# $Robert\ B.\ Cavanaugh\ {\tt PhD}, {\tt CCC-SLP}$

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## Education

Ph.D. Communication Science and Disorders
University of Pittsburgh, Pittsburgh, PA
Dissertation: Determinants of Multilevel Discourse Outcomes in Anomia Treatment for Aphasia
M.S. Speech and Hearing Sciences
University of North Carolina at Chapel Hill, Chapel Hill, NC
Thesis: Working Memory Capacity and Subjective Communication
Difficulties in High Level Aphasia
B.A. Communication Science and Disorders
University of Pittsburgh, Pittsburgh, PA

Academic and Clinical Positions		
2023 —	Health Research Data Analyst	
	Product Owner, OHDSI Lab	
	Office of the Dean, Bouvé College of Health Sciences	
	Observational Health Data Science and Informatics Center, Roux Institute	
	Northeastern University, Portland, ME.	
2018 — 2023	Graduate Student Researcher	
	Language Rehab and Cognition Lab, University of Pittsburgh	
	PI: William S. Evans PhD, CCC-SLP	
	Speech Pathology and Audiology, VA Pittsburgh Healthcare System	
	PI: William D. Hula PhD, CCC-SLP & Michael Walsh Dickey PhD	
2015 — 2018	Speech-Langauge Pathologist	
	Carolinas Rehabilitation, Atrium Health, Charlotte, NC	
	Carolinas Neurosciences Institute, Atrium Health, Charlotte, NC	
2013 — 2015	Graduate Research Assistant	
	Center for Aphasia and Related Disorders, UNC - Chapel Hill	
	PI: Katarina Haley PhD, CCC-SLP	
2010 — 2013	Undergraduate Research Assistant	
	Eye and Ear Institute, University of Pittsburgh Medical Center	
	PI: Patrick Sparto, PhD, PT	

### **Funding**

2024 — 2025	Once Upon a Time Foundation
	Effects of Dose Frequency on DTTC Treatment Outcomes in CAS: A randomized control trial. Role: Statistical Co-I; 1.2 CM
	MPI: Jenya Iuzzini-Siegel, Julie Case, Maria I. Grigos, and Shelley Velleman.
2024 — 2025	LeaRRN: Learning Health Systems Rehabilitation Research Network Learning Health Systems (LHS) Scholar Program
	Characterizing usual-care rehabilitation dose in intensive care and acute care settings Role: PI; Direct Costs: \$12,539
2021 — 2023	NIH-NIDCD F31 DC019853 Ruth L. Kirschstein NRSA
	Determinants of multilevel discourse outcomes in anomia treatment for aphasia Role: PI; Impact Score: 25; Direct Costs: \$68,482
	Sponsors: Michael Walsh Dickey & William S. Evans
2021 — 2023	Audrey Holland Endowed Award
	Determinants of multilevel discourse outcomes in anomia treatment for aphasia Role: PI; Direct Costs: \$2000
2019 — 2021	NIH-NCATS NRSA TL1 University of Pittsburgh
	Comparing Treatment Intensity between Research and Clinical Practice in Post-Stroke Aphasia Role: Predoctoral Fellow; PI: Kraemer (TL1TR001858)
	Mentors: Michael Walsh Dickey, William S. Evans, & Catherine Palmer
2019	School of Health and Rehabilitation Sciences Research Development Fund
	Role: PI; Direct Costs: \$1000
	Faculty Sponsor: William S. Evans

#### Peer-reviewed Publications

2024

Mentored Student / Trainee works are underlined

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**Cavanaugh, R.**, Dickey, M. W., Hula, W. D., Fromm, D., Golovin, J., Wambaugh, J., ... & Evans, W. S. (2024). Determinants of Multilevel Discourse Outcomes in Anomia Treatment for Aphasia. Journal of Speech, Language, and Hearing Research, 1-19.\*\*

Wong, CN., Smith, LH., Cavanaugh, R., Kim, Dae H., Streed, CG., Kapadia, F., Olivieri-Mui, B. (2024) Assessing how frailty and healthcare delays mediate the association between sexual and gender minority status and healthcare utilization in the All of Us Research Program, Journal of the American Medical Informatics Association, 2024;, ocae205, https://doi.org/10.1093/jamia/ocae205

