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

2021 — 2023

Postdoctoral Fellow
Northwestern University & Shirley Ryan AbilityLab, Chicago, IL

2015 — 2020

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

2025 — Current

Assistant Professor
Department of Speech and Hearing Sciences
University of New Mexico (UNM),

2023 — 2024

Fogarty Global Health Fellow
HBNU Global Health Fellows Consortium
Sponsored by the Fogarty International Center, National Institutes of Health (NIH)
Mentors: Leora Cherney & Patricia Garcia, Colombia & Peru

2021 — 2023

Postdoctoral Fellow, NIDILRR Advanced Rehabilitation Research Training (AART)
Center for Education in Health Sciences
Northwestern University
Mentors: Leora Cherney, Allen Heinemann, Cindy Nowinski,

2017 — 2020

Lab Manager and Graduate Research Assistant
Language Rehab and Cognition Lab
University of Pittsburgh
PI: William S. Evans,

2015 — 2020

Graduate Student Researcher
Language and the Brain Lab
University of Pittsburgh
PI: Michael W. Dickey,

Contact

- ✉ yinaquique@northwestern.edu
- 🔗 Website
- ⌗ Github
- ⓘ 0000-0001-9129-4742
- 🐦 Twitter

Key Interests

📈 Aphasia treatment outcomes

🌐 Spanish speakers with aphasia

👥 Health services and outcomes research

⊞ Technology for aphasia rehabilitation

⤓ Download a PDF of this CV

Last updated on 2024-11-01.

2016 — 2017

Research Associate, WOC

Department of Speech Pathology and Audiology
VA Pittsburgh Healthcare System,

✒ Grant Support

2022

NIDILRR Switzer Research Fellowship

Role: PI

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

2024

Hurtado, C., Rojas-Gualdrón, D. F…, **Quique, Y.,** & Koralnik, I. J. (2024). Neurologic manifestations of Long COVID in Colombia: a comparative analysis of post-hospitalization vs. non-hospitalized patients. Frontiers in human neuroscience, 18, 1450110.

2024

Martínez Ferreiro, S., **Quique, Y.,** Rodríguez, V., Méndez Orellana, C., (2024) Linguistic and cultural properties of the Spanish adaptation of the CAT (SP-CAT): pilot results from neurotypical subjects. Aphasiology, 1–25. **Shared first authorship**

2024

Quique, Y., Dickey, M., Dresang, H., (2024). Preliminary investigation of semantic memory assessments in Colombian adults with and without post-stroke aphasia. Neurology Perspectives, 4(1), 100139.

2023

Quique, Y., Gnanateja, GN., Dickey M., Evans W., Chandrasekaran B (2023). Examining cortical tracking of the speech envelope in post-stroke aphasia. Front. Hum. Neurosci. 17:1122480.

2023   **Quique, Y.,** Ashaie, S., Babbit, E., Hurwitz, R., Cherney, L., (2023). Fatigue influences social participation in aphasia: a cross-sectional and retrospective study using patient-reported measures. Archives of Physical Medicine and Rehabilitation, 104(8), 1282–1288

2023   Forero, L., Bernal, M., Aguilar, O., **Quique, Y.** (2023). Aphasia Treatments for Spanish Speakers With Aphasia: A Scoping Review. Revista de Investigación en Logopedia, 13(1), e81535. (available in Spanish)

2023   Cavanaugh, R., **Quique, Y.,** Swiderski, A., Kallhoff, L., Terhorst, L., Wambaugh, J., Hula, W., Evans, W. (2023). Reproducibility in small-N treatment research: a tutorial through the lens of aphasiology. Journal of Speech, Language, and Hearing Research. 6(66). 1908-1927

2022   **Quique, Y.,** 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.

2022   Gnanateja, G. N., Devaraju, D. S., Heyne, M., **Quique, Y.,** Sitek, K., Tardif, M., … & Dial, H. R. (2022). On the role of neural oscillations across timescales in speech and music processing. Frontiers in Computational Neuroscience, 16, 872093.

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, 31(5S), 2366–2377.

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, 63(2), 599–614.

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

2023 Martínez-Ferreiro, S., **Quique, Y.,** Mendez-Orellana, C., (2023). From the CAT to the SP-CAT: The language battery. Abstract for poster presentation, 8th Nordic Aphasia Conference.

2023 **Quique, Y.** Diversidad en la investigación en la afasia. 2023 Observatorio Instituto Cervantes Symposium. Instituto Cervantes at Harvard University.

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., (2021) 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., (2020) 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. (2019) How much time do PWA need for naming? Platform presentation, annual Clinical Aphasiology Conference. Whitefish, Montana.
2018	**Quique, Y.**, Dresang, H., Dickey, MW. (2018) 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. (2017) 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. (2017) 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

2024	Invited by the Temerty Faculty of Medicine, University of Toronto, Leadership Rehab Rounds. Webinar on May 15, 2024.
	• Guest speaker: Culturally-sensitive and adaptive interventions for aphasia
2023	Invited by Universidad de los Andes. Nov 22, 2023. Auditorio Mario Laserna. Bogota, Colombia
	• Panelist: "Stroke and its consequences: realities and myths [ACV y sus secuelas: realidades y mitos]"
2022	Introduction to aphasia. Invited by Dr. Natalia Santamaria Laorden. Ramapo College
	• Guest Lecture: So, what's aphasia?
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

2023	Future Stroke Leader - World Stroke Organization (WSO)
2023	Annual Sarah Baskin Research Manuscript Award. Category Postdoctoral Research Fellow. Shirley Ryan Ability Lab
2022	NIH-NIMHD Health Disparities Research Institute
2021	Pathways Program. ASHA
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

2021 — Current	Member, American Congress of Rehabilitation Medicine (ACRM)
2020 — Current	Member, National Association of Medical Spanish (NAMS).
2018 — Current	Member, Collaboration of Aphasia Trialists (CATs). Societal Impact and Reintegration Research Group. Global Engagement Group
2015 — Current	Member, Center for Latin American Studies (CLAS).
2016 — 2018	Member, Society for Music Perception and Cognition (SMPC).