaccurate naming of actions and objects: An fMRI study with stroke patients with chronic aphasia. *Brain and Language* 103:150-151.
- 2003 **Postman, W.A.** What the Indonesian morphological causative can tell us about aphasic comprehension. *Proceedings of the 9<sup>th</sup> Annual Meeting of the Austronesian Formal Linguistics Association*. Cornell University, Ithaca: CLC Publications, 188-202.
- 2002 **Postman, W.A.** When the sum of the parts doesn't equal the whole: Agrammatic comprehension of complex sentences in Indonesian. *Proceedings of AFLA 8: The 8<sup>th</sup> Meeting of the Austronesian Formal Linguistics Association*. Massachusetts Institute of Technology, Cambridge: MIT Working Papers in Linguistics, 273-291.
- 2001 **Postman, W.A.** Agrammatic aphasic comprehension of thematic role assignment in Indonesian. *Proceedings of the 31<sup>st</sup> Conference of the Northeast Linguistics Society (NELS 31)*. University of Massachusetts, Amherst: GLSA Publications, 407-418.
- 1997 **Postman, W.A.**, Foley, C., Santelmann, L. & Lust, B. Evidence for Strong Continuity: New experimental results of children's acquisition of VP ellipsis and bound variable structures. *Proceedings of the 8<sup>th</sup> Student Conference in Linguistics*. Massachusetts Institute of Technology, Cambridge: MIT Working Papers in Linguistics, 327-344.

#### Other Publication

- 2008 French translation, "Patient Education: Adult Nasopharyngolaryngoscopy", *ORL (Otorhinolaryngology) Head and Neck Nursing* 26:24-5.



## INVITED PRESENTATIONS

### International

- 2019 Low-income African-American elders respond positively to community-based cognitive stimulation therapy. Invited lecture given as part of panel event, “Cognitive Stimulation Therapy for Diverse Populations”, at the 3<sup>rd</sup> International Cognitive Stimulation Therapy Conference. Saint Louis University School of Medicine, St. Louis, MO, June 10.
- 2018 Forging community partnerships to reduce health disparities in African American elders at risk for dementia. Invited lecture for “Topics in Cultural and Linguistic Diversity”, The American Speech-Language-Hearing Association convention, Boston, MA, November 15.
- 2001 When the sum of the parts doesn't equal the whole: Agrammatic comprehension of complex sentences in Indonesian. Invited conference paper, presented at the 8<sup>th</sup> Annual Meeting of the Austronesian Formal Linguistics Association, Massachusetts Institute of Technology, Cambridge, MA, April 27-29.

### Regional

- 2020 Why now is the best time ever to study the neural substrate of motor-speech performance in neurologically intact individuals and in cases of stroke, brain injury and fronto-temporal degeneration. Keynote address for the 5<sup>th</sup> Annual UMSL Neuroscience Research Showcase, University of Missouri—St. Louis, St. Louis, MO, November 13.
- 2012 Top 10 wishes of a medical speech-language pathologist working in rehab-nursing centers. Crozer Keystone Center for Geriatric Medicine, Chester, PA, August 14.
- 2010 fMRI Studies with error analyses of overt picture-naming by stroke patients with chronic aphasia. Labs of Dr. Murray Grossman, M.D. & Dr. Roy Hamilton, M.D., University of Pennsylvania, Philadelphia, PA, January 21/October 1.
- 2009 Contralesional activity linked to overt naming errors in chronic aphasic patients. Research Colloquium, Department of Communicative Sciences and Disorders, New York University, New York, NY, November 4.
- 2008 Single-trial fMRI demonstrates contralesional activity selectively associated with naming errors in chronic aphasic patients. Monthly Cog Lab meeting, Moss Rehabilitation Research Institute, Philadelphia, PA, March 26.
- 2007 When right is wrong: An fMRI study of overt naming in patients with aphasia. Department of Communication Sciences & Disorders, Temple University, Philadelphia, PA, January 26.
- 2006 Psycholinguistic analysis of PET imaging data with an ecologically valid task. Hearing & Speech Sciences Department, University of Maryland, College Park, MD; Communicative

Sciences & Disorders Department, New York University, New York, NY, April 12, 21.

2005 Deconstructing discourse: A PET study of narrative production. Neurocognition of Language Lab, Columbia University, New York, NY, November 28.

### State

2016 Functional assessment and approach to fall reduction. Pre-Conference Session at the 26<sup>th</sup> Annual Caring for the Frail Elderly Conference, sponsored by the University of Missouri School of Medicine, Columbia, MO, August 19.

### Local

- 2019 Real-time ultrasound intra-oral visual feedback for adult acquired or degenerative motor-speech disorders. Invited talk, Biomedical Engineering Seminar Series, Parks College of Engineering, Aviation & Technology, Saint Louis University, St. Louis, MO, June 27.
- 2018 Motor-speech and language decline in fronto-temporal degeneration. 29<sup>th</sup> Annual Saint Louis University Summer Geriatric Institute, Saint Louis University School of Medicine, St. Louis, MO, June 4.
- 2017 Treatment of speech and swallowing in older adults, 28<sup>th</sup> annual Saint Louis University Summer Geriatric Institute, Workshop J. Saint Louis University School of Medicine, St. Louis, MO, June 6.
- 2017 An exploratory implementation of an interdisciplinary cognitive program for elderly residents of North St. Louis, Geriatrics Grand Rounds, Division of Geriatric Medicine, Saint Louis University School of Medicine, St. Louis, MO, April 19.
- 2017 What geriatricians should know about motor-speech disorders in neurodegenerative diseases. Division of Geriatric Medicine, Geriatrics Didactic Session, Saint Louis University School of Medicine, St. Louis, MO, April 19.
- 2016 Neuroimaging studies of recovery in aphasia: Why now is the best time ever for interdisciplinary approaches to neuro-rehabilitation of speech and language. Neurology Grand Rounds, Department of Neurology, Saint Louis University School of Medicine, St. Louis, MO, April 7.
- 2016 (Almost) Everything a neurology resident could ever wish to know about aphasia. Neurology Didactic Session, Neurology Residency Program, Saint Louis University School of Medicine, St. Louis, MO, February 29.
- 2016 Presbyphagia; or, Why SLP's and dietitians need each other now more than ever. Department of Nutrition and Dietetics Geriatrics Day, Saint Louis University Department of Nutrition and Dietetics, St. Louis, MO, February 1.

**CLINICAL IN-SERVICES AND SEMINARS**National

2016 Montessori and spaced retrieval: Techniques to enhance interventions for individuals with cognitive decline. ASHA Special Interest Group 15 on Gerontology live online chat, with Jennifer A. Brush, MA/CCC-SLP and Jeanette E. Benigas, Ph.D./CCC-SLP, August 30.

Local

2021 Introduction to motor-speech disorders in fronto-temporal dementia. Neuro@Noon Interdisciplinary Neuroscience Journal Club, Henry and Amelia Nasrallah Center for Neuroscience at Saint Louis University, St. Louis, MO, February 4.

2019 Real-time ultrasound intra-oral visual feedback for adult acquired or degenerative motor-speech disorders. All College Meeting Research Roundup, Doisy College of Health Sciences, St. Louis, MO, December 5.

2017 Introduction to motor-speech disorders for “Components of Effective Communication and Teaching” graduate course led by Dr. Kim Levenhagen, PT, DPT, WCC & Dr. Sarah Scholtes, PT, DPT, Ph.D., Physical Therapy and Athletic Training, Doisy College of Health Sciences, Saint Louis University, St. Louis, MO, April 4.

2016 The Voice. SLU Fine & Performing Arts Dept, with Y. Evans, St. Louis, MO, January 22.

2015 Presbyphonia and presbyphagia. Independent Study Seminar, SLU Department of Communication Sciences & Disorders, St. Louis, MO, December 7.

2015 Assistive technology in communication sciences and disorders. “Clinical Methods” course taught by Jean Evans, SLU Department of Communication Sciences & Disorders, St. Louis, MO, November 24.

2013 Using technology to support spoken language in aphasia. “Neurolinguistic and Cognitive Disorders” course taught by Dr. Angel Ball, Texas A&M University- Kingsville, TX, April 3.

2012 Speech-language pathology intervention for end-of-life adults. “Counseling Seminar in Communication Disorders” course taught by Dr. Evelyn Klein, La Salle University, Philadelphia, PA, October 18.

2010 Acquired alexia and agraphia. Dan Aaron Parkinson’s Rehabilitation Center, Pennsylvania Hospital, Philadelphia, PA, August 27.

2010 SentenceShaper in the schools. “Foundations and Management in Augmentative and Alternative Communication” course taught by Joy McGowan, Temple University, Philadelphia, PA, July 14.

**CONFERENCE PARTICIPATION: PEER-REVIEWED PRESENTATIONS**Conference Paper, International

- 2007 **Postman-Caucheteux, W.A.**, Birn, R., Pursley, R., Butman, J., McArdle, J., Xu, J., Jeff Solomon, & Braun, A. When right is wrong: An fMRI study of overt naming in patients with aphasia. 81<sup>st</sup> Linguistic Society of America Meeting, Anaheim, CA, January 4.