Smith, LH., Cavanaugh, R. (2024) allofus: an R package to facilitate use of the All of Us Researcher Workbench. Journal of the American Medical Informatics Association, ocae198, https://doi.org/10.1093/jamia/ocae198

- Pierce, J. E., Cavanaugh, R., Harvey, S., Dickey, M. W., Nickels, L., Copland, D., Togher, L., Godecke, E., Meinzer, M., Rai, T., Cadilhac, D. A., Kim, J., Hurley, M., Foster, A. M., Carragher, M., Wilcox, C., & Rose, M. (In Press). High Intensity Aphasia Intervention is Minimally Fatiguing in Chronic Aphasia - An Analysis of Participant Self-Ratings from a Large Randomized Controlled Trial. Stroke
- Kurland, J., Liu, A., Varadharaju, V., Stokes, P., & Cavanaugh, R. (2024). Reliability of the Brief Assessment of Transactional Success in Communication in Aphasia. Aphasiology, 1–22. https://doi .org/10.1080/02687038.2024.2351029
- Robinson, K., Cavanaugh, R., Dias, R., Peary, A., Johnson, R., Rao, V., ... & Olivieri-Mui, B. (2024). An Analysis of Orientation and Preceptorship Influence on Nurse Job Satisfaction Across Two States. Journal for Nurses in Professional Development, 40(3), 149-155.
- Akers, C. M., Boyle, M., Swiderski, A. M., Hula, W. D., Cavanaugh, R., & Elman, R. J. (2024). Changes in complete utterances following communication-based group treatment for chronic aphasia. Aphasiology, 1-24.
- Robinaugh, G., Henry, M. L., Cavanaugh, R., & Grasso, S. M. (2024). Computer-Based Naming Treatment for Semantic Variant Primary Progressive Aphasia With History of Traumatic Brain Injury: A Single-Case Experimental Design. Journal of Speech, Language, and Hearing Research, 1-21.
- 2023 Wong, C.N., Wilczek, M.P., Smith, L.H., Bosse, J.D., Richard, E.L., Cavanaugh, R., Manjourides, J., Orkaby, A.R. and Olivieri-Mui, B. (2023). Frailty Among Sexual and Gender Minority Older Adults: The All of Us Database. The Journals of Gerontology: Series A, glad149.
  - Cavanaugh, R., Quique, Y.M., Swiderski, A.M., Kallhoff, L., Terhorst, L., Wambaugh J., Hula, W.D., Evans, William S (2023). Reproducibility in small-N treatment research: a tutorial using examples from aphasiology. Journal of Speech, Language, and Hearing Research.
  - Quique, Y. M., Cavanaugh, R., Lescht, E., & Evans, W. S. (2022). Applying adaptive distributed practice to self-managed computer-based anomia treatment: A single-case experimental design. Journal of Communication Disorders, 99, 106249. https://doi.org/10.1016/j.jcomdis.2022.106249
    - Boyle, M., Akers, C. M., Cavanaugh, R., Hula, W. D., Swiderski, A. M., & Elman, R. J. (2022). Changes in discourse informativeness and efficiency following communication-based group treatment for chronic aphasia. Aphasiology, 1-35.
    - Nguy, B., Quique, Y.M., Cavanaugh, R., Evans, William S. (2022) Representation in aphasia research: an examination of US treatment studies published between 2009 and 2019. American Journal of Speech-Language Pathology
    - Cavanaugh R, Quique YM, Dickey MW, Hula WD, Boss E, & Evans WS (2022). Practice-Related Predictors of Semantic Feature Verification Treatment for Aphasia. American Journal of Speech-Language Pathology. https://doi.org/10.1044/2021\_AJSLP-21-00296
- 2021 Cavanaugh, R., Kravetz C., Jarold L., Quique Y., Turner R., & Evans, W.S. (2021). Is There a Research-Practice Dosage Gap in Aphasia Rehabilitation? American Journal of Speech-Language Pathology, 30(5), 2115–2129. 10.1044/2021 AJSLP-20-00257.

