

Dalia Carolina Martinez Cano
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Education

01/09/2019 – 02/04/2024

University of Alberta, Edmonton, Alberta, Canada

- Ph.D. in Special Education / Department: Educational Psychology
- Degree Program: Special Education (Thesis route)

08/01/2017- 17/12/2018

Autonomous University of Morelos, Morelos, Mexico

- Master of Science (MSc) / Department: Cognitive Science
- Degree Program: MSc in Cognitive Science (Thesis route)

01/09/2011- 15/12/2015

Autonomous University of Chiapas, Chiapas, Mexico

- Bachelor of Arts (BA) / Department: Language and Arts
- Degree Program: