MANUEL JOSE MARTE

May 2022

Aphasia Research Laboratory
Boston University
635 Commonwealth Avenue
Boston, MA 2215

🌐 Personal Website
🐦 Twitter
✉ Email

EDUCATION

2025 **Ph.D., Speech, Language & Hearing Sciences**[†]
  Boston University

2016 **M.S., Communication Disorders**
  State University of New York at New Paltz

2014 **B.A., Speech & Hearing Science**
  University at Buffalo

RESEARCH INTERESTS

Aphasia, Bilingualism, Neuroimaging, Health Disparities

RESEARCH EXPERIENCE

Boston University

Doctoral Student Research Assistant. 2020–Present.

  Predicting Rehabilitation Outcomes In Bilingual Aphasia Using Computational Modeling.

PI: Swathi Kiran.

State University of New York at New Paltz

Graduate Student Research Assistant. 2015–2016.

  Influences on Nonword Repetition in Young Children.

PI: Dana Arthur.

  Training Effects on Suprasegmental Features in Oral Reading of Non-Native English Speakers.

PI: Inge Anema.

University at Buffalo

Undergraduate Student Research Assistant. 2013–2014.

  Transcranial Direct Current Stimulation (tDCS) to Enhance Motor Learning in Healthy Subjects.

PI: Richard Ohrbach.

WORKING PAPERS

1. **Marte, M. J.**,[‡] Carpenter, E.,[‡] Scimeca, M., Falconer, I., Abdollahi, F., Peñaloza, C., & Kiran, S. (*in revision*). LEX-BADAT: Language EXperience in Bilinguals with and without Aphasia DATaset. 🗇 PsyArXiv

2. **Marte, M. J.**, Peñeloza, C., & Kiran, S. (*in review*). The cognate effect on lexical access in bilingual aphasia: Evidence from the Boston Naming Test.

3. **Marte, M. J.**, Buckshaw, R., Meier, E. L., Peñaloza, C., & Kiran, S. (*in preparation*). Effective connectivity during semantic decisions in Spanish-English bilinguals with aphasia: A case series.

GRANT SUPPORT

NIH/NIDCD Ruth L. Kirschstein Institutional National Research Service Award
Advanced Research Training in Communication Sciences and Disorders: 5T32DC013017-05
PI: Christopher Moore.
2020–2022.

HONORS & AWARDS

2021 *NSF Research Traineeship Program–Understanding the Brain: Neurophotonics*
DGE-1633516

2014 *Center for Undergraduate Research & Creative Activities Grant*
University at Buffalo

CONFERENCE POSTERS & PRESENTATIONS

Oral Presentations

2022 **Marte, M. J.**, Scimeca, M., Addesso, D., Abdollahi, F., & Kiran, S. (*submitted*). Hispanic Stroke Care in the United Stated: Insights from Epidemiology, Health Disparity, and Clinical Practice. *American Speech-Language-Hearing Association Convention 2022*, New Orleans, LA.

Poster Presentations

2022 **Marte, M. J.**, Billot, A., Peñaloza, C., & Kiran, S. (2022, June). Cross-linguistic effects of a semantic treatment for anomia provided in three languages: Evidence from multilingual aphasia. *International Aphasia Rehabilitation Conference 2022*, Philadelphia, PA.

2021 Braun, E. J., Gao, Y., Carpenter, E., **Marte, M. J.**, Scimeca, M., Abdollahi, F., Yücel, M., Boas, D. A., & Kiran, S. (2021, October). Use of fNIRS to investigate cortical activation for conversational responses and narrative discourse. *Society for functional Near-Infrared Spectroscopy 2021*, virtual conference.

2021 **Marte, M. J.** & Kiran, S. (2021, October). Influences on cognate facilitation in healthy bilinguals and bilinguals with aphasia. *13th Annual Meeting of the Society for the Neurobiology of Language*, virtual conference.