Evans W.S., Cavanaugh R., Quique Y, Boss E, Starns J.J., & Hula W.D. (2021). Playing With BEARS: Balancing Effort, Accuracy, and Response Speed in a Semantic Feature Verification Anomia Treatment Game. Journal of Speech, Language, and Hearing Research. https://doi.org/10 .1044/2021 JSLHR-20-00543

Kersey, J., Evans, W. S., Mullen, K., Askren, A., Cavanaugh, R., Wallace, S. E., Hula, W. D., Walsh Dickey, M., Terhorst, L., & Skidmore, E. (2021). Metacognitive Strategy Training Is Feasible for People With Aphasia. OTJR: Occupation, Participation and Health. https://doi.org/10.1177 /15394492211023196

Evans, W. S., Cavanaugh, R., Gravier, M. L., Autenreith, A. S., Doyle, P. J., Hula, W. D., Dickey Michael, W., & Dickey, M. W. (2021). Effects of Semantic Feature Type, Diversity, and Quantity on Semantic Feature Analysis Treatment Outcomes in Aphasia. American Journal of Speech-Language Pathology. https://doi.org/10.1044/2020 AJSLP-19-00112

2020 Cavanaugh, R.B., Haley, K.L. (2020). Subjective communication difficulties in very mild aphasia. American Journal of Speech-Language Pathology, 29(1S), 437–448. https://doi.org/10.1044/2019 \_AJSLP-CAC48-18-0222

#### Refereed Presentations

Mentored Student / Trainee works are underlined

2024 Wong, CN., Smith, LH., Cavanaugh, R., Kim, DH., Streed, Jr., CG., Kapadia, F., Olivieri-Mui, B. (2024) "The impact of Frailty and Healthcare Delays on Healthcare Utilization among Older Sexual and Gender Minority Adults". National LGBTQ Health Conference. August 15-17

> Plummer, N., Ratnayake, A., Cavanaugh, R., Olivieri-Mui, B., Generalizability of the Sample of People Living with HIV in the All of Us Database. (2024) Poster presented at the International AIDS Society Conference. July.

> Bennett CR, Cavanaugh R, Smith LH. Social and structural determinants of diabetes technology use: A descriptive analysis. Annual Symposium on Risks and Opportunities of AI in Pharmaceutical Medicine (AIPM). Boston, MA, June 2024

Bennett CR, Cavanaugh R, Smith LH. Using a target trial to estimate the causal effect of health technology on racial disparities. Society for Epidemiological Research (SER). Austin, TX, June 2024

Bennett CR, Cavanaugh R, Smith LH. Social and structural determinants of diabetes technology use: A descriptive analysis. Society for Epidemiological Research (SER). Austin, TX, June 2024

Ratnayake, A., Cavanaugh, R., Brennan-Ing, M., Olivieri-Mui, B. (2024) "Durable Viral Suppression Among Transgender and Cisgender Individuals Enrolled in a Medicaid Special Needs Plan". International Workshop on HIV and Hepatitis in Observational Data 2024. March 21-23

Cavanaugh, R., Olivieri-Mui, B., & Smith, L. (2023). Treatment Dosage in Aphasia Rehabilitation: From Research Efficacy to Real-World Evidence. Seminar accepted at the American Speech-Language Hearing Association Convention, Thursday, November 16, 2023, Boston, MA.

2023

<u>Wong, C. N.\*</u>, Smith, L. H., **Cavanaugh, R.,** & Olivieri-Mui, B. (2023). Unraveling the Mediating Role of Frailty: Understanding Health Care Utilization among Older Sexual and Gender Minority Adults in the All of Us Research Program. Poster presented at the 2023 OHDSI Symposium, East Brunswick, NJ.

Yanover, C., Smith, L., ElHay, T., Olivieri-Mui, B., Bivas-Benita, M., Cavanaugh, R., Akiva, P., Wong, C. N., & Orkaby, A. (2023). Validation and Comparison of Frailty Indexes: An OHDSI Network Study. Poster presented at the 2023 OHDSI Symposium, East Brunswick, NJ.

**Cavanaugh, R.,** Are there research - practice dosage gaps in neurorehabilitation? Invited talk presented at the Monthly Brain Injury Team Meeting, Carolinas Rerhabilitation, September 12, 2023, Charlotte, NC

**Cavanaugh, R.,** Dalton, S., & Richardson, J. (2022). Novel Web Applications to Facilitate Discourse Analysis in Everyday Clinical Practice. Paper presented at the American Speech-Language-Hearing Association Annual Convention. Friday, November 18, 2022, New Orleans, Louisiana.

2022

**Cavanaugh, R.,** & Swiderski, A., Steel, S., Fergadiotis, G., Hula, W.D. (2022). Computer Adaptive Naming Assessment for Aphasia: A New Tool for SLPs. Paper presented at the American Speech-Language-Hearing Association Annual Convention. November 18, 2022, New Orleans, Louisiana.

Goldberg, E., Dickey, M., Hula, W., Cavanaugh, R., Swiderski, A., & Autenreith, A. (2022). Cognitive Functions Supporting Learning Over Time in Naming Treatment for Aphasia. Paper presented at the American Speech-Language-Hearing Association Annual Convention. Friday, November 18, 2022, New Orleans, Louisiana.

Smith, A., Williams, C., Hambridge, T., Harmon, T., Wallace, S., Brancamp, T., Biel, M., Evans, W., & Cavanaugh, R. (2022). Basic Psychological Need Satisfaction and Frustration in Aphasia: Correlations With Aphasia Severity and Mood. Poster presented at the American Speech-Language-Hearing Association Annual Convention, Friday, November 18, 2022, New Orleans, Louisiana.

**Cavanaugh R.,** Swiderski, A., Goldberg, E., Hula, W.D., Evans, W.S., Dickey, M.W.., (2022) Within-trial evidence for the Importance of Feature Generation during Semantic Feature Analysis. Platform accepted at Academy of Aphasia (October 2022). *Note: Awarded Best Student Presentation* 

**Cavanaugh R.,** Swiderski, A., Hula, W.D., Fergadiotis, G., Steel, S., (2022) The PNT-CAT: A Computer Adaptive Test Version of the Philadelphia Naming Test. Poster presented at the International Aphasia Rehabilitation Conference (June 2022).

**Cavanaugh, R,** Brancamp, T, Harmon, T, Wallace, S, Biel, M, Hambridge, T, Caputo, M, Evans, WS (2022). Measuring Post-traumatic Growth in People with Aphasia. Abstract for poster presentation, annual Clinical Aphasiology Conference (May 2022). Wrightsville Beach, NC

Brancamp, T, **Cavanaugh, R,** Harmon, T, Wallace, S, Biel, M, Hambridge, T, Caputo, M, Evans, WS (2022). Individual-level predictors of post-traumatic growth and depreciation in aphasia. Abstract for platform presentation, annual Clinical Aphasiology Conference (May 2022). Wrightsville Beach, NC

- Schliep, M., Cavanaugh, R., Tierney-Hendricks, C., Schnek, S., Douglas, N., (2022). Leveraging Implementation Science to Advance the Reach of Aphasia Best Practices. Abstract for roundtable presentation, annual Clinical Aphasiology Conference (May 2022). Wrightsville Beach, NC
- Evans, WS, Kelly, A, Meyer, E, Skidmore, E, Pompon, R, Flowers, R, Cavanaugh, R (2022). Adapting acceptance and commitment therapy for stroke survivors with aphasia. Abstract for platform presentation, annual Clinical Aphasiology Conference (May 2022). Wrightsville Beach, NC.
- Steel, S., Cavanaugh R., Fergadiotis, G., Hula, W.D., (2022) Bridging the gap: Measuring perceived barriers and facilitators of a novel anomia assessment tool. Lightning talk, Implementation Science is for All: A CSD Practice-Research Exchange (April 2022).
- Evans, W.S., Quique, Y.M., Cavanaugh, R, Lescht, E. (2021). Effects of adaptive distributed practice and stimuli variability in flashcard-based anomia treatment. Abstract for poster presentation, 59th Academy of Aphasia, Online
- **Cavanaugh, R.** Quique, Y, Boss, E, Hula, W.D., and Evans, W.S. (2021). Practicing with BEARS: Active Ingredients in Semantic Feature Analysis. Abstract for poster presentation, 51st annual Clinical Aphasiology Conference, Online
- Evans, W.S., Cavanaugh, R., Quique, Y., Boss, E., Dickey, M.W., Doyle, P., Starns, J.J., and Hula, W.D., (2021). BEARS-Balancing Effort, Accuracy, and Response Speed in semantic feature verification anomia treatment. Abstract for platform presentation, 50th annual Clinical Aphasiology Conference, Online..
- Quique, Y., Cavanaugh, R., Starns, J.J., Boss, E., Hula, W.D., and Evans, W.S. (2021). Estimating the speed-accuracy tradeoff "Sweet Spot" in language performance for people with aphasia: replication and extension of a diffusion-model based approach. Abstract for poster presentation, 50th annual Clinical Aphasiology Conference, Online.
- Boyle M, Akers C, **Cavanaugh R.**, Hula WD, Swiderski A, Elman R. (2021) Changes in informativeness following communication-based group treatment for chronic aphasia. Abstract for platform presentation, 50th annual Clinical Aphasiology Conference, Online.
- Akers, C, Boyle M, Swiderski A, Hula WD, Cavanaugh R., Elman R. (2021) Using complete utterances to measure change in conversational discourse following communication- based group treatment. Abstract for poster presentation, 51st annual Clinical Aphasiology Conference, Online
- **Cavanaugh, R.**, Kravetz, C., Jarold, L., Quique, Y., Turner, R., Evans, W.S. (2021). Is there a research-practice dosage gap in aphasia rehabilitation? Abstract for poster presentation, Aphasia Access Leadership Summit, online.
- <u>Nguy, B</u>, Cavanaugh, R., Quique, Y, Evans, WS. (2021). Are Aphasia Research Participants Representative of the Post-Stroke Aphasia Population in the US? Abstract for poster presentation, Aphasia Access Leadership Summit. Online conference.

