

# 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<br> <br>2020 | ● Postdoctoral Fellow<br>Northwestern University   | Chicago, IL      |
| 2019<br> <br>2015    | ● Ph.D. Communication Science and Disorders<br>University of Pittsburgh <ul style="list-style-type: none"><li>• Dissertation: Get in Sync: Entrainment Mechanisms and Individual Characteristics Associated with Scripted-Sentence Learning in Aphasia</li></ul> | Pittsburgh, PA   |
| 2012<br> <br>2010    | ● M.S., Music Therapy<br>National University of Colombia   | Bogota, Colombia |
| 2006<br> <br>2002    | ● B.A., Speech and Language Pathology<br>National University of Colombia   | Bogota, Colombia |

## 💼 Appointments & Positions

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

## Contact

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- [yinaquique.me](http://yinaquique.me)
- [Github](#)
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- [Twitter](#)

## Key Interests

- Aphasia treatment outcomes
- Implementation Science
- Data science & Statistics
- #R Stats & R Shiny

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Last updated on 2021-06-03.

2015  
|  
2012

- Speech and Language pathologist  
Instituto Colombiano de Neurociencias  
Speech and Language pathology  
Director: Jorge Eslava



## 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

- Fulbright Program Scholarship. US Department of State  
Role: Predoctoral Fellow

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2015

## 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*

in press

- Evans, WS, Cavanaugh, R.B., **Quique, Y.**, Boss, E, Starns, J.J., Hula, W.D. (in press). Playing with BEARS: Balancing Effort, Accuracy, and Response Speed in a Semantic Feature Verification Anomia Treatment Game. *Journal of Speech, Language, and Hearing Research*.

in press

- Evans, WS, **Quique, Y.** Understanding speed-accuracy processing dynamics in aphasia using response time modeling. *Seminars in Speech and Language*.

under review

- **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.

under review

- **Quique, Y.**, Evans, WS, Ortega-Llebaría, 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, 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.
- 2020
- Cavanaugh, R.B., Kravetz, C., Jarold, L., **Quique, Y.**, Turner, R., Evans, W.S. (2020). Is there a research-practice dosage gap in aphasia rehabilitation? Abstract for poster presentation, 16th Annual Rehabilitation Institute Research Day. Pittsburgh, PA
- 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.

## III 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).