Conference Posters, International

- 2022 **Postman, W.A.**, Dugan, S., Boyce, S., Preston, J., Daniels, S., Hill, E., Taylor, B., & Atzemis, M. Ultrasound intra-oral visual feedback for an adult case of stroke-induced apraxia of speech. Poster presented at the ASHA Convention, New Orleans, LA, November 17.
- 2022 **Postman, W.A.**, Caldwell, E., Slay, T., Everhart, E. Overcoming pandemic-related obstacles to support the health and wellness of African American elders. Poster presented at the ASHA Convention, New Orleans, LA, November 19.
- 2019 Ferron, R., Leisure, K., & **Postman, W.A.** Cognitive Stimulation Therapy promotes new word learning in an underserved African American population. American Speech-Language-Hearing Association Convention, Orlando, FL, November 23.
- 2019 Leisure, K., Ferron, R., Fischer, M., & **Postman, W.A.** Speech-language pathologists' leadership of a cognitive stimulation therapy protocol for underserved African American elders. American Speech-Language-Hearing Association Convention, Orlando, FL, November 22.
- 2019 Leisure, K., Ferron, R., Fischer, M., & **Postman, W.A.** Speech-language pathologists' leadership of a cognitive stimulation therapy protocol for underserved African American elders. Poster presented at the 3<sup>rd</sup> International Cognitive Stimulation Therapy Conference. Saint Louis University School of Medicine, St. Louis, MO, June 10.
- 2019 Ferron, R., Leisure, K., & **Postman, W.A.** Cognitive Stimulation Therapy promotes new word learning in an underserved African American population. Poster presented at the 3<sup>rd</sup> International Cognitive Stimulation Therapy Conference. Saint Louis University School of Medicine, St. Louis, MO, June 10.
- 2018 Sankey, L., Carter, A.R., & **Postman, W.A.** Rhythmic entrainment with multimodal biofeedback for acute post-stroke apraxia of speech: An exploratory study. American Speech-Language-Hearing Association Annual Convention, Boston, MA, November 16.
- 2018 Thompson, S., Sankey, L., Berg-Weger, M., & **Postman, W.A.** An interdisciplinary dementia program for elderly African American residents of North St. Louis. American Speech-Language-Hearing Association Annual Convention, Boston, MA, November 16.

- 2018 Rosenthal, S. & **Postman, W.A.** Cognitive Stimulation Therapy as a brain awareness outreach program in an underserved minority area of North Saint Louis. Society for Neuroscience Conference Brain Awareness Campaign Event & Faculty for Undergraduate Neuroscience Poster Session, San Diego, CA, November 3-4.
- 2018 **Postman, W.A.** & Fischer, M.M. African American elders respond positively to community-based Cognitive Stimulation Therapy group for dementia. Alzheimer's Association International Conference, Chicago, IL, July 23.
- 2016 Ball, A., **Postman, W.A.**, & Garcia, M. Generational behaviors in written language: Preference and usage of writing format & technology in adults. American Speech-Language-Hearing Association Annual Convention, Philadelphia, PA, November 17.
- 2009 **Postman-Caucheteux, W.A.** & Meltzer, J. fMRI study with error analysis of overt action naming by people with chronic aphasia. 47<sup>th</sup> Academy of Aphasia Meeting, Boston, MA, October 18-20.
- 2009 **Postman-Caucheteux, W.A.** & Meltzer, J. fMRI study with error analysis of overt action naming by people with chronic aphasia. 47<sup>th</sup> Academy of Aphasia Meeting, Boston, MA, October 18-20.
- 2007 **Postman-Caucheteux, W.A.**, Birn, R., Pursley, R., Butman, J., McArdle, J., Xu, J., Jeff Solomon, & Braun, A. When right is wrong: An fMRI study of overt naming in patients with aphasia. 14<sup>th</sup> Annual Cognitive Neuroscience Society Meeting, New York, NY, May 5-8.
- 2007 **Postman-Caucheteux, W.A.**, Hoffman, S., Picchioni, D., McArdle, J., Birn, R. & Braun, A. Distinct activation patterns for accurate vs. inaccurate naming of actions and objects: An fMRI study with stroke patients with chronic aphasia. 45<sup>th</sup> Academy of Aphasia Meeting, Washington, DC, October 21-23.
- 2004 Van Lancker Sidtis, D., **Postman, W.A.**, & Glosser, G. Feast or famine: Fixed Expressions in the spontaneous speech of left & right hemisphere-damage. 42<sup>nd</sup> Academy of Aphasia Meeting, Chicago, IL, October 17-19.
- 2003 **Postman, W.A.** Memory disturbances and comprehension of verbal suffixes: A case study of fluent aphasia in Indonesian. 41<sup>st</sup> Academy of Aphasia Meeting, Vienna, Austria, October 19-21.
- 2003 Sarno, M.T., **Postman, W.A.**, Cho, Y.S., & Norman, R.G. Long-term effects of therapeutic intervention on phonemic word fluency in post-stroke aphasia. Aphasia Therapy Workshop, Vienna, Austria, October 22-23.
- 2003 **Postman, W.A.** Working memory disturbances and verbal suffix processing: Case study of aphasia in Indonesian. 4<sup>th</sup> Science of Aphasia Conference, Trieste, Italy, August 22-27.

Conference Posters, National

- 2010 Morse, C.L, Gallo, J.L., Douglas L. Chute, D.L., & **Postman-Caucheteux, W.A.** "Dystextia" as an isolated typing impairment. 8<sup>th</sup> Conference of the American Academy of Clinical Neuropsychology, Chicago, IL, June 17-19.
- 2006 **Postman-Caucheteux, W.A.**, Solomon, J., Maisog, J., Chapman, S.B., Tuttle, S., Christian, M.R., Milosky, L. & Braun, A. Deconstructing discourse: A PET study of narrative production. 19<sup>th</sup> CUNY Conference on Human Sentence Processing, New York, NY, March 23-25.
- 2003 **Postman, W.A.** Processing of complex sentences in a case of aphasia in Indonesian: Thematic vs. linear strategies. 16<sup>th</sup> CUNY (City University of New York) Conference on Human Sentence Processing, Massachusetts Institute of Technology, Cambridge, MA, March 27-29.

Conference Posters, Regional

- 2019 Sankey, L., Rosenthal, S., Thompson, S., Fischer, M., & **Postman, W.A.** Tablet-based intervention for African Americans at risk for dementia from a low-income community in North St. Louis. "From Clinical Discovery to Community Impact" Symposium, Washington University Institute of Clinical and Translational Sciences, St. Louis, MO, January 15.
- 2019 Rosenthal, S., Thompson, S., Sankey, L., Fischer, M., & **Postman, W.A.** Low-income African American elders respond positively to community-based Cognitive Stimulation Therapy in The Ville neighborhood of North St. Louis. "From Clinical Discovery to Community Impact" Symposium, Washington University Institute of Clinical and Translational Sciences, St. Louis, MO, January 15.
- 2019 Thompson, S., Sankey, L., Rosenthal, S., **Postman, W.A.**, & Fischer, M. Increasing program compliance by incorporating intervention for hearing loss into a community-based Cognitive Stimulation Therapy group for low-income elders of North St. Louis. "From Clinical Discovery to Community Impact" Symposium, Washington University Institute of Clinical and Translational Sciences, St. Louis, MO, January 15.

Conference Posters, State

- 2019 Sankey, L. & **Postman, W.A.** Rhythmic entrainment with biofeedback for acute post-stroke apraxia of speech. Missouri Speech-Language-Hearing Association Convention 60<sup>th</sup> Diamond Jubilee, "Many Voices: One MSHA", Osage Beach, MO, April 7.

Conference Posters, Local

- 2022 **Postman, W.A.**, Daniels, S., Hill, E., & Atzemis, M. Ultrasound intra-oral visual feedback for an adult case of stroke-induced apraxia of speech. Poster presented at the 4<sup>th</sup> Annual Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, Busch Student Center, St. Louis, MO, November 2.
- 2020 Boland, K., & **Postman, W.A.** Conversational therapy via Telemedicine during the COVID-19 pandemic for acquired apraxia of speech due to stroke. Virtual presentation at the 2<sup>nd</sup> Annual Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, Saint Louis University School of Medicine, St. Louis, MO, November 13.
- 2020 Carr, N., & **Postman, W.A.** Conversational training therapy for flaccid dysarthria/dysphonia in geriatric Myasthenia Gravis through Telemedicine during the COVID-19 pandemic. Virtual presentation at the 2<sup>nd</sup> Annual Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, Saint Louis University School of Medicine, St. Louis, MO, November 13.
- 2020 Eicken, E., & **Postman, W.A.** Respiratory muscle training for flaccid dysarthria and dysphonia in geriatric Myasthenia Gravis through Telemedicine during the COVID-19 pandemic. Virtual presentation at the 2<sup>nd</sup> Annual Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, Saint Louis University School of Medicine, St. Louis, MO, November 13.
- 2020 Goldschmidt, L., & **Postman, W.A.** Sound Production Treatment amidst the COVID-19 pandemic via Telemedicine for acquired apraxia of speech due to stroke. Virtual presentation at the 2<sup>nd</sup> Annual Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, Saint Louis University School of Medicine, St. Louis, MO, November 13.
- 2019 Ferron, R., Leisure, K., & **Postman, W.A.** Cognitive Stimulation Therapy promotes new word learning in an underserved African American population. Poster presented at the inaugural Henry and Amelia Nasrallah Center for Neuroscience Research Symposium. Saint Louis University School of Medicine, St. Louis, MO, November 1.
- 2019 Leisure, K., Ferron, R., Fischer, M., & **Postman, W.A.** Speech-Language Pathologists' leadership of a Cognitive Stimulation Therapy protocol for underserved African American elders. Poster presented at the inaugural Henry and Amelia Nasrallah Center for Neuroscience Research Symposium. Saint Louis University School of Medicine, St. Louis, MO, November 1.
- 2019 Slay, T.J., Ferron, R., Leisure, K., & **Postman, W.A.** Symbolic significance of the historic setting of Homer G. Phillips Hospital in a group intervention for African American elders at risk of dementia. Poster presented at the inaugural Henry and Amelia Nasrallah Center for Neuroscience Research Symposium. Saint Louis University School

of Medicine, St. Louis, MO, November 1.

- 2017 Rosenthal, S., & **Postman, W.A.** The neuroscience of aging: Applying Cognitive Stimulation Therapy to underserved minority elders of North St. Louis. 3<sup>rd</sup> Annual SLU Neuroscience Symposium, St. Louis, MO, November 3.
- 2017 Stagge, F., Threats, T.T., & **Postman, W.A.** Application of the International Classification of Functioning, Disability and Health (ICF) to neurogenic motor-speech disorders. 3<sup>rd</sup> Annual Saint Louis University Neuroscience Symposium, St. Louis, MO, November 3.
- 2017 **Postman, W.A.** iPad-based cognitive-communicative intervention for a resident with moderate dementia in a special care unit: An exploratory investigation. International Nursing Home Conference of the Nursing Home Research International Working Group, Saint Louis University Learning Resources Center, St. Louis, MO, October 13.
- 2017 **Postman, W.A.**, Fischer, M., Tebb, S., & Berg-Weger, M. Partnership with Myrtle Hilliard Davis Comprehensive Health Centers to implement an interdisciplinary dementia program for elderly African American residents of North St. Louis. Making a Difference in North St. Louis Symposium, Il Monastero, St. Louis, MO, April 3.
- 2017 **Postman, W.A.**, & Herrmann, B. Computer-mediated interventions for motor-speech and language decline in neurodegenerative disease. Doisy College of Health Sciences Scholarship Symposium, Saint Louis University, St. Louis, MO, February 3.
- 2016 Herrmann, B., & **Postman, W.A.** Acquired alexia: Implications of the “Visual Word Form Area” for rehabilitation of reading, Second Annual Saint Louis University Neuroscience Symposium, St. Louis, MO, November 4.
- 2015 Marino, C.C., & **Postman, W.A.** When right is wrong and why we should care: An fMRI study of language production in aphasia due to stroke. First Annual SLU Neuroscience Symposium, Saint Louis University, St. Louis, MO, October 30.
- 2009 **Postman-Caucheteux, W.A.** Neural basis of language in healthy elderly women and stroke patients with aphasia. 5<sup>th</sup> Annual Women's Health Research Symposium, Temple University, Philadelphia, PA, March 26.

## ADVOCACY AND MEDIA CONTRIBUTIONS

### National

- 2019 Blog post, “Group sessions in St. Louis offer hope and help to African Americans at risk of cognitive decline”, on the Diverse Elders Coalition website, March 14: <https://www.diverseelders.org/2019/03/14/group-sessions-in-st-louis-offer-hope-and-help-to-african-americans-at-risk-of-cognitive-decline/>



- 2016 Cited in "How a Curious Condition Solved a Neuroscientific Mystery" by Daniel Barron, PhD/MD for *Scientific American MIND* guest blog on neural substrate for reading (Visual Word Form Area), August 22:  
<http://blogs.scientificamerican.com/mind-guest-blog/how-a-curious-condition-solved-a-neuroscientific-mystery/>
- 2015 Quoted for the featured question-answer page, "The ASHA Leader Asked: What's your go-to cognitive resource for clients with TBI (Traumatic Brain Injury)?" *The ASHA Leader* 20(12): 61.
- 2015 Featured (with photograph) in "Sign Up for Online Academic-Research Career Mentoring Program". *The ASHA Leader* 20(8): 72.

### Regional

- 2021 Invited interview on FOX 2 News KTVI's "The Pulse of St. Louis" with news anchor Shirley Washington, about my Cognitive Stimulation Therapy group for African American elders of North St. Louis, aired on KPLR News 11, July 24, and on FOX 2 News, July 25 (<https://youtu.be/ck6BgrQdwaA>).
- 2015 Proclamation signed by Mayor Michael Nutter of June as Aphasia Awareness Month in Philadelphia; presented to Magee Rehabilitation Hospital's Aphasia Community Support Group (<http://blog.mageerehab.org/2015/06/09/magee-support-group-celebrates-aphasia-awareness-month/>).
- 2014 Proclamation signed by Mayor Michael Nutter of June as Aphasia Awareness Month in Philadelphia, for Magee Rehabilitation Hospital's Aphasia Community Support Group (<http://blog.mageerehab.org/2014/06/13/what-do-you-know-about-aphasia/>).
- 2004 Promoted June as Aphasia Awareness Month as guest speaker on Montgomery County Public Access television, Maryland.
- 2001 Public event, "Stroke and Aphasia Awareness Talk: Prevention, Therapy and Rehabilitation", with Joe Zanfordino at Southside Community Center. Proclamation of June as National Aphasia Awareness Month in Ithaca, signed by Mayor Alan Cohen.
- 2000 Interview on Ithaca's Television NewsCenter 7 "In Your Health" for National Aphasia Awareness Month. "Tompkins County Prepares for National Aphasia Awareness Month 2000" published in Ithaca Today. Proclamation of June as National Aphasia Awareness Month in Ithaca, signed by Mayor Alan Cohen.

### Local

- 2022 "SLU SLHS Students Recognize the Perseverance of Indigenous Peoples in the Wake of the COVID-19 Pandemic", story posted to Doisy College of Health Sciences news &

events about class project by undergraduate students in “Cultural & Linguistic Diversity for the Communication Sciences” course for Atlas Week 2022, May 3.  
<https://www.slu.edu/doisy/doisy-news/2022/slhs-students-honor-indigenous-peoples.php>

- 2021 “SLU Team Tackles Hearing Loss, Cognitive Decline in African Americans” by Bridjes O'Neil of SLU's Division of Marketing and Communications. Summarized joint services between my Cognitive Stimulation Therapy group for African American elders of North St. Louis and SLU Audiologist Maureen Fischer's HearSTL program, in partnership with Hearing Charities of America's Hearing Aid Project, to provide free hearing health services, including free hearing aids if needed, to my group participants presenting with hearing loss. Press release live on SLU website September 13.
- 2020 Neuro-Rehabilitation of Language Lab featured in “Grand Rounds: The Issue of Neuroscience, Diversity, Equity and Inclusion” Saint Louis University School of Medicine Alumni Magazine: “Remembering the Past, Nurturing the Future”, pp. 10-11.  
<https://www.slu.edu/medicine/grand-rounds/fall-2020/slu-grand-rounds-magazine-fall-2020.pdf> and <https://www.slu.edu/medicine/grand-rounds/fall-2020/remembering-the-past-helping-to-nurture-the-future.php>

## PROFESSIONAL ORGANIZATIONS

- 2019-23 National Black Association for Speech-Language and Hearing
- 2013-23 Academy of Neurological Communication Disorders and Sciences
- 2018-23 Institute of Clinical and Translational Sciences at Washington University, National Institutes of Health Mock Study Section participant for grant proposal, “Community Group Approach to Dementia in Low Income African American Elders” (2019).
- 2018-23 Henry and Amelia Nasrallah Center for Neuroscience, Saint Louis University
- 2021-23 Haitian Caucus of the American Speech-Language-Hearing Association
- 2021-23 American Speech-Language-Hearing Association Special Interest Groups 8 & 18, Public Health Audiology & Telepractice
- 2016-21 Geriatric Workforce Enhancement Program, Saint Louis University School of Medicine
- 2021 American Speech-Language-Hearing Association Special Interest Group 19, Speech Science
- 2018-19 Faculty for Undergraduate Neuroscience

- 2018-19 International Society to Advance Alzheimer's Research and Treatment
- 2016-18 The National Center for Neuromodulation for Rehabilitation at the Medical University of South Carolina, Member of NM4R Research Community
- 2016-19 American Speech-Language-Hearing Association Special Interest Group 14, Cultural and Linguistic Diversity
- 2015-17 Saint Louis University Center for Neuroscience
- 2015-16 American Speech-Language-Hearing Association Special Interest Group 15, Gerontology
- 2013-16 American Speech-Language-Hearing Association Special Interest Group 2, Neurophysiology & Neurogenic Speech-Language Disorders
- 2014-22 AphasiaBank
- 2014-17 Aphasia United
- 2013 Special Interest Group 10, Issues in Higher Education
- 2001-15 National Aphasia Association
- 2010 Philadelphia Neuropsychological Society
- 2003-09 Academy of Aphasia
- 2006 Cognitive Neuroscience Society
- 1998-2007 Linguistic Society of America

## **PROFESSIONAL SERVICE**

### International

- 2017-19 Reviewer for Alzheimer's Association Research Fellowship (AARF) Program
- 2010-18 Peer reviewer for *Brain* (Oxford University Press)
- 2011-16 Peer reviewer for *Aphasiology* and *Neurocase* (Psychology Press, Taylor & Francis)
- 2006-15 Peer reviewer for *Brain and Language* and *NeuroImage* (Elsevier)

National

- 2023-25 Editor of the National Black Association for Speech-Language and Hearing (NBASLH)'s *Resound*))) Newsletter and Chair of NBASLH's *Resound*))) Committee.
- 2022-23 Academy of Neurologic Communication Disorders and Sciences (ANCDS), Member of Diversity Writing Committee, "Evidence Based Practices Associated with the Clinical Management of Diverse Neurogenic Populations" chaired by Dr. Gloriajean Wallace, Ph.D., M.Div., CCC-SLP, BC-ANCDS. The focus of this committee is to identify the scope of evidence-based speech-language pathology practices available to promote equity of care for people with neurogenic disorders who are from diverse communities. Projects and publications from this committee will be posted on the ANCDS website in the *ANCDS Authored Reviews* resource.
- 2017-19 Editorial Board Member for the *Journal of Speech-Language-Hearing Research* and the *American Journal of Speech-Language Pathology*.
- 2018 Reviewer for Pilot Grant Funding Program of the National Center of Neuromodulation for Rehabilitation, Medical University of South Carolina.
- 2016-19 Professional Development Management Committee, American Speech-Language-Hearing Association Special Interest Group 14 on Cultural and Linguistic Diversity.
- 2015 Guest Editor for *Perspectives on Neurophysiology and Neurogenic Speech & Language Disorders*, special issue on topics in Pharmacology for speech-language pathologists.
- 2015 *Contemporary Issues in Communication Science and Disorders* (National Student Speech Language Hearing Association), and the online journal of the Ohio Speech-Language-Hearing Association *eHEARSAY*.
- 2014 Mentor for Student Fellow Abby Greenhaw from the University of Tulsa at the Academy of Neurologic Communication Disorders & Sciences meeting, Orlando, FL, November 19.
- 2004 Reviewer for National Science Foundation

Regional

- 2021-23 Academic Advisor to the Governance Board for Dr. Joyce Balls-Berry's COEQUAL Registry. COEQUAL refers to Dr. Balls-Berry's National Institute on Aging-funded grant, "The COEQUAL Registry: Creating Opportunities to Increase Health Equity and Equality for Persons at Risk for Alzheimer's Disease and Related Dementias", conducted by her Health Equity and Disparities Core at the Knight Alzheimer's Disease Research Center, Department of Neurology, Washington University School of Medicine, St. Louis, MO.

2022 Arranged a focus group session with selected participants of my Cognitive Stimulation Therapy group for the FOREVER Dementia Study led by Dr. Jonathan Jackson, Ph.D., director of the Community Access, Recruitment, and Engagement (CARE) Research Center at Massachusetts General Hospital and Harvard Medical School. The focus group was conducted at the Knight Alzheimer's Disease Research Center, Department of Neurology, Washington University School of Medicine, St. Louis, MO, October 14.

### State

2014 Consultant on technical presentation, "Computer-based language intervention with Sentenceshaper® after right hemispherectomy in an 11-year-old male", by Alex Ledbetter and Karee Anderson, at Oregon Speech-Language Hearing Association (OSHA) convention, Eugene, OR.

### Local

2009 Technical Support for installation of SentenceShaper® Beta Software at Temple University Speech-Language-Hearing Center with Marcia Linebarger, for first-time use with children, Philadelphia, PA.

2002 Conference Organization for 9<sup>th</sup> Annual Meeting of the Austronesian Formal Linguistics Association (AFLA 9), Cornell University, Ithaca, NY.

## **CLINICAL SERVICE**

2021 Hosted a virtual screening and panel discussion of the documentary film "In Our Right Mind: Alzheimer's and Dementia's Impact on Communities of Color", by filmmaker, journalist and attorney Renée Chenault-Fattah, in partnership with Washington University's Knight Alzheimer's Disease Research Center. Supported by the Nasrallah Center for Neuroscience, I and four SLU SLHS graduate students arranged this event on SLU campus. Our participants were four African American elders from my brain health group in North St. Louis, and Northside's Senior Center Director. Attendees shared that the film and panel discussion sparked their interest in: learning more about Alzheimer disease and related dementia (ADRD); participating in ADRD research and medical screening; ADRD advocacy and raising awareness of ADRD's impact on African Americans, October 30.

2017-21 Accepted referrals for comprehensive evaluations of motor-speech, voice, language, cognition, and augmentative-alternative communication in 8 adult cases of acquired or degenerative neurogenic cognitive-linguistic disorders from Dr. Alexandre Carter, M.D./Ph.D. and Dr. Nupur Ghoshal, M.D./Ph.D. of Washington University School of Medicine's Neurology Department, and Dr. David Carr, M.D., Alan A. & Edith L. Wolff Distinguished Professor of Geriatric Medicine at Washington University School of Medicine. Etiologies have included stroke, traumatic brain injury, Primary Progressive

Aphasia, Alzheimer's disease, and late-onset Myasthenia Gravis.

- 2017-21 Through my Cognitive Stimulation Therapy group for African American elders of North St. Louis on the grounds of the former historically black Homer G. Phillips Hospital, coordinated 12 referrals of cases of suspected hearing loss based on screening results to the Audiology Clinic of Saint Louis University audiologist Maureen Fischer.
- 2020 -21 Referral with ongoing care coordination consultations of undergraduate student who stutters to adjunct professor Russell Jaffe, J.D., M.A., CCC-SLP.
- 2019 Successful referral for persistent post-stroke seizures of patient from case study in my Neuro-Rehabilitation of Language Lab to Dr. Heather M. Clark, Ph.D., Chair of the Division of Speech Pathology, Department of Neurology, Mayo Clinic College of Medicine, Rochester, MN. Correspondence completed May 11. Initial patient visit occurred June 11. Epilepsy Monitoring Unit stay initiated June 24.
- 2019 Trained Research Coordinator Tina Nolte from lab of Dr. Nupur Ghoshal, M.D./Ph.D. of Washington University School of Medicine's Neurology Department on analysis of speech-language data collected from the speech-language sections of the National Alzheimer's Coordinating Center Fronto-Temporal Lobar Degeneration (FTLD) Module ([https://www.alz.washington.edu/WEB/forms\\_ftld.html](https://www.alz.washington.edu/WEB/forms_ftld.html)), February 13.

## UNIVERSITY SERVICE

### University

- 2019-21 Chair of the Advocacy & Outreach Committee, Henry & Amelia Nasrallah Center for Neuroscience
- 2021 Invited and introduced Dr. Nupur Ghoshal, M.D./Ph.D., Associate Professor, Departments of Neurology & Psychiatry and Knight Alzheimer Disease Research Center at Washington University's School of Medicine, for her presentation "Frontotemporal Dementia (FTD): Advances and Applications", at the Henry & Amelia Nasrallah Center for Neuroscience quarterly meeting, May 21.
- 2021 Judge for the Graduate Student Association Research Symposium (virtual posters via Genographics conference platform), April 30.
- 2020 Judge for the Second Annual Henry & Amelia Nasrallah Center for Neuroscience at SLU Research "Neuro Day" Symposium, November 9-13.
- 2020 Invited and introduced Dr. Joyce Balls-Berry, Ph.D., MPE, Associate Professor of Neurology at Washington University's School of Medicine and Core Leader for the Health Disparities and Equity Core in the Knight Alzheimer Disease Research Center,

for her presentation on her newly established Health Disparities and Equity Core at the Henry & Amelia Nasrallah Center for Neuroscience quarterly meeting, August 21.

- 2019 Judge for poster presentations at the First Annual Henry & Amelia Nasrallah Center for Neuroscience Research Symposium, November 1.
- 2019 Judge for the Fall 2019 Interprofessional Geriatric Case Competition, October 28.
- 2019 Judge for Saint Louis University Graduate Research Symposium, Busch Student Center, April 26.
- 2018 Judge for the Fall 2018 Interprofessional Geriatric Case Competition, October 29.
- 2017 Judge for the Fall 2017 Interprofessional Geriatric Case Competition, October 30.
- 2016 Judge for the Fall 2016 Interprofessional Geriatric Case Competition, October 27.
- 2016 Student Recruiter, Student Interprofessional Geriatric Interest Group, Saint Louis University Gateway Geriatric Education Center, March 29.
- 2016 Faculty Coach for graduate students' team in the Interprofessional Geriatric Case Competition, SLU Gateway Geriatric Education Center, January 11-February 2.

### College

- 2019-22 Diversity and Inclusion Committee, led by Jesús García-Martínez, MD, Ph.D.
- 2021-22 Saint Louis University's Doisy College of Health Sciences Summer Scholars Health Care Exploration Camp for under-represented and under-resourced high schools students, Co-Organizer and Instructor, June 7-11 (2021, virtual), June 12-18 (2022, on campus).
- 2020-22 Faculty Council, Department of Speech, Language & Hearing Sciences Representative
- 2019 Represented Department of Speech, Language & Hearing Sciences, as host of Scholarship on Tap, Doisy College of Health Sciences, October 25.
- 2016 Inter-Professional Education 1100 Professions Panel, September 28.

### Department

- 2020 In response to COVID-19 pandemic-induced cancellations of clinical practicums, voluntarily coordinated Telemedicine sessions to supervise 10 graduate students during over 300 hours of tele-practice for disorders of motor-speech, voice, language and cognition in cases of adult neurogenic cognitive-linguistic disorders, May-December.
- 2020 Invited six stakeholders to the Community Open Forum for the accreditation site visit

by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA), February 27: Motor-speech disorders intervention study participant with apraxia of speech secondary to stroke and his wife (also donors to my lab); two participants of my Cognitive Stimulation Therapy group for African American elders of North St. Louis; Research and service collaborator Andrew Oberle, MHA, MA, Oberle Institute Executive Director, Department of Surgery-School of Medicine, The Red and Charline McCombs Fellow for the Improvement of Trauma Care; and Research collaborator Dr. Max Zubatsky, Ph.D., LMFT, Associate Professor & Program Director, Medical Family Therapy Program, Department of Family & Community Medicine.

- 2019 Participated in and photographically documented fundraising event at Blaze Pizza on behalf of Saint Louis University's Paul C. Reinert, S.J. Speech-Language and Hearing Clinic, September 12. Photographs shared publicly on departmental social media page.
- 2017-21 Referred 20 cases of adult neurogenic cognitive-linguistic disorders from diverse backgrounds to Saint Louis University's Paul C. Reinert, S.J. Speech-Language and Hearing Clinic.
- 2017-21 Supervised 25 undergraduate students in need of clinical observation hours across settings with individual patients in my lab or via telepractice, and during group therapy sessions in community setting.
- 2017-18 Supervised 8 graduate students and 5 undergraduate students during on-site hearing screenings for African American adults at Care STL Health's Martin Luther King, Jr. Drive and Whittier (Homer G. Phillips Hospital) locations.
- 2019 Co-hosted Dr. Raquel Anderson, Ph.D. of Indiana University-Bloomington, during visit to Saint Louis University for the Lynda R. Campbell Ph.D. Memorial Lecture - Topics in Diversity, April 25-26.
- 2018 Co-hosted Dr. Joan C. Payne, Ph.D., Professor Emerita from Howard University, during visit to Saint Louis University for the Lynda R. Campbell Ph.D. Memorial Lecture - Topics in Diversity, April 27.
- 2017 Supervised 5 graduate students and 1 undergraduate student during Geriatric Assessment Clinic at the Saint Louis University School of Medicine's Health Resource Center in North St. Louis and community-based locations, including the O'Fallon Missouri YMCA.
- 2017 Substitute-taught CSDI 4500 - Neurological Basis of Communication on behalf of Dr. Travis Threats, June 19 & 26.
- 2017 Co-hosted Dr. Danai Kasambira Fannin, Ph.D. of Northern Illinois University during visit to Saint Louis University for the Lynda R. Campbell Ph.D. Memorial Lecture - Topics in Diversity, April 28.



- 2016 ARK-J (Amplification, Resistance, and Kinetics-of the Jaw) Program. Arranged with ARK-J instructor Megan Nosol, M.S.Ed., M.S./CCC-SLP for 3 Communication Sciences and Disorders graduate students to attend with partial scholarships the ARK-J certification course on cancer and trauma-related trismus at the University of North Carolina at Chapel Hill, October 22-23.
- 2016 Amyotrophic Lateral Sclerosis (ALS) Association, St. Louis Regional Chapter. Arranged for 4 Communication Sciences and Disorders graduate students to attend a private screening of the documentary film "Gleason", along with people living with ALS, their family members, and volunteers from the ALS Association St. Louis Regional Chapter. Dr. Ghazala Hayat, M.D., Medical Director of the Saint Louis University School of Medicine's Neuromuscular Clinic, led a discussion after the film, August 18.
- 2016 Supervised graduate students' voice screenings for undergraduate students of Saint Louis University's Department of Fine and Performing Arts, with Dr. Katherine Jolly and SLU SLHS clinical faculty member Yolanda Evans.
- 2015 Doctoral (Ph.D.) Program Planning Committee, Communication Sciences and Disorders Department, Saint Louis University, St. Louis, MO.

## COMMUNITY SERVICE AND OUTREACH ACTIVITIES

### National

- 2022 Volunteer at the National Black Association for Speech-Language and Hearing (NBASLH) booth, American Speech-Language-Hearing Association (ASHA) convention, New Orleans, LA, November 18.
- 2015 Volunteer at American Speech-Language-Hearing Association (ASHA) exhibit booth, National Association for the Advancement of Colored People (NAACP) convention, Philadelphia, PA, July 13.

### Local

- 2021 Arranged for graduate students in Fall "Motor-Speech Disorders" class to participate in the Winter Weather Item Drive benefitting Northside Youth and Senior Service Center's Giving Hearts Community Closet, in collaboration with the SLU Public Health Doctoral Student Association (Chair: Andrew Oberle of the Oberle Institute). Located only 2 miles from the Saint Louis University campus, Northside's Giving Hearts Community Closet provides items of daily living to community members in need, Salus Center lobby, December 9-10.
- 2021 Arranged for graduate students in Fall "Motor-Speech Disorders" class to participate in the ABC Brigade for Stroke Survivors' Annual Stampede for Stroke, Creve Coeur Park, St. Louis, MO, October 23.

- 2019 Partnership with producers of the award-winning documentary “The Color of Medicine: The Story of Homer G. Phillips Hospital” to screen the film for the African American elders in my Cognitive Stimulation Therapy group. Sponsored by a portion of a patient donation to my Neuro-Rehabilitation of Language Lab, with matching funds (\$450) from the Nasrallah Center for Neuroscience at Saint Louis University. Saint Louis University, St. Louis, MO, November 26.
- 2019 Partnership with 4TheVille to arrange professional photography and video-interviews with the African American elders from my Cognitive Stimulation Therapy group. Photographs and video-interviews intended for exhibit in Spring 2020 (postponed due to COVID-19 pandemic) at the Mildred Lane Kemper Art Museum, with goal of fundraising for purchase of the Sara-Lou Café historic landmark in The Ville, St. Louis.
- 2017 Contributor and graduate student supervisor for “Back to School Summer Health Fair”, Myrtle Hilliard Davis Comprehensive Health Centers (now CareSTL Health), North St. Louis, MO, July 29.
- 2016 Jewish and Muslim Day of Community Service sponsored by the Jewish Community Relations Council of St. Louis and the Islamic Foundation of Greater St. Louis, December 25.
- 2016 Volunteer Coordinator, Recruiter and Attendee, “Bringing Health to You! Let’s Get Better Together”, Saint Louis Science Center and HealthWorks Kids' Museum, St. Louis, MO, July 16.
- 2016 Participated in administration of Geriatric Screenings sponsored by Saint Louis University’s Geriatric Education Center and the Alzheimer’s Association St. Louis Chapter. Held at Central Reform Congregation, St. Louis, MO, July 14.
- 2002-03 Mentor for 20 7<sup>th</sup>-8<sup>th</sup> grade students at Manhattan East Harlem Middle School in design and programming of robots, in joint project sponsored by FIRST (For Inspiration and Recognition of Science and Technology) LEGO League Junior Robotics Challenge 2002 & MIT Alumni Club of NY, New York, NY.
- 1998 Mini-course “Biological Foundations of Language” to High School students, Cornell Public Service Center Outreach Program, Ithaca Area Community School, Ithaca, NY.
- 1998 Workshop “Baby Brains/Baby Talk: Are We Born to Speak?” for High School students as part of the Johns Hopkins University Institute for the Academic Advancement of Youth, Mathematics & Science Days, Mind and Brain: The Inner Frontier, Cornell University, November 14.

## TEACHING EXPERIENCE

### Instructor, Saint Louis University Department of Speech, Language & Hearing Sciences,

Motor Speech Disorders (Fall 2015-2021)

Neurogenic Communication Disorders in Adults (Spring 2017, Spring 2021)

Characteristics of Multicultural Populations (Spring 2016-2021)

Graduate Student Practicum, Clinical Supervision in Healthcare Settings and Campus Clinic (2015-2022)

Anatomy & Physiology of the Speech Mechanism (Fall 2016)

Senior Seminar (Spring 2016)

### Mentor and Clinical Supervisor, Saint Louis University Department of Speech, Language & Hearing Sciences

2021-22 Mentor to graduate research assistant **Elena Everhart** on clinical research to serve African American elders at risk for dementia, through partnerships with the Health Disparities and Equity Core in the Knight Alzheimer's Disease Research Center led by Dr. Joyce Balls-Berry, Associate Professor of Neurology at Washington University. For Dr. Balls-Berry's National Institute on Aging R24 grant, "The COEQUAL Registry: Creating Opportunities to Increase Health Equity and Equality for Persons at Risk for Alzheimer Disease and Related Dementias", on which I serve as the SLU site Principal Investigator, a stipend was awarded to Elena. Elena is co-author on our chapter in the upcoming Plural Publishing book *Cultural Competence in Neurorehabilitation*, edited by Dr. Gloriajean Wallace. Additionally, I have supervised Elena in a case of Cortico-Basal Degeneration involving ultrasound intra-oral imaging of progressive apraxia of speech mixed with spastic dysarthria, coupled with respiratory muscle training and Lee Silverman Voice Treatment. Our interventions for this case of Cortico-Basal Degeneration have been coordinated with Saint Louis University Hospital's Department of Otolaryngology and Dr. Cynthia Fox and Ms. Angela Halpern of LSVT Global, Inc. A clinical case report is being prepared for publication.

2021-22 Mentor to undergraduate research assistants **Serina Daniels** (SLU Honors Program) and **Ellie Hill** on my Research Growth Fund Award project, "Real-Time Ultrasound Intra-Oral Visual Feedback for Adult Acquired or Degenerative Motor-Speech Disorders". We are completing a case study of apraxia of speech secondary to stroke. In addition, I have supervised Serina in a case of Cortico-Basal Degeneration involving ultrasound intra-oral imaging of progressive apraxia of speech mixed with spastic dysarthria, coupled with respiratory muscle training and Lee Silverman Voice Treatment. Both cases shall be featured in forthcoming publications.

- 2020-22 Mentor and clinical supervisor to former SLU undergraduate student and current Fontbonne University graduate student **Max Atzemis**. Open about his fluency disorder (stuttering), Max joined my Telemedicine sessions with a participant in my lab's funded study, "Advanced Tele-Practice Services for Adult Neurogenic Communication and Swallowing Disorders during the COVID-19 Pandemic". In the case of apraxia of speech secondary to left fronto-parietal-insular stroke, Max provided counseling and education on overlap between stuttering and apraxia, and how this overlap can inform interventions for both disorders. I coached Max through his graduate school applications, resulting in matriculation at Fontbonne University's Department of Communication Disorders and Deaf Education. An IRB Authorization Agreement was established between SLU and Fontbonne to allow Max to serve as key personnel on my funded project, "Real-Time Ultrasound Intra-Oral Visual Feedback for Adult Acquired or Degenerative Motor-Speech Disorders". Additionally, Max is contributing to my lab's ultrasound intra-oral imaging endeavors by self-recording overt speech production (reading aloud) including episodes of dysfluency (stuttering).
- 2021-22 Mentor to graduate research assistant **Brittany Taylor**, hired to contribute to my Research Growth Fund Award research project, "Real-Time Ultrasound Intra-Oral Visual Feedback for Adult Acquired or Degenerative Motor-Speech Disorders". Co-led case study with stroke patient with apraxia of speech.
- 2021 Visit to my lab by Dr. Sarah Hamilton Dugan, Ph.D./CCC-SLP of the University of Cincinnati for a two-day intensive workshop on ultrasound intra-oral imaging for visual feedback in motor-speech production therapy. Research assistants **Serina Daniels**, **Ellie Hill**, and **Brittany Taylor** participated in Dr. Dugan's hands-on training with our case study of acquired apraxia of speech secondary to stroke, December 9-10.
- 2019-22 Mentor and clinical supervisor to undergraduate student **Tayla Slay**, who served as key personnel for our clinical research project sponsored by Saint Louis University's Division of Geriatric Medicine and Geriatric Workforce Enhancement Program, on Cognitive Stimulation Therapy group sessions with African American elders in North St. Louis. This work led to a presentation at the inaugural Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, November 1, 2019. Tayla is co-author on two publications in the *Journal of the National Black Association for Speech-Language and Hearing* and on our chapter in the upcoming Plural Publishing book *Cultural Competence in Neurorehabilitation*, edited by Dr. Gloriajean Wallace. Tayla and I were honored at the virtual "Spirit of the Billiken" awards ceremony, March 12, 2021. Tayla co-presented a poster with Emilee Caldwell, Elena Everhart, and me at the 2022 ASHA Convention in New Orleans. Additionally, I supervised Tayla through Zoom Telemedicine in a case of Cortico-Basal Degeneration with progressive apraxia of speech mixed with spastic dysarthria. Since 2020, I have supported Tayla's student membership in the National Black Association for Speech-Language and Hearing (NBASLH) as well as her involvement in NBASLH's Power to Empower Mentorship Program.

- 2019-22 Mentor and clinical supervisor to graduate research assistant **Kailin Leisure**, key personnel for a research project sponsored by Saint Louis University's Division of Geriatric Medicine and Geriatric Workforce Enhancement Program, on our Cognitive Stimulation Therapy group for African American elders of North St. Louis. This work led to presentations at the Third International Cognitive Stimulation Therapy Conference, June 10, the inaugural Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, November 1, and the American Speech-Language-Hearing Association convention, Orlando, FL, November 22-23. Kailin is co-author on a publication in the *Journal of the National Black Association for Speech-Language and Hearing*, in *Perspectives of the ASHA Special Interest Groups: SIG-8 on Public Health Audiology*, in *The ASHA Leader*, and on our chapter in the upcoming Plural Publishing book *Cultural Competence in Neurorehabilitation*, edited by Dr. Gloriajean Wallace. Kailin contributed to our pandemic-inspired telepractice research endeavor, leading to my funded grant, "Advanced Tele-Practice Services for Adult Neurogenic Communication and Swallowing Disorders during the COVID-19 Pandemic." I continue to collaborate with Kailin, now at SLU Hospital's Department of Otolaryngology, on a case of Cortico-Basal Degeneration involving ultrasound intra-oral imaging of progressive apraxia of speech mixed with spastic dysarthria, coupled with respiratory muscle training and Lee Silverman Voice Treatment. Kailin and I have consulted with Dr. Cynthia Fox and Ms. Angela Halpern of LSVT Global, Inc. about this case of Cortico-Basal Degeneration. A clinical case report is being prepared for publication.
- 2019-22 Mentor and clinical supervisor to graduate research assistant **Rebecca Ferron**, key personnel on our clinical research project sponsored by Saint Louis University's Division of Geriatric Medicine and Geriatric Workforce Enhancement Program for our Cognitive Stimulation Therapy group protocol with African American elders in North St. Louis. This work led to presentations at the Third International Cognitive Stimulation Therapy Conference, June 10, the inaugural Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, November 1, and the ASHA Convention, Orlando, FL, November 22-23. Rebecca is co-author on a publication in the *Journal of the National Black Association for Speech-Language and Hearing* and on our chapter in the upcoming Plural Publishing book *Cultural Competence in Neurorehabilitation*, edited by Dr. Gloriajean Wallace.
- 2020-22 Mentor and clinical supervisor to undergraduate research assistant **Emilee Caldwell**. Hired with funds from a private patient donation to my lab, Emilee led efforts to ensure that participants from my Cognitive Stimulation Therapy group for African American elders at risk for dementia remained in contact with our team at Saint Louis University and with each other throughout the COVID-19 pandemic. She coordinated phone-calls, text messages, visits to SLU's Paul C. Reinert, S.J. Speech-Language and Hearing Clinic, and contactless deliveries of copies of the Fall 2020 issue of "Grand Rounds", the SLU School of Medicine's alumni magazine, in which our service to African American elders was featured as a highlight of SLU's community outreach endeavors. Emilee also contributed to tele-sessions with my study participant with adult apraxia of speech secondary to stroke, by sharing her comparative study of developmental speech sound

disorders with acquired motor-speech disorders. Emilee co-authored a poster with Tayla Slay, Elena Everhart, and me at the 2022 ASHA Convention in New Orleans.

- 2017-22 Mentor and clinical supervisor to graduate research assistant **Laura Sankey**. Supervised Laura throughout experimental rhythmic entertainment therapy sessions in my lab with a patient with apraxia of speech secondary to stroke, and with our Cognitive Stimulation Therapy group for African American elders in North St. Louis. Our rhythmic entrainment project with apraxia due to stroke led to presentations at the ASHA Convention, Boston, MA, November 16, 2018 and at the Missouri Speech-Language-Hearing Association Convention 60<sup>th</sup> Diamond Jubilee, "Many Voices: One MSHA", April 7, 2019. Our community-based work with African American elders of North St. Louis led to 3 presentations at the "From Clinical Discovery to Community Impact" Symposium, Washington University Institute of Clinical and Translational Sciences, January 15, 2019, one publication in the *Journal of the National Black Association for Speech-Language and Hearing*, and another publication in *Perspectives of the ASHA Special Interest Groups: SIG-8 on Public Health Audiology*.
- 2021 Supervised 4 graduate students, **Makenzi Hager**, **Lena Nguyen**, **Emily Bowerman**, and **Elena Everhart** during a screening and virtual panel discussion of the documentary film "In Our Right Mind: Alzheimer's and Dementia's Impact on Communities of Color", by filmmaker, journalist and attorney Renée Chenault-Fattah on SLU campus. With support from the Nasrallah Center for Neuroscience, this event was jointly hosted by Washington University's Knight Alzheimer's Disease Research Center and the Alzheimer's Association Greater Missouri Chapter. Our participants were 4 African American elders from my brain health group in North St. Louis, and the director of Northside's Senior Center. In a pre-event survey, participants shared their reasons for attendance: increased general knowledge about Alzheimer's disease and its impact on African Americans, and resources to help themselves or loved ones. In a post-event survey, attendees shared that the event sparked their interest in: learning more about Alzheimer disease and related dementia (ADRD); participating in ADRD research and medical screening; ADRD advocacy and raising awareness of ADRD's impact on African Americans, October 30.
- 2021 Clinical supervision of second-year graduate students **Makenzi Hager** and **Annie Masters** during 2-hour Telemedicine session to dynamically assess adult case of apraxia of speech secondary to left hemisphere stroke with both patient and wife present. Administered the Mayo Clinic battery of tasks to assess motor-speech planning and programming capacity (apraxia of speech) and language production, September 1.
- 2021 Clinical supervision of second-year graduate students **Madeline Gerard**, **Emily Goodson**, and **Alexis Hopkins** during 2-and-a-half-hour session with 4 participants of my Cognitive Stimulation Therapy group for African American elders of North St. Louis, for dynamic assessment of cognitive-communication disorders and counseling/education on optimal practices for brain health and socialization as the COVID-19 pandemic situation evolved, July 12.

- 2021 Clinical supervisor to graduate students **Emily Blazevic, Alexis Hopkins, and Claire Quan**, in collaboration with audiologist Maureen Fischer, on case study of tablet-based auditory rehabilitation concurrent with adoption of hearing aids in participant from Cognitive Stimulation Therapy group for African American elders of North St. Louis. Participant presents with history of traumatic brain injury from vehicular accident.
- 2020-21 Mentor and clinical supervisor to undergraduate student **Hope Conyers**. Assisted with recruitment of participants for Hope's McNair Summer Research Internship Program project, entitled "The Effects of Chemotherapy on Language for the Treatment of Breast Cancer". Hope earned clinical observation hours with me by participating in Telemedicine sessions with a case of late-onset Myasthenia Gravis co-morbid with early-stage Alzheimer's disease and a case of apraxia of speech secondary to stroke, as part of my Rapid Response COVID-19 Seed Fund grant, "Advanced Tele-Practice Services for Adult Neurogenic Communication and Swallowing Disorders during the COVID-19 Pandemic". Coached Hope through her graduate school applications, resulting in matriculation at Northwestern University.
- 2020-22 Mentor and clinical supervisor to graduate student **Maria Bullard**. Clinically supervised Maria during Telemedicine interventions for motor-speech, voice, and swallowing disorders in cases of late-onset Myasthenia Gravis co-morbid with early-stage Alzheimer's disease and apraxia of speech secondary to stroke. Our Telemedicine work resulted in a grant from the SLU Research Institute, "Advanced Tele-Practice Services for Adult Neurogenic Communication and Swallowing Disorders during the COVID-19 Pandemic". After graduation, Maria trained new graduate students on our telepractice protocols. She will co-author the publications about each of these two cases.
- 2019-22 Mentor and clinical supervisor to graduate student **Courtney Bingel**. Supported Courtney's participation in the 2019 Interprofessional Geriatric Case Competition. Clinically supervised Courtney during a session of my Cognitive Simulation Therapy group for African American elders in North St. Louis, December 18, 2019. Courtney earned clinical hours during our exploration of Telemedicine delivery of interventions for motor-speech, voice, and swallowing disorders in cases of late-onset Myasthenia Gravis co-morbid with early-stage Alzheimer's disease and apraxia of speech secondary to stroke. After graduation, Courtney trained new graduate students on our telepractice protocols. She will co-author the publications about each of these two cases.
- 2020 Mentor and clinical supervisor to graduate students **Katie Boland, Natalie Carr, and Liz Eicken**, who were key personnel on my Rapid Response COVID-19 Seed Fund grant, "Advanced Tele-Practice Services for Adult Neurogenic Communication and Swallowing Disorders during the COVID-19 Pandemic". They each gave virtual presentations at the Second Annual Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, November 13.
- 2019-22 Mentor and clinical supervisor to graduate student **Cassidy Woods**. Supervised Cassidy during a special screening of the award-winning documentary film, "The Color of

Medicine: The Story of Homer G. Phillips Hospital” for our Cognitive Simulation Therapy group for African American elders in North St. Louis, November 26, 2019. Cassidy earned clinical hours for Telemedicine delivery of interventions for motor-speech, voice, and swallowing disorders in cases of late-onset Myasthenia Gravis co-morbid with early-stage Alzheimer’s disease and apraxia of speech secondary to stroke. After graduation, Cassidy trained new graduate students on our telepractice protocols. She will co-author the publications about these two cases.

- 2019-20 Clinical supervisor to undergraduate student **Alexis Joseph**. Alexis earned clinical observation hours during two Cognitive Stimulation Therapy group sessions with African American elders at CareSTL Health's historic Homer G. Phillips Hospital location in The Ville in North St. Louis, May 8 and November 13, 2019. Successfully coached Alexis in her application to the Northwestern University Master’s program in Communication Sciences and Disorders.
- 2019-20 Mentor and clinical supervisor to undergraduate student **Haylie Santos**. Haylie earned clinical observation hours during two Cognitive Stimulation Therapy group sessions with African American elders at CareSTL Health's historic Homer G. Phillips Hospital location in The Ville in North St. Louis, May 8 and November 13, 2019. Coached Haylie in her successful application to the Aging & Neurological Diseases Track at Washington University’s Harvey A. Friedman Center for Aging at the Institute for Public Health in Summer 2019, and her successful application to the doctoral program in communication sciences and disorders at Northwestern University, Spring 2020.
- 2020 Clinical supervisor to **Kara Sachtleben, Kaitlyn Sweeney** and **Lauren Goldschmidt**, in lab session to re-assess, counsel and educate case of acquired apraxia of speech secondary to stroke, January 25.
- 2019-20 Advisor, mentor and clinical supervisor to graduate student **Lauren Goldschmidt**. Supervised Lauren during a session of my Cognitive Simulation Therapy group for African American elders in North St. Louis, December 18, 2019. Supervised Lauren in my lab with a case of acquired apraxia of speech due to stroke, January 25, 2020. Throughout Summer 2020 via Zoom Telemedicine, Lauren continued to serve this case as well as a case of late-onset Myasthenia Gravis co-morbid with Alzheimer’s disease, as key personnel on my Rapid Response COVID-19 Seed Fund grant, “Advanced Tele-Practice Services for Adult Neurogenic Communication and Swallowing Disorders during the COVID-19 Pandemic”. Lauren virtually presented her work at the Second Annual Henry and Amelia Nasrallah Center for Neuroscience Research Symposium, November 13.
- 2018-22 Mentor and clinical supervisor to undergraduate student **Blake Howard**, and post-graduation. He earned clinical observation hours during our Cognitive Stimulation Therapy group sessions with African American elders at CareSTL Health's historic Homer G. Phillips Hospital location in The Ville in North St. Louis, October 17, 2018. Recommended him for the Florian and Walburga Horvath Memorial Health Professions



Scholarship, March 23, 2018. Post-graduation (after 2019), Blake sought my guidance and coaching after deciding to take 2 gap years before re-applying to graduate school. He is now enrolled in the Master's program at the University of Wisconsin-Milwaukee.

- 2018-19 Mentor and clinical supervisor to graduate student **Lauren Thompson**. Clinically supervised Lauren throughout diagnostic and intervention sessions in my lab with a case of logopenic variant of Primary Progressive Aphasia referred by Dr. Nupur Ghoshal, M.D., Ph.D. of Washington University's School of Medicine. Recommended Lauren for a Clinical Fellowship Year with Dr. Lori Bartels, Ph.D., CCC-SLP, Chief Executive Officer at The Aphasia Center Intensive Treatment Programs, where Lauren continues to be employed as a certified full-time clinician specializing in aphasia.
- 2017-19 Mentor to pre-medical student **Sydney Rosenthal** for her Saint Louis University Neuroscience Summer Undergraduate Research Fellowship (NeuroSURF) in summer 2017. For her co-leadership with me of our Cognitive Stimulation Therapy group for African American elders of North St. Louis, Sydney was a Winner of the 2018 Society for Neuroscience Brain Awareness Week Travel Award sponsored by the Faculty for Undergraduate Neuroscience and the Society for Neuroscience. Now a medical student at the Saint Louis University School of Medicine, Sydney is co-author on our publication for the *Journal of the National Black Association for Speech-Language and Hearing* and on our chapter in the upcoming Plural Publishing book *Cultural Competence in Neurorehabilitation*, edited by Dr. Gloriajean Wallace.
- 2016-22 Mentor and clinical supervisor to **Samantha Thompson**, undergraduate student Spring 2016, then graduate research assistant Spring 2018-Spring 2019. Supervised Samantha with our Cognitive Stimulation Therapy (CST) group for African American elders in North St. Louis. Samantha led and facilitated CST group sessions and coordinated joint services with audiologist Maureen Fischer at Saint Louis University's Paul C. Reinert, S.J. Speech-Language and Hearing Clinic. Our community-based work with African American elders led to one presentation at the ASHA Annual Convention, Boston, MA, November 16, 2018, 3 presentations at the Washington University Institute of Clinical and Translational Sciences "From Clinical Discovery to Community Impact" Symposium, January 15, 2019, one publication in the *Journal of the National Black Association for Speech-Language and Hearing*, and another publication in *Perspectives of the ASHA Special Interest Groups: SIG-8 on Public Health Audiology*.
- 2017-18 Academic Mentor to graduate student **Faith Stagge**, Awardee of the Students Preparing for Academic-Research Careers (SPARC) Program sponsored by the American Speech-Language-Hearing Association (ASHA). Also served as Academic Advisor to Faith as Awardee of the 2017 Academy of Neurologic Communication Disorders and Sciences (ANCDs) Conference Fellowship, Los Angeles, CA, November 8, 2017. Recommended her to the Ph.D. Program in Communication Sciences and Disorders at the University of Delaware, in which she is now enrolled as a doctoral candidate.
- 2017 Mentor and clinical supervisor to undergraduate student **Joe Nothstine**. Joe conducted

hearing screenings, counseling and education on management of age-related hearing loss for 24 predominantly African American patients and staff members at the Homer G. Phillips Hospital location of CareSTL Health in North St. Louis, October 18 and November 15, 2017. Coached Joe through Audiology graduate program applications, resulting in matriculation at Vanderbilt University.

- 2017 Mentor and clinical supervisor to graduate student **Rebecca Koerner**. Co-created the SLU Speech-Language-Swallow Screen for the Gateway Geriatric Education Center Geriatric Assessment Clinic at the SLU School of Medicine Health Resource Center. Clinically supervised Rebecca during interdisciplinary screenings of elderly patients at monthly Geriatric Assessment Clinic. Rebecca was featured in the official demonstration video for the Gateway Geriatric Education Center entitled "Geriatric Assessment Clinic" (<https://youtu.be/9ZoJZwE4If8>).
- 2017 Mentor and clinical supervisor to graduate student **Michelle Hanephin**. Clinically supervised Michelle during inaugural semester of our Cognitive Stimulation Therapy group for African American elders of North St. Louis, culminating in Michelle's assistance with and attendance at the "Making a Difference in North St. Louis Symposium" for our poster presentation, "Alliance with Myrtle Hilliard Davis Comprehensive Health Centers to Implement an Interdisciplinary Cognitive Program for Elderly Residents of North St. Louis", April 3, 2017.
- 2016-17 Mentor and clinical supervisor to graduate research assistant **Beth Herrmann**. Supported Beth's poster presentation at the Second Annual SLU Neuroscience "Neuro Day" Symposium, November 4, 2016, and the Doisy College of Health Sciences Scholarship Symposium, February 3, 2017. Clinically supervised Beth during inaugural semester of our Cognitive Stimulation Therapy group for African American elders of North St. Louis, culminating in a Geriatrics Grand Rounds presentation, "An Exploratory Implementation of an Interdisciplinary Cognitive Program for Elderly Residents of North St. Louis," April 19, 2017.
- 2016-17 Mentor to graduate assistant **Caroline Usher**. Supported Caroline's participation in the Fall 2016 Geriatric Case Competition, for which her team won a top prize.
- 2015-16 Advisor to undergraduate student **Melissa Lifka** for her Honors Thesis, "Low Socioeconomic Status as a Risk Factor for Early Language and Literacy Development".
- 2015-16 Advisor to undergraduate student **Kelsey Arnold** for her Honors Thesis, "A Speech-Language Pathologists' Role in Resolving the Disparity in Diagnosis and Treatment of Dementia in African American Populations in Urban Settings".
- 2015-16 Mentor to graduate research assistant **Caroline Marino**. Supported Caroline's poster presentation at the First Annual SLU Neuroscience "Neuro Day" Symposium, Saint Louis University, October 30.

