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@unm.edu
- 🔗 Website
- ⭘ Github
- ⓘ 0000-0001-9129-4742

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 2025-06-30.

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

2025 ● **Quique, Y.**, Pak-Hin Kong, A., Owusu Antwi, A., Jagoe, C. (2025). Language rights and publication practices in aphasia research: Lessons learned from developing aphasia assessments in multiple languages. Aphasiology. 1–18

2025 ● **Quique, Y.**, Martínez-Martínez, A., Almeida, G., Chávez, L., Aguilar, O. (2025). Examining aphasia rehabilitation in Colombia from the perspective of speech-language pathologists and neuropsychologists: a pilot study. Aphasiology. 1–28

2025 ● Bennington, C., Isaksen, J., Shiggins, C., Beesley, E., Beesley, K., Simmons-Mackie, N., Worrall, L., **Quique, Y.**,… Wallace, S. (2025). International priorities for a unified aphasia awareness campaign: a nominal group technique study across five countries. Disability and Rehabilitation, 1–21.

2025 Ginsberg-Jaeckle, M., Babbitt, E., **Quique, Y.,** Larkin, E., Escarcega, S., Cherney, L. (2025). Promoting collaboration between interpreters and speech-language pathologists: A pilot training to support interpreter agency during aphasia assessments. Translation and Interpreting Studies

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

2025   **Quique, Y.** (2025). Aphasia rehabilitation for Spanish speakers with aphasia: insights from the US, Peru, and Colombia. Clinical Aphasiology Conference. Albuquerque, NM. NIDCD Research Symposium in Clinical Aphasiology (RSCA): Invited Speaker

2024   **Quique, Y.,** Aguilar, O., Cherney, L. (2024). Cuidado usual, barreras y facilitadores de la rehabilitación de personas con afasia después de ACV en Colombia y Perú. XXVI Congreso Iberoamericano de Enfermedad Cerebro Vascular. 2024 Global Stroke Alliance. Bogota, Colombia. Poster.

2024 Quique, Y., Aguilar, O., Cherney, L. (2024). Cuidado usual, barreras y facilitadores de la rehabilitación de personas con afasia en Colombia. IV Congreso de la Sociedad Colombiana de Neuropsicología. Barranquilla, Colombia. Oral presentation.

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

2025   Neurogenic Communication Disorders

- SHS507: **Neurogenic Communication Disorders**. Number of credits: 4. Number of Students: 30. Level: Masters of Speech-language Pathology UNM

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)

- https://www.world-stroke.org/world-stroke-future-leaders/community-members/yina-m-quique

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)

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).

2020 — 2025 Member, National Association of Medical Spanish (NAMS).

2016 — 2018 Member, Society for Music Perception and Cognition (SMPC).