

Yina Quique, PhD

I am a clinician-scientist committed to improving rehabilitation outcomes and healthcare services for stroke survivors with aphasia. I am especially interested in developing culturally-sensitive and language-specific interventions for Spanish speakers with aphasia.

Education






- 2020 —
Current • Postdoctoral Fellow
Northwestern University, Chicago, IL
- 2015 —
2019 • Ph.D. Communication Science and Disorders
University of Pittsburgh, Pittsburgh, PA
 - Dissertation: Get in Sync: Entrainment Mechanisms and Individual Characteristics Associated with Scripted-Sentence Learning in Aphasia
- 2010 —
2012 • M.S., Music Therapy
National University of Colombia, Bogota, Colombia
- 2002 —
2006 • B.A., Speech and Language Pathology
National University of Colombia, Bogota, Colombia

Appointments & Positions





- 2020 —
Current • Postdoctoral Fellow
Center for Education in Health Sciences
Northwestern University
PI: Neil Jordan, Allen Heinemann, Leora Cherney, Cindy Nowinski,
- 2017 —
2019 • Lab Manager and Graduate Research Assistant
Language Rehab and Cognition Lab
University of Pittsburgh
PI: William S. Evans,
- 2015 —
2019 • Graduate Student Researcher
Language and the Brain Lab
University of Pittsburgh
PI: Michael W. Dickey,
- 2016 —
2017 • Research Associate, WOC
Department of Speech Pathology and Audiology
VA Pittsburgh Healthcare System,
- 2012 —
2015 • Research and Teacher Assistant
Manuela Beltran University
Speech Pathology Lab
PI: Ana Vega,



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Key Interests

-  Aphasia treatment outcomes
-  Spanish speakers with aphasia
-  Health services and outcomes research
-  Technology for aphasia rehabilitation

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Last updated on 2022-02-22.



Grant Support

- 2020 ● PhD Scholarship from the Council of Academic Programs in Communication Sciences and Disorders (CAPCSD)
Role: Predoctoral Fellow
- 2019 ● New Century Scholars Doctoral Scholarship. American Speech-Language-Hearing Foundation
Role: Predoctoral Fellow
- 2019 ● School of Health and Rehabilitation Sciences Doctoral Student Award
Role: Predoctoral Fellow
- 2017 ● Tinker Summer Research Grant, Center for Latin American Studies, University of Pittsburgh
Role: Predoctoral Fellow
- 2015 — 2019 ● Fulbright Program Scholarship. US Department of State
Role: Predoctoral Fellow



Publications

- in press ● Cavanaugh, R., **Quique, Y.**, Dickey, M.W., Hula, W.D., Boss, E., Evans, William S. (In Press) Practice-related predictors of semantic feature verification treatment for aphasia. American Journal of Speech-Language Pathology
- in press ● Nguy, B., **Quique, Y.**, Cavanaugh, R., Evans, William S. (In Press) Representation in aphasia research: an examination of US treatment studies published between 2009 and 2019. American Journal of Speech-Language Pathology
- in press ● **Quique, Y.**, Evans, W., Ortega-Llebaria, M., Zipse, L., M., & Dickey, M. (in press) Get in sync: Active Ingredients and Patient Profiles in Scripted-Sentence Learning in Spanish Speakers with Aphasia. Journal of Speech, Language, and Hearing Research.
- 2021 ● **Quique, Y.**, Swiderski, A. M., Hula, W., & Dickey, M. (2021). Treatment of Underlying Forms: A Bayesian meta-analysis of the effects of treatment and person related variables on treatment response. Journal of Speech, Language, and Hearing Research. 64(11), 4308–4328. **Shared first authorship**
- 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.
- 2021 ● Evans, WS, Cavanaugh, R.B., **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.

- 2021 ● Evans, WS, **Quique, Y.** (2021). Understanding speed-accuracy processing dynamics in aphasia using response time modeling. *Seminars in Speech and Language*. Jun;42(3):240-255.
- 2020 ● Evans, W. S., Hula, W.D., **Quique, Y.**, Starns, J.J. (2020). How much time do people with aphasia need to respond during picture naming? Estimating optimal response time cutoffs using a multinomial ex-gaussian approach. *Journal of Speech, Language, and Hearing Research*. 1–16.
- 2019 ● **Quique, Y. M.**, Evans, W. S., & Dickey, M. W. (2019) Acquisition and generalization responses in aphasia naming treatment: a meta-analysis of Semantic Feature Analysis outcomes. *American Journal of Speech-Language Pathology*, 28(1S), 230-246.