### Selected Course Instruction Highlights at Saint Louis University

- 2016-22 Dr. Kevin Scannell, Ph.D. of Saint Louis University's Department of Computer Science has visited the undergraduate Spring course "Cultural and Linguistic Diversity for the Communication Sciences" (with exception of 2020 during which Dr. Scannell resided in Ireland on a Fulbright scholarship), to lecture students on his research promoting minority languages, including vulnerable and endangered indigenous and aboriginal languages, on the global internet. For a class-wide discussion forum assignment, Dr. Scannell's lectures are coupled with this reading: Flood, D., & Rohloff, P. (2018). Indigenous languages and global health. *The Lancet Global Health*, 6(2), e134-e135.
- 2022 For ATLAS Week 2022, the students in my undergraduate "Cultural and Linguistic Diversity for the Communication Sciences" course planned and presented a university-wide event, "Native Americans' Responses to the COVID-19 Pandemic: Impact, Influence, and Cultural-Linguistic Relevance", April 7. Their collective presentations concerned COVID-19 as the latest in a long history of infectious outbreaks (e.g., measles, smallpox, and whooping cough) to which Native American communities have been disproportionately exposed because of oppressive policies and practices of colonialism. Students conveyed the long-standing injustices affecting Native Americans' languages, cultures, community integrity, and socio-politico-economic power that have produced persistent health inequities, and celebrated Native Americans' communal responses that were swift, staunch, and stalwart against COVID-19 and health disparities.
- 2015-22 Richard D. Steele, Ph.D., Chief Scientist at Lingraphica, led webinars to the Fall graduate course "Motor-Speech Disorders" and Spring graduate course "Neurogenic Communication Disorders in Adults" on high-tech augmentative and alternative communication (AAC) devices for individuals living with motor-speech impairments (apraxia, dysarthria) and language impairments (aphasia, alexia, agraphia).
- 2020-21 Dr. Sarah Hamilton Dugan, Ph.D., postdoctoral fellow at the University of Cincinnati, presented to the Fall graduate course "Motor-Speech Disorders" (November 17, 2020 and November 30, 2021) and the Spring undergraduate course "Cultural and Linguistic Diversity for the Communication Sciences" (April 8, 2021) on her ultrasound intra-oral imaging interventions for children with speech sound disorders with attention to dialectal variation across diverse populations.
- 2021-22 Home screening of documentary film "Speechless" (2017) about the recoveries of two gentlemen with aphasia (language impairment) secondary to stroke, as source for final exam assignment.
- 2022 Graduate students in the Spring "Neurogenic Communication Disorders in Adults" course attended the virtual "Coffee Café-sia" event hosted by local stroke support group, the ABC Brigade, led by stroke survivor Kathy Howard (extra-credit assignment), February 2.

- 2022 Graduate students in the Spring “Neurogenic Communication Disorders in Adults” course completed an extra-credit assignment on “Improving Cultural Competence: Better Serving the Needs of African American and Black Stroke Survivors in Speech-Language Pathology” by Dr. Davetrina Seles Gadson, Ph.D./CCC-SLP of Georgetown University, May 13.
- 2021 In-person guest lecture by Andrew Oberle, MHA, MA, Executive Director of the Oberle Institute at the SLU School of Medicine’s Department of Surgery, and The Red and Charline McCombs Fellow for the Improvement of Trauma Care and Trauma Survivors Network Facilitator, on facial and trigeminal nerve damage secondary to trauma (muscular laceration) for Fall graduate “Motor-Speech Disorders” course, October 5.
- 2021 In-class screening of “I Have Tourette’s, But Tourette’s Doesn’t Have Me” (2005), documenting the lives of school-aged children with Tourette syndrome, with accompanying discussion forum assignment, for Fall graduate “Motor-Speech Disorders” course, September 21.
- 2021 Virtual class screening of documentary film “Gleason” (2016) about former football player Steve Gleason’s life after diagnosis with Amyotrophic Lateral Sclerosis, with accompanying discussion forum assignment, for Fall graduate “Motor-Speech Disorders” course, August 31.
- 2021 Paused the "Cultural and Linguistic Diversity for the Communication Sciences" class discussion about our reading assignment to collectively listen to the verdict in the trial of Derek Chauvin, as read by the trial judge through National Public Radio's livestream service. Then students were granted 10 minutes of silent reflection, after which we re-convened to share reflections and to relate contemporary public discourse about racism to our course's focus on recognizing and overcoming linguistic discrimination (such as discrimination against African American Vernacular English), April 20.
- 2021 Dr. Eduardo Europa, Ph.D., postdoctoral scholar at the University of California-San Francisco (now assistant professor at San José State University) presented to the graduate Spring course “Neurogenic Communication Disorders in Adults” on Primary Progressive Aphasia, May 3.
- 2021 Lauren Thompson, M.A./CCC-SLP, SLU alumna, presented to the Spring graduate course “Neurogenic Communication Disorders in Adults” on her Clinical Fellowship Year and continued work as certified clinician at The Aphasia Center in St. Petersburg, Florida, March 22.
- 2021 For Spring undergraduate course “Cultural and Linguistic Diversity for the Communication Sciences”, in-class screening of “Concussion” (2015) about Dr. Bennet Omalu’s discovery of Chronic Traumatic Encephalopathy (CTE), with attendance at the SLU Great Issues Committee virtual lecture by Dr. Bennet Omalu, April 14.

- 2019 For ATLAS Week, students in the Spring undergraduate course “Cultural and Linguistic Diversity for the Communication Sciences” planned, organized and hosted the event “Non-Spanish Speakers at the Border: What to Know about Meso-American Languages”. In honor of the International Year of Indigenous Languages and the memories of Mayan-language-speaking children from Guatemala who died after seeking asylum in the United States, students presented fundamental facts about the history, classification and characteristics of the most widely spoken Meso-American languages. They also shared resources to enhance communication of critical healthcare information in these languages. Educational stations for visitors included: a communication board in the Mayan K’ich’è language; a Kahoot game in the Mayan Mam language; a photographic display about conditions at the Mexican-American Border; UNESCO’s declaration of 2019 as the “International Year of Indigenous Languages”; and background on Meso-American Communities, April 4.
- 2018 Students in the Spring undergraduate course “Cultural and Linguistic Diversity for the Communication Sciences” collectively attended the ATLAS Week activity organized by SLU Pencils of Promise, “Educational Disparities: The Lack of Access to Quality Education in the Developing World,” then completed a Blackboard discussion forum assignment about their experience, Busch Student Center, April 10.
- 2017 Students in the Spring undergraduate course “Cultural and Linguistic Diversity for the Communication Sciences” collectively attended the SLU Bridge Lecture Bridging Black History Month and Women's History Month, “Black Women and Girls in the U.S. (In)Justice System: Historical and Contemporary Struggles” by Dr. Talitha LeFlouria, Ph.D., Associate Professor at the University of Virginia, then completed a Blackboard discussion forum assignment about their experience, Boileau Hall, March 2.
- 2016 Students in the Spring undergraduate course “Cultural and Linguistic Diversity for the Communication Sciences” collectively attended the SLU Social Justice Communication Collaborative Lecture, “Sandra Bland, Social Justice, and Digital Memory: Using Digital Humanities Tools to Analyze Discourse and Archive Movements” by Dr. Toniesha Taylor, Ph.D., Associate Professor at Texas Southern University, then completed a Blackboard discussion forum assignment, Busch Student Center, March 31.
- 2015 Students in the Fall graduate course “Motor-Speech Disorders” collectively wore purple-colored clothing and/or accessories, and sat for a class photograph in honor of “Go Purple for #PurpleThursday” sponsored by the National Network to End Domestic Violence (NNEDV) to celebrate Domestic Violence Awareness Month, October 22.

National Institute on Deafness and Other Communication Disorders, National Institutes of Health,  
Mentor

Mentorship on structural and functional neuroimage acquisition techniques, recruitment of participants with aphasia, analysis of voice files from fMRI experiments, and Presentation® programming: Susannah Hoffman from University of Maryland Cognitive Neuroscience of Language Lab, Therese Kling from University of Maryland Department of Hearing and Speech Sciences, and Christian Schenk from University of Puerto Rico Medical School.

Cornell University, Instructor and Mentor

Introduction to Cognitive Science (Spring 1999 Writing in the Majors section)  
Biological Foundations of Language (Fall 1998 Freshman Writing Seminar)  
Beginning French conversation and composition (Fall 1994-95)

Intermediate-level French conversation and composition (Spring 1995-96)

Mentorship on collection and analysis of elicited imitation data from English-speaking children aged 2 to 5 years in the Cornell Language Acquisition Laboratory, undergraduate students Julie Pactovis and Baijayanta Mukhopadhyay (1995-1999).

**LANGUAGES**

English: Native

French: Fluent, Oral and Written Modalities (Studied at Lycée Français de New York, 1973-1988)

Indonesian: Conversant, Oral and Written Modalities (Studied at Cornell University, Ithaca, NY and Universitas Sam Ratulangi, Manado, Indonesia, 1994-1998)