

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

Current 2020	● Postdoctoral Fellow Northwestern University Chicago, IL
2019 2015	● 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
2012 2010	● M.S., Music Therapy National University of Colombia Bogota, Colombia
2006 2002	● B.A., Speech and Language Pathology National University of Colombia Bogota, Colombia

Appointments & Positions

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

Contact

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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 2021-07-17.

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
- 2019 | 2015 ● Fulbright Program Scholarship. US Department of State
Role: Predoctoral Fellow

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
- 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.** Understanding speed-accuracy processing dynamics in aphasia using response time modeling. Seminars in Speech and Language. Jun;42(3):240-255.
- in press ● **Quique, Y.**, Swiderski, A. M., Hula, W., & Dickey, M. 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.
- under review ● **Quique, Y.**, Evans, WS, Ortega-Llebaria, M, Zipze, L., Dickey, MW. Get in Sync: Speech Entrainment Mechanisms and Individual Characteristics for Scripted-Sentence Learning in Aphasia.
- 2020 ● Evans, W. S., Hula, W.D., **Quique, Y.**, Starns, J.J. 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. 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, W.S., Zippe, L., Dickey, M.W., 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, W.S., **Quique, Y.**, Hula, W.D., 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, M.W. 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, W.S. and Dickey, M.W. 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, M.W. (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 - • Member, Collaboration of Aphasia Trialists (CATs). Societal Impact and Reintegration Research Group. Assessment and Outcomes Working Group
- 2016 - • Member, Society for Music Perception and Cognition (SMPC).
- 2016 - • Member, Society for Music Perception and Cognition (SMPC).
- 2015 • Member, Center for Latin American Studies (CLAS).