2020	<b>Cavanaugh, R.</b> , Kravetz, C., Jarold, L., Quique, Y., Turner, R., Evans, W.S. (2020). Is there a research-practice dosage gap in aphasia rehabilitation? Abstract for poster presentation, 16th Annual Rehabilitation Institute Research Day. Pittsburgh, PA
	Cavanaugh, R., Terhorst, L., Swiderski, A.W., Hula, W.D., Evans, W.S. (2020). A Systematic Appraisal of Individual Effect Sizes in Aphasia Single-Case Designs via Simulation. Abstract for poster presentation, 58th Academy of Aphasia, Philadelpha PA.
	Evans, WS, Cavanaugh, R., Quique, Y, Boss, E, Dickey, MW, Doyle, P, Starns, J, and Hula, W (2020). BEARS- Balancing Effort, Accuracy, and Response Speed in semantic feature verification anomia treatment. Abstract for platform presentation, annual Academy of Aphasia Conference (virtual online conference).
	<b>Cavanaugh, R.,</b> Kravetz, C., Evans, W.S. Utilization and Disparities in Outpatient Aphasia Rehabilitation in Western Pennsylvania. Abstract for poster presentation, Pennsylvania Speech-Language Hearing Association Annual Conference, Pittsburgh, PA (Conference Canceled).
2019	Cavanaugh, R., Evans, W.S., Gravier, M., Autenreith, A., Ashmore, E., Doyle, P., Hula, W., Dickey, M.W., (2019). Do the kinds of features that patients generate during Semantic Feature Analysis affect treatment outcomes? Poster presented at the 2019 Clinical Aphasiology Conference in Whitefish, MT.
2018	<b>Cavanaugh, R.B.,</b> Haley, K.L. (2018) Subjective communication difficulties in very mild aphasia. Abstract for poster presentation, 48th annual Clinical Aphasiology Conference, Austin, TX.
2014	<b>Cavanaugh, R.B.,</b> & Haley, K. (2014, April) Accounting for Aphasia-Related Language Deficits in Verbal Working Memory Assessments: A Literature Review. Poster presented at the 2014 SPHS Student Research Day in Chapel Hill, NC.
Teaching	
2023	Mentor, The All of Us Research Scholar Program
2022	Introduction to R: Workshop for incoming PhD students in CSD - University of Pittsburgh
	• Led, organized, and co-designed 3-day hybrid-remote workshop
	Introduction to R: Workshop for faculty, staff, and students in CSD - University of Pittsburgh
	• Led, organized, and co-designed 3-day hybrid-remote workshop
	CSD M.S. Clinical Integration Project
	Review and feedback for M.S SLP students 1st year projects
2021	SPHS-S 685: Research and Ethics in Speech, Language, and Hearing Sciences (University of Indiana Bloomington; Dr. Brielle Stark)
	Guest Lecture: Writing an NIH NRSA F31 Fellowship Application
	CSD M.S. Summative Assessment Project
	• Review and feedback for M.S SLP students comprehensive exams
2020	CSD 2230: Neurogenic Language and Cognitive Communication Disorders
	Guest Lecture 1: TBI: Pathophysiology and Medical Considerations