Refereed Presentations

- 2021 ● **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
- 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 ● Evans, W.S., Cavanaugh, R.B., **Quique, Y.**, Boss, E., Dickey, M.W., Doyle, P, Starns, J.J., and Hula, W.D., BEARS-Balancing Effort, Accuracy, and Response Speed in semantic feature verification anomia treatment. Abstract for platform presentation, 50th annual Clinical Aphasiology Conference
- 2021 ● Cavanaugh, R.B., Kravetz, C., Jarold, L., **Quique, Y.**, Turner, R., Evans, W.S. Is there a research-practice dosage gap in aphasia rehabilitation? Abstract for poster presentation, Aphasia Access Leadership Summit, online.
- 2020 ● **Quique, Y.**, Evans, WS., Zipze, L., Dickey, MW., Get in sync: rhythm in speech entrainment as a mechanism for scripted-sentence learning in aphasia. Abstract for poster presentation, annual Academy of Aphasia.
- 2019 ● Evans, WS., **Quique, Y.**, Hula, WD., and Starns, J. How much time do PWA need for naming? Platform presentation, annual Clinical Aphasiology Conference. Whitefish, Montana.
- 2018 ● **Quique, Y.**, Dresang, H., Dickey, MW. Semantic memory for objects, actions & events in Colombian people with aphasia. Abstract for research symposium in Clinical Aphasiology selected poster presentation, annual Clinical Aphasiology Conference. Austin, Texas.

- 2017 ● **Quique, Y.,** Evans, WS and Dickey, MW. Acquisition & generalization responses in aphasia naming treatment: a meta-analysis of semantic feature analysis outcomes. Abstract for Research Symposium in Clinical Aphasiology selected poster presentation, annual Clinical Aphasiology Conference. Snowbird, Utah.
- 2017 ● **Quique, Y. &** Dickey, M. Syntactical processing of musical and linguistic information. Abstract for the Society for Music Perception and Cognition (SMPC) conference. San Diego, July 30-Aug 3, 2017.
- 2016 ● **Quique, Y.,** Dickey, MW. (2016). Acquisition & generalization responses in aphasia naming treatment: a meta-analysis of semantic feature analysis outcomes. Abstract for ASHA convention Technical Session. Philadelphia, Pennsylvania.



Teaching

- 2019 ● Achievement in Pedagogy Badge, University Center for Teaching and Learning - University of Pittsburgh
- 2021 ● Adult Neurogenic Disorders. University of Minnesota. Invited by Dr. Natalie Covington
 - Guest Lecture 1: Rhythm in aphasia interventions
 - Guest Lecture 2: Case studies in adult neurological communication disorders
- 2013 ● College teaching. Online Education Center – Manuela Beltran University. Bogota, Colombia



Honors and Awards

- 2020 ● NIH-NIDCD Fellowship: Research Symposium in Clinical Aphasiology
- 2018 ● National Institute on Deafness and Other Communication Disorders (NIDCD) sponsored. Academy of Aphasia Young Investigator Fellowship
- 2018 ● Summer School on Statistical Methods for Linguistics and Psychology
- 2018 ● Research Mentoring-Pair Travel Award for the ASHA convention
- 2018 ● NIH-NIDCD Fellowship: Research Symposium in Clinical Aphasiology
- 2017 ● NIH-NIDCD Fellowship: Research Symposium in Clinical Aphasiology
- 2017 ● Minority Student Leadership Program. ASHA Convention. Los Angeles, CA
- 2016 ● Academy of Neurologic Communication Disorders and Sciences (ANCDS) Student Fellow
- 2013 ● National University of Colombia Graduate Fellowship. (2 years full tuition)



Certification, Licensure, Memberships, and Service

2018 —
Current

Member, Collaboration of Aphasia Trialists (CATs). Societal Impact and Reintegration Research Group. Assessment and Outcomes Working Group

2016 —
Current

Member, Society for Music Perception and Cognition (SMPC).

2015 —
Current

Member, Center for Latin American Studies (CLAS).