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 & Shirley Ryan AbilityLab, 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, NIDILRR Advanced Rehabilitation Research Training (AART)
Center for Education in Health Sciences
Northwestern University
Mentors: Leora Cherney, Allen Heinemann, 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 2022-06-09.

✎ Grant Support

2021
NIDILRR Advanced Rehabilitation Research Training (AART)
Role: Postdoctoral Fellow

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

under review
Quique, Y., Ashaie, S., Babbit, E., Hurwitz, R., Cherney, L., (under review). Fatigue influences social participation in aphasia: a cross-sectional and retrospective study using patient-reported measures.

under review
Forero, L., Bernal, M., Aguilar, O., **Quique, Y.** (under review). Aphasia Treatments for Spanish Speakers With Aphasia: A Scoping Review.

in revision
Quique, Y., Cavanaugh, R., Lescht, E., Evans, William S. (in revision). Effects of adaptive distributed practice and stimuli variability in self-managed flashcard anomia treatment: a single-case experimental design.

2022
Nguy, B., **Quique, Y.,** 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. 31(3). 1424-1430

2022
Cavanaugh, R., **Quique, Y.,** Dickey, M.W., Hula, W.D., Boss, E., Evans, William S. (2022) Practice-related predictors of semantic feature verification treatment for aphasia. American Journal of Speech-Language Pathology. 1–12. Advance online publication.

2022
Quique, Y., Evans, W., Ortega-Llebaria, M., Zipse, L., M., & Dickey, M. (2022) Get in sync: Active Ingredients and Patient Profiles in Scripted-Sentence Learning in Spanish Speakers with Aphasia. Journal of Speech, Language, and Hearing Research. 65(4), 1478–1493.

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

2022   Babbitt, E., **Quique, Y.,** Ginsberg-Jaeckle, M., Larkin, E., Escarcega, S., Cherney, L., (2022) Training Interpreters in Aphasia Assessments: A Pilot Study. Abstract for poster presentation, 51th annual Clinical Aphasiology Conference

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

2022 FOQUSAphasia. Invited by Dr. Brielle Stark

  • Guest Lecture: Let's Talk about Spanish Speakers with Aphasia

2021 Conversations about aphasia treatment (in Spanish). Invited by Universidad Nacional de Colombia

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

2019 Achievement in Pedagogy Badge, University Center for Teaching and Learning - University of Pittsburgh

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).

2020 — Current • Member, National Association of Medical Spanish (NAMS).