Robert Cavanaugh

M.S. CCC-SLP

I'm a certified speech-language pathologist and Ph.D student in the Department of Communication Science and Disorders at the University of Pittsburgh. My research currently focuses on the translation and clinical implementation of treatments for aphasia and related disorders. I have worked clinically in inpatient and outpatient rehabilitation settings, specializing in assessment and treatment of acquired and degenerative neurogenic communication disorders.

🎓 Education

PhD Student, Communication Science and Disorders
Current | 2018
University of Pittsburgh
📍 Pittsburgh, PA

M.S. Speech and Hearing Sciences
2015 | 2013
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
2013 | 2009
University of Pittsburgh
📍 Pittsburgh, PA
- Magna cum laude

💼 Appointments & Positions

Predoctoral Fellow
Current | 2019
Institute for Clinical Research Education
University of Pittsburgh
TL1TR001858 (PI: Kraemer)

Graduate Student Researcher
Current | 2018
Language Rehab and Cognition Lab
University of Pittsburgh
PI: William S. Evans

Research Associate, WOC
Current | 2018
Department of Speech Pathology and Audiology
VA Pittsburgh Healthcare System

Graduate Research Assistant
2015 | 2013
Center for Aphasia and Related Disorders
UNC - Chapel Hill
PI: Katarina Haley

Undergraduate Research Assistant
2013 | 2010
Eye and Ear Institute
University of Pittsburgh Medical Center
PI: Patrick Sparto

Contact

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Key Interests

- 📈 Aphasia treatment outcomes
- 👥 Implementation Science
- 🍰 Data science & Statistics
- ® #R Stats & R Shiny

⬇ *Download a PDF of this CV*

Last updated on 2021-05-18.

🏛 Clinical Training

2018 | 2016

Speech-Langauge Pathologist II
Carolinas Rehabilitation, Atrium Health
Formerly, Carolinas Healthcare System

📍 Charlotte, NC

2018 | 2016

Speech-Langauge Pathologist II
Carolinas Neurosciences Institute, Atrium Health

📍 Charlotte, NC

2016 | 2015

Speech-Langauge Pathologist - Clinical Fellow
Carolinas Rehabilitation, Atrium Health

📍 Charlotte, NC

✏ Grant Support

pending

1 F31 DC019853-01 NIH-NIDCD NRSA individual predoctoral fellowship: *Determinants of multilevel discourse outcomes in anomia treatment for aphasia*

Role: PI; Impact Score: 25
Sponsors: Michael Walsh Dickey & William S. Evans

Current | 2019

The University of Pittsburgh CTSI–Clinical and Translational Science Fellowship: *Comparing Treatment Intensity between Research and Clinical Practice in Post-Stroke Aphasia*

Role: Predoctoral Fellow
TL1TR001858 (PI: Kraemer)
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

in press

Cavanaugh, R.B., Kravetz, C., Jarold, L., Quique, Y., Turner, R., Evans, W.S. (in press). Is there a research-practice dosage gap in aphasia rehabilitation? American Journal of Speech-Language Pathology

in press

Evans, WS, **Cavanaugh, R.B.,** Quique, Y, Boss, E, Starns, J.J., Hula, W.D. (in press). Playing with BEARS: Balancing Effort, Accuracy, and Response Speed in a Semantic Feature Verification Anomia Treatment Game. Journal of Speech, Language, and Hearing Research.

in press

Kersey J, Evans WS, Mullen K, Askren A, **Cavanaugh R**, Wallace SE, Hula WD, Dickey MW, Terhorst L, Skidmore ER. (in press). Metacognitive strategy training is feasible for people with aphasia. OTJR: Occupation, Participation, and Health.

2021 • Evans, W. S., **Cavanaugh, R. B.**, Gravier, M. L., Autenreith, A. S., Doyle, P. J., Hula, W. D., Dickey Michael, W., & Dickey, M. W. (2020). 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

2021 • **Cavanaugh, R.B.,** Quique, Y, Boss, E, Hula, W.D., and Evans, W.S. (2020). Practicing with BEARS: Active Ingredients in Semantic Feature Analysis. Abstract for poster presentation, 51st annual Clinical Aphasiology Conference, Online

2021 • **Cavanaugh, R.B.**, 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.

2020 • **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

2020 • **Cavanaugh, R.B.,** 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.

2020 • **Cavanaugh, R.B.,** Quique, Y, Boss, E, Hula, W.D., and Evans, W.S. (2020). Practicing with BEARS: Active Ingredients in Semantic Feature Analysis. Abstract for poster presentation, 50th annual Clinical Aphasiology Conference (Conference canceled).

2020 • Evans, W.S., **Cavanaugh, R.B.,** Quique, Y., Boss,E., Dickey, M.W., Doyle , P, Starns,J.J.,and Hula, W.D., (2020). BEARS-Balancing Effort, Accuracy, and Response Speed in semantic feature verification anomia treatment. Abstract for platform presentation, 50th annual Clinical Aphasiology Conference (Conference canceled).

2020 • Quique,Y., **Cavanaugh, R.B.,** Starns, J.J., Boss, E., Hula, W.D., and Evans, W.S. (2020). 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 (Conference canceled).

2020 • **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.B.,** 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

2020   CSD M.S. Summative Assessment Project

     • Peer-review of 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

2020   SPHS 742: Aphasia (University of North Carolina at Chapel Hill)

     • Invited Lecture: Applying treatment research in clinical practice settings

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

🎗 Honors and Awards

2020   ANCDS Conference Student Fellowship

2020   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

2014   Robert W. Peters Award for excellence in research, UNC-Chapel Hill

❇ Certification, Licensure, Memberships, and Service

2020 -   Reviewer, ASHA Annual Convention: Adult Language Section

2020 -   Member, Academy of Neurologic Communication Disorders and Sciences

2016 - CCC-SLP: American Speech-Language and Hearing Association (ASHA)

2015 - SLP: Board of Examiners in Speech-Language Pathology, North Carolina

2015 - Member, ASHA SIG 2: Neurogenic Communication Disorders

🖥 Software

2021 Kowalski, J., and Cavanaugh R.B. (2021). TBDBr: Easy Access To TalkBankDB via R API. https://github.com/TalkBank/TalkBankDB-R, https://talkbank.github.io/TalkBankDB-R/.