

MATIAS FERNANDEZ-DUQUE

Curriculum Vitae, September 2023

Northwestern University
Evanston, IL 60208

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EDUCATION

- | | |
|---|----------------|
| Northwestern University | 2019 – present |
| <ul style="list-style-type: none">• Ph.D. Candidate, Communication Sciences & Disorders, Cognitive Science Specialization• Advisor: Dr. Viorica Marian | |
| University of Pennsylvania | 2011 – 2015 |
| <ul style="list-style-type: none">• B.A. in Cognitive Science with Honors• Honors Thesis: <i>Identifying the Boundaries of Fast Mapping Learning</i> | |

RESEARCH INTERESTS

Bilingualism, memory, creativity, effects of language on higher-order cognition

PUBLICATIONS

Peer-Reviewed Journal Articles

1. **Fernandez-Duque, M.**, Hayakawa, S., & Marian, V. (2023). Speakers of Different Languages Remember Visual Scenes Differently. *Science Advances*, 9(33), eadh0064. <https://doi.org/10.1126/sciadv.adh0064>
2. **Fernandez-Duque, M.**, Chapman, C. A., Glander, K. E., & Fernandez-Duque, E. (2018). Darting primates: Steps toward procedural and reporting standards. *International Journal of Primatology*, 39(6), 1009–1016. <https://doi.org/10.1007/s10764-017-9963-z>

Book Chapters

1. **Fernandez-Duque, M.**, Standley, M., Roy, A., & Marian, V. (submitted). Language-dependent memory in bilingualism. In A. de Bruin & D. Trenkic (Eds.), *The Encyclopedia of Applied Linguistics*. Wiley-Blackwell.
2. Chung-Fat-Yim, A., **Fernandez-Duque, M.**, & Marian, V. (accepted). Multilingualism, creativity, and problem-solving. In Babatsouli, E. (Ed.), *Multilingual Acquisition and Learning: An Eco-Systemic View of Diversity*. John Benjamins Publishing Company.
3. Valdés Kroff, J. R., & **Fernández-Duque, M.** (2017). Experimentally inducing Spanish-English code-switching: A new conversation paradigm. In K. Bellamy, M. W. Child, P. González, A. Muntendam, & M. C. Parafita Couto (Eds.), *Issues in Hispanic and Lusophone Linguistics* (Vol. 13, pp. 211–231). John Benjamins Publishing Company. <https://doi.org/10.1075/ihll.13.09val>

CONFERENCE PRESENTATIONS

1. **Fernandez-Duque, M.**, Hayakawa, S., & Marian, V. (2023, August 9-12). *Phonological Overlap Facilitates Episodic Memory* [Conference Presentation]. Society for Applied Research in Memory and Cognition, Nagoya, Japan.
2. **Fernandez-Duque, M.**, Marian, V., & Hayakawa S., (2022, October 27–28). *Dual-language competition changes memory for visual items*. [Conference presentation]. University of Illinois at Chicago 2022 Bilingualism Forum, Chicago, United States.
3. **Fernandez-Duque, M.**, Hayakawa, S., & Marian, V. (2022, August 4-5). *The effects of dual-language phonological competition on memory*. [Conference presentation]. 4th International Symposium on Bilingual L2 Processing in Adults and Children, Tromsø, Norway.
4. Chabal, S., **Fernandez-Duque, M.**, Hayakawa, S., & Marian, V. (2020, July 29 – August 1). *Role of working memory in language activation during visual scene processing*. [Conference poster]. Cognitive Science Society 42nd Annual Virtual Meeting.
5. **Fernandez-Duque, M.**, Chabal, S., Hayakawa, S., & Marian, V. (2020, June 1 – September 1). *Language activation in visual processing occurs regardless of memory demands*. [Conference poster]. Association for Psychological Science Poster Showcase.
6. **Fernandez-Duque, M.** & Valdés Kroff, J. R. (2014, October 6). A new conversation paradigm for the experimental study of code-switching in bilingual speech, *Penn State University Undergraduate Exhibition in Hispanic and General Linguistics*. [Conference poster].

GRANTS & FELLOWSHIPS

TGS Conference Travel Grant, Northwestern University (\$1,000)	2023
TGS Conference Travel Grant, Northwestern University (\$1,100)	2022
Cognitive Science University Fellowship (\$32,844)	2019 – 2020
Pinkel Endowment Undergraduate Research Fund (\$600)	2015

HONORS & AWARDS

Best Student Oral Presentation at <i>ISBPAC 2022</i>	2022
PSUxLing Travel Award (\$500)	2014
University of Pennsylvania <i>magna cum laude</i>	2011 – 2015

RESEARCH & WORK EXPERIENCE

PhD Candidate

- Bilingualism and Psycholinguistics Research Lab, Northwestern Univ. 2019 – present
Advisor: Dr. Viorica Marian

Undergraduate Researcher

- Thompson-Schill Laboratory, University of Pennsylvania 2013 – 2015
Advisors: Dr. Sharon Thompson-Schill & Dr. Jorge Valdés-Kroff
- Dahan Laboratory, University of Pennsylvania 2012 – 2013
Advisor: Dr. Delphine Dahan

- Linguistics Department, University of Pennsylvania 2012
Advisor: Dr. Gillian Sankoff

Market Researcher

- Senior Analyst at Collage Group, Bethesda, MD 2016 – 2018

REVIEWER EXPERIENCE

Conference Abstract Reviewer

International Symposium on Bilingual and L2 Processing in Adults and Children

Ad Hoc Journal Reviewer

Translational Issues in Psychological Science

TEACHING

Teaching Assistant, Northwestern University

Linguistic and Cultural Diversity in Communication Sciences and Disorders	2023
Introduction to Hearing and Speech Acoustics	2020 – 2022
Phonetics	2020 – 2021

Guest Lecturer, Northwestern University

CSD 309, “Language & Memory in Bilinguals”	2023
CSD 110, “Language Acquisition & Perceptual Narrowing”	2021 – 2022
CSD 207, “Bilingual Research Methods”	2020 – 2022