2015 **Marte, M. J.** & Anema, I. (2015, May). Training Effects on Suprasegmental Features in Oral Reading of Non-Native English Speakers. *10th International Symposium on Bilingualism*, New Brunswick, NJ.

2014 Oldani, P., Hogan, C., Sauvageau, A., **Marte, M. J.**, Rudz, D., Agulia, B., Hanley, S., Quinn, T., Sharma, S., & Scerra, N. (Mentor: Ohrbach, R.) (2014, November). The effects of varying levels of repeated anodal transcranial direct current stimulation (tDCS) of the motor cortex on visuo-motor task performance. *Biomedical Engineering Society 2014 Annual Meeting*, San Antonio, TX.

INVITED TALKS

2017 **Marte, M. J.** Augmentative Communication. *New York State Occupational Therapy Association Conference*, Albany, NY.

TEACHING

Guest Lectures

Topics in Bilingual Aphasia.
Emerson College
CD 690 Aphasia – Summer 2021, Spring 2022

Workshops

Principal Component Analysis in Aphasia Research.
Aphasia Research Laboratory, Boston University – March 2021

State University of New York at New Paltz

Teaching Assistant

CMD 301 Speech Science: Spring 2015, Spring 2016

CMD 305 Hearing Science: Fall 2014, Fall 2015

CMD 310 Anatomy & Physiology of the Speech and Hearing Mechanism: Fall 2014, Fall 2015

Lab Instructor

CMD 301 Speech Science – Lab: Spring 2015, Spring 2016

ACADEMIC MENTORSHIP & SUPERVISION

2022   Maria Fernanda Rosado Flores (University of Guadalajara '22)
Society for Hispanic Engineers (SHPE) Mentee

2022   Sofia Garcia Martinez (University of Illinois at Chicago '23)
M.S. in Biomedical Visualization, Master's Thesis Deliverable

2021   David Addesso (Boston University '22)
Undergraduate Research Opportunities Program (UROP) Mentee

2021   Hongli Zheng (Boston University '22)
UROP Mentee

2021   Emily Benson-Tyler (Port Washington High School '22)
Research in Science & Engineering Program (RISE) Mentee

SERVICE

Events

2022   *Massachusetts High School Science & Engineering Fair*
Judge

2022   *BIG BRAIN WORKSHOP 2022*
Session Chair

2021   *46th Annual Boston University Conference on Language Development*
Talk and Poster Moderator

Ad-hoc Reviewer

2021   *Brain Communications*

SELECTED CLINICAL EXPERIENCE

2016-2022   *Northeast Center for Rehabilitation and Brain Injury*, NY.
Speech–Language Pathologist and Clinical Supervisor. Evaluation and treatment services for adults with augmentative and alternative communication needs, ventilator dependency, executive dysfunction, pragmatic deficits, short-term and long-term memory deficits, disorders of consciousness, voice, language, motor speech, auditory processing, neurogenic fluency, cognitive communication, and feeding and swallowing disorders.

2018-2020   *Ghent Rehabilitation and Nursing Center*, NY
Speech–Language Pathologist. Evaluation and treatment services for older adults with dementia, short-term and long-term memory deficits, language, cognitive communication, and feeding and swallowing disorders.

PROFESSIONAL LICENSES AND CERTIFICATIONS

Certificate of Clinical Competence from the American Speech–Language–Hearing Association

New York Professional Licensure in Speech–Language Pathology

Massachusetts Professional Licensure in Speech–Language Pathology

PROFESSIONAL MEMBERSHIPS

ASHA SIG 2: Neurogenic Communication Disorders

ASHA SIG 14: Cultural and Linguistic Diversity

Society for the Neurobiology of Language

SPARK Society

MISCELLANEOUS

Languages: English (native), Spanish (native), Italian (~A1).

Programming: R/RStudio, MATLAB, LaTeX.

Software: Praat, Qualtrics, Computerized Language ANalysis (CLAN), Adobe Illustrator, Microsoft Office.

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†anticipated.

‡shared first authorship.