• Guest Lecture 2: Case studies in adult neurological communication disorders

	SPHS 742: Aphasia (University of North Carolina at Chapel Hill; Dr. Katarina Haley)
	• Guest Lecture: Applying treatment research in clinical practice settings
	CSD M.S. Summative Assessment Project
	• Review and feedback for M.S SLP students comprehensive exams
2019	CSD 2230: Neurogenic Language and Cognitive Communication Disorders
20.5	• Guest Lecture 1: TBI: Pathophysiology and Medical Considerations
	• Guest Lecture 2: Case studies in adult neurological communication disorders
	CSD M.S. Summative Assessment Project
	• Review and feedback for SLP students comprehensive exams
Media	
2023	Determinants of Multilevel Disource Outcomes in Anomia Treatment for Aphasia. The Language Neuroscience Podcast (Dr. Stephen Wilson) episode #28, October 14, 2023
2021	Voltage Drop and Aphasia Treatment: Thinking About the Research-Practice Dosage Gap in Aphasia Rehabilitation: A Conversation with Rob Cavanaugh" Aphasia Access Conversations podcast, episode #77, October 28, 2021.
Software &	& Technology
2023	Smith, L.H., <b>Cavanaugh, R.</b> (2023). allofus: An R package to streamline use of the AllofUs Research Workbench. Version 0.1.0. Available from https://cran.r-project.org/web/packages/allofus
2022	Cavanaugh, R., Smith, L.H. (2023). ohdsilab: Tools for using Roux OHDSI Lab at Northeastern University Version 0.0.0.9. Available from https://github.com/roux-ohdsi/ohdsilab
2022	Cavanaugh, R., Aphasia Rehabilitation Research Technology Mapping Project https://robcavanaugh.com/aphasia-tech-map/
2022	Cavanaugh, R., Dalton, S.G., Richardson, J, (2022). mainConcept. Available from: https://rb-cavanaugh.shinyapps.io/mainConcept
2022	<b>Cavanaugh, R.,</b> Dalton, S.G., Richardson, J, (2022). coreLexicon. Available from: https://rb-cavanaugh.shinyapps.io/coreLexicon
	<b>Cavanaugh, R.,</b> Swiderski, A.M., Hula, W.D. (2022). acom: The Aphasia Communication Outcome Measure. Version 0.4.0.2 Available from https://github.com/rbcavanaugh/acom.
2022	Cavanaugh, R., Aphasia Research Finder. https://aphasiaresearch.org
	Cavanaugh, R., Swiderski, A.M., Fergadiotis, G. & Hula, W.D. (2022). pnt: Computer adaptive forms of the Philadelphia Naming Test. Version 0.1.1 Available from https://github.com/rbcavanaugh/pnt.
2021	Kowalski, J., and Cavanaugh R. (2021). TBDBr: Easy Access To TalkBankDB via R API. https://github.com/TalkBank/TalkBankDB-R
Scholarshi	ips and Awards
2022	NIH-NIDCD Academy of Aphasia conference grant (R13 DC017375-01)
	Plural Publishing Research Scholarship
2020	ANCDS Conference Student Fellowship

2019 2014	NIH-NIDCD Academy of Aphasia conference grant (R13 DC017375-01)  NIH-NIDCD Fellowship: Research Symposium in Clinical Aphasiology  Adult Communication Disorders Annual Scholarship, UNC-Chapel Hill  Robert W. Peters Award for excellence in research, UNC-Chapel Hill			
Professional Memberships				
2021 —	Member, Collaboration of Aphasia Trialists: Effectiveness of Aphasia Interventions, Implementation Science			
2016 —	CCC-SLP: American Speech-Language and Hearing Association (ASHA)			
2015 —	SLP: Board of Examiners in Speech-Language Pathology, North Carolina			
2015 - 2023	Member, ASHA SIG 2: Neurogenic Communication Disorders			
Service				
2023 —	Ad hoc reviewer. International Aphasia Rehabilitation Conference			
2020 —	Ad hoc reviewer. Journal of Speech Language Hearing Research			
2020 —	Ad hoc reviewer. American Journal of Speech-Language Pathology.			
2021 —	Ad hoc reviewer. Aphasiology			

Ad hoc reviewer, ASHA Annual Convention: Adult Language Section

2020 - 2022