

Robert B. Cavanaugh PhD, CCC-SLP

Assistant Professor

School of Health and Rehabilitation Sciences

MGH Institute of Health Professions

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Last updated on 2025-03-07

Education

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| 2023 | Ph.D. Communication Science and Disorders
University of Pittsburgh, Pittsburgh, PA
<i>Dissertation: Determinants of Multilevel Discourse Outcomes in Anomia Treatment for Aphasia</i> |
| 2015 | M.S. Speech and Hearing Sciences
University of North Carolina at Chapel Hill, Chapel Hill, NC
<i>Thesis: Working Memory Capacity and Subjective Communication Difficulties in High Level Aphasia</i> |
| 2013 | B.A. Communication Science and Disorders
University of Pittsburgh, Pittsburgh, PA |

Academic and Clinical Positions

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| 2025 — | Assistant Professor, Quantitative Methods
Department of Communication Sciences and Disorders
Department of Genetic Counseling
School of Health and Rehabilitation Sciences
MGH Institute of Health Professions, Boston, MA |
| 2023 — 2025 | Health Research Data Analyst
Office of the Dean, Bouvé College of Health Sciences
The Roux Institute
Observational Health Data Science and Informatics Center
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-Language 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

Certificates and Licensure

2016 —	CCC-SLP, American Speech-Language and Hearing Association #14093359
2015 —	SLP: Board of Examiners in Speech-Language Pathology, North Carolina. #11847

Funding

	Veterans Administration RR&D (Currently Under Review) <i>Multidimensional Adaptive Assessment of Language Impairment in Aphasia</i> Role: Co-I MPI: William D. Hula, Gerasimos Fergadiotis
	NIH-ODSS R03 (Currently Under Review) <i>Extending and improving the allofus package to facilitate use of the All of Us Researcher Workbench</i> Role: Co-I PI: Louisa Smith, Co-I: Marcus Sherman
2024 — 2025	Once Upon a Time Foundation <i>Effects of Dose Frequency on DTTC Treatment Outcomes in CAS: A randomized control trial.</i> 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 <i>Characterizing usual-care rehabilitation dose in intensive care and acute care settings</i> Role: PI; Direct Costs: \$12,539
2021 — 2023	NIH-NIDCD F31 DC019853 Ruth L. Kirschstein NRSA <i>Determinants of multilevel discourse outcomes in anomia treatment for aphasia</i> Role: PI; Impact Score: 25; Direct Costs: \$68,482 Sponsors: Michael Walsh Dickey & William S. Evans
2021 — 2023	Audrey Holland Endowed Award <i>Determinants of multilevel discourse outcomes in anomia treatment for aphasia</i> Role: PI; Direct Costs: \$2000
2019 — 2021	NIH-NCATS NRSA TL1 University of Pittsburgh <i>Comparing Treatment Intensity between Research and Clinical Practice in Post-Stroke Aphasia</i> 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

Publications

Mentored Student / Trainee works are underlined

- 2025 Harmon TG., Williams C, Brancamp T, Hambridge T, Wallace SE., Evans WS, Biel M, **Cavanaugh R.**, & Caputo M. (2025). "I'm Never Gonna Go Back So I've Gotta Do It Forward": Exploring Posttraumatic Growth in Aphasia. *American Journal of Speech-Language Pathology*. https://doi.org/10.1044/2024_AJSLP-24-00351
- 2024 **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*, 67(9):3094–3112. doi: 10.1044/2024_JSLHR-24-00030.
- 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, L. H., & **Cavanaugh, R.** (2024). allofus: an R package to facilitate use of the All of Us Researcher Workbench. *Journal of the American Medical Informatics Association*, 31(12), 3013–3021.
- 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.
- 2022 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

Presentations & Invited Talks

Mentored Student / Trainee works are underlined

2024

Cavanaugh, R., Current evidence for speech-language services for individuals with post-stroke aphasia: The challenge of dose-response relationships. Invited Presentation, 7th annual ROMS Outcomes Conference, Intermountain Mountain Medical Center. October 11, 2024

Cavanaugh, R., Yanover, C., Wong, C., El-Hay, T., Orkaby, A., Bivas-Benita, M., Akiva, P., Smith, L. and Olivieri-Mui, B. Evaluating Frailty Index Integrity: Insights from an International Network Study. Presented at the Gerontology Society of America, November 2024, Seattle, WA.

Wong, C.N., Smith, L.H., **Cavanaugh, R.,** Kim, D.H., Streed, Jr., C.G., Kapadia, F., Olivieri-Mui, B. "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. Poster presented at the International AIDS Society Conference. July 2024.

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., The potential for rehabilitation research in two accessible OMOP assets: the All of Us research program and IQVIA Pharmedics Plus for Academics. Invited talk. OHDSI Rehabilitation Working Group. Online. March 2024

2023

Cavanaugh, R., Olivieri-Mui, B., & Smith, L. 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.

Cavanaugh, R (2023) Are there research - practice dosage gaps in neurorehabilitation?. Invited presentation, Carolinas Rehabilitation, Charlotte NC., September, 2023

Wong, C.N.*, Smith, L. H., **Cavanaugh, R.,** & Olivieri-Mui, B. 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.

2022

Cavanaugh, R., Are there research - practice dosage gaps in neurorehabilitation? Invited talk presented at the Monthly Brain Injury Team Meeting, Carolinas Rehabilitation, 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.

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

Goldberg, E, Dickey, M.W., Hula, W.D., **Cavanaugh, R.** Swiderski, A., Autenreith, Alyssa. (2022). Cognitive functions supporting learning over time in naming treatment for 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).

2021

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.

Nguy, B., **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

Cavanaugh, R., 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, Philadelphia 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).

Cavanaugh, R., 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 **Cavanaugh, R.B.**, Haley, K.L. (2018) Subjective communication difficulties in very mild aphasia. Abstract for poster presentation, 48th annual Clinical Aphasiology Conference, Austin, TX.

2014 **Cavanaugh, R.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

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| 2024 | How much change is it, really? Lecture for RS 940 Advanced Measurement in Health and Rehabilitation Science, Institute for Health Professions, Massachusetts General Hospital |
| 2024 | Determinants of Multilevel Discourse Outcomes in Anomia Treatment for Aphasia. Lecture for SPHS 742 Aphasia, Dept. Speech and Hearing Sciences, University of North Carolina at Chapel Hill |
| 2023 | Mentor, The All of Us Research Scholar Program |
| 2022 | <p>Introduction to R: Workshop for incoming PhD students in CSD - University of Pittsburgh</p> <ul style="list-style-type: none"> • Led, organized, and co-designed 3-day hybrid-remote workshop <p>Introduction to R: Workshop for faculty, staff, and students in CSD - University of Pittsburgh</p> <ul style="list-style-type: none"> • Led, organized, and co-designed 3-day hybrid-remote workshop <p>CSD M.S. Clinical Integration Project</p> <ul style="list-style-type: none"> • Review and feedback for M.S. - SLP students 1st year projects |
| 2021 | <p>SPHS-S 685: Research and Ethics in Speech, Language, and Hearing Sciences (University of Indiana Bloomington; Dr. Brielle Stark)</p> <ul style="list-style-type: none"> • Guest Lecture: Writing an NIH NRSA F31 Fellowship Application <p>CSD M.S. Summative Assessment Project</p> <ul style="list-style-type: none"> • Review and feedback for M.S. - SLP students comprehensive exams |
| 2020 | <p>CSD 2230: Neurogenic Language and Cognitive Communication Disorders</p> <ul style="list-style-type: none"> • Guest Lecture 1: TBI: Pathophysiology and Medical Considerations • Guest Lecture 2: Case studies in adult neurological communication disorders <p>SPHS 742: Aphasia (University of North Carolina at Chapel Hill; Dr. Katarina Haley)</p> <ul style="list-style-type: none"> • 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

- 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., **Cavanaugh, R.** (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://robavanaugh.com/aphasia-tech-map/>
- 2022 **Cavanaugh, R.**, Dalton, S.G., Richardson, J, (2022). mainConcept. Available from: <https://rb-cavanaugh.shinyapps.io/mainConcept>
- 2022 **Cavanaugh, R.**, Dalton, S.G., Richardson, J, (2022). coreLexicon. Available from: <https://rb-cavanaugh.shinyapps.io/coreLexicon>
- Cavanaugh, R.**, 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>

Scholarships and Awards

- 2022 NIH-NIDCD Academy of Aphasia conference grant (R13 DC017375-01)
Plural Publishing Research Scholarship
- 2020 ANCDs Conference Student Fellowship
NIH-NIDCD Academy of Aphasia conference grant (R13 DC017375-01)
- 2019 NIH-NIDCD Fellowship: Research Symposium in Clinical Aphasiology

2014 Adult Communication Disorders Annual Scholarship, UNC-Chapel Hill
Robert W. Peters Award for excellence in research, UNC-Chapel Hill

Service

2021 —	Member, Collaboration of Aphasia Trialists: Effectiveness of Aphasia Interventions, Implementation Science
2024	Program Committee, Clinical Aphasiology Conference
2024	Reviewer, Aphasia Access Leadership Summit
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
2020 — 2022	Ad hoc reviewer, ASHA Annual Convention: Adult Language Section