Robert B. Cavanaugh PhD, CCC-SLP

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MGH Institute of Health Professions
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Last updated on 2025-06-25

Education

2023	**Ph.D. Communication Science and Disorders** University of Pittsburgh, Pittsburgh, PA *Dissertation: Determinants of Multilevel Discourse Outcomes in Anomia Treatment for Aphasia*
2015	**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*
2013	**B.A. Communication Science and Disorders** University of Pittsburgh, Pittsburgh, PA

Academic and Clinical Positions

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-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

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

2025 —
SLP; Board of Registration for Speech-Language Pathology and Audiology. Massachusetts. #SLP101658

2015 — 2025
SLP: Board of Examiners in Speech-Language Pathology, North Carolina. #11847

Funding

Veterans Administration RR&D (Pending)
Multidimensional Adaptive Assessment of Language Impairment in Aphasia
Role: Co-I
MPI: William D. Hula, Gerasimos Fergadiotis

NIH-ODSS R03 (Not Funded)
Extending and improving the allofus package to facilitate use of the All of Us Researcher Workbench
Role: Co-I
PI: Louisa Smith, Co-I: Marcus Sherman

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

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

Publications

Mentored Student / Trainee works are underlined

2025 Quique, Y.M., Larkin, E., **Cavanaugh, R.,** Heinemann, A., Cherney, L.R., (2025) Using open-source software to help Spanish speakers with aphasia learn everyday sentences: a single-case experimental design. American Journal of Speech-Language Pathology. *In Press*

Babiak, M. C., Hula, W. D., Autenreith, A., Nader, M. M., Hula, S. A., Swiderski, A., **Cavanaugh, R.,** Nunn, K., Johnson, J. P., & Dickey, M. W. (n.d.). Interim Treatment Fidelity for a Randomized Controlled Comparative Effectiveness Trial of Two Variants of Semantic Feature Analysis Treatment for Aphasia.

<u>Ratnayake, A.,</u> **Cavanaugh, R.,** Brennan-Ing, M., Olivieri-Mui, B. (2025) Durable HIV Viral Suppression Among Transgender and Gender Diverse Individuals Enrolled in a Medicaid Special Needs Plan. Transgender Health. *In Press*

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.

<u>Wong, CN.</u>, 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

2025   **Cavanaugh, R.**, Schliep, M., Oshita, J., Douglas, N., (2025) Collaborating with Learning Health Systems to Generate Evidence and Advance Aphasia Rehabilitation. [Platform presentation]. Clinical Aphasiology Conference, Albuquerque, NM.

Goodman, M., van der Stelt, C., **Cavanaugh, R.,** & Evans, W.S. (2025). Systematic Probe List Generation for Measuring Treatment Outcomes and Generalization in Anomia. [Platform presentation]. Clinical Aphasiology Conference, Albuquerque, NM.

Cavanaugh, R., Tilton, C., Mormer, E., Guideline Adherence in Post-Stroke Aphasia and Related Disorders: Examining Post-Acute Service Utilization [Platform presentation]. Clinical Aphasiology Conference, Albuquerque, NM.

Evans, W.S., Li, Q.Y., **Cavanaugh, R., Stark, B., Dickey, M.W., Wallace, S.E. (2025) Long-term Test-Retest Reliability of Core Nouns from a Novel Discourse Battery. [Poster presentation]. Clinical Aphasiology Conference, Albuquerque, NM.

Cavanaugh, R., Goodman, M., Dresang, H. (2025) Post-stroke Aphasia and Related Disorders in the All of Us Research Program: Prevalence, Limitations, and Opportunities for Research. [Poster presentation]. Aphasia Access, Pittsburgh, PA. .

Bennett, C., **Cavanaugh, R.,** Smith, L.H., (2025) Challenges in Evaluating the Impact of CGMs on Racial Disparities: Design Considerations for a Target Trial Emulation using All of Us Data. [Poster Presentation]. Society for Epidemiological Research. Boston, MA

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, CN., Smith, LH., **Cavanaugh, R.**, Kim, DH., Streed, Jr., CG., 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 Pharmetrics Plus for Academics. Intvited 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 Rehabilitaiton, 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.

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

2022   **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 Analsyis. 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, 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).

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

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	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
	• 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://robcavanaugh.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