# Yina M. Quique, PhD

Postdoctoral Fellow, Northwestern University & Shirley Ryan AbilityLab

✉ yinaquique@northwestern.edu · 🌐 yinaquique.com · 🎓 Google Scholar

ⓘ orcidID · ◯ Github · ◯ Twitter

*Last updated on 2023-03-01*

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** <br> Northwestern University & Shirley Ryan AbilityLab, Chicago, IL |
| 2015 — 2019 | **Ph.D. Communication Science and Disorders** <br> University of Pittsburgh, Pittsburgh, PA <br> • Dissertation: Get in Sync: Entrainment Mechanisms and Individual Characteristics Associated with Scripted-Sentence Learning in Aphasia |
| 2010 — 2012 | **M.S., Music Therapy** <br> National University of Colombia, Bogota, Colombia |
| 2002 — 2006 | **B.A., Speech and Language Pathology** <br> National University of Colombia, Bogota, Colombia |

## Appointments & Positions

| | |
|---|---|
| 2020 — Current | **Postdoctoral Fellow, NIDILRR Advanced Rehabilitation Research Training (AART)** <br> Center for Education in Health Sciences <br> Northwestern University <br> Mentors: Leora Cherney, Allen Heinemann, Cindy Nowinski, |
| 2017 — 2019 | **Lab Manager and Graduate Research Assistant** <br> Language Rehab and Cognition Lab <br> University of Pittsburgh <br> PI: William S. Evans, |

1

| 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, |

## 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

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

2

| 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) |

| 2022 | Cavanaugh, R., **Quique, Y.,** Swiderski, A., Kallhoff, L., Terhorst, L., Wambaugh, J., Hula, W., Evans, W. (2022). Reproducibility in small-N treatment research: a tutorial through the lens of aphasiology. Journal of Speech, Language, and Hearing Research. ePub Ahead of Issue |

| 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. |

| 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. |

3

| 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., (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.

4

| 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

| 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

| 2022 | NIH-NIMHD Health Disparities Research Institute |
|---|---|
| 2020 | NIH-NIDCD Fellowship: Research Symposium in Clinical Aphasiology |

5

| 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, 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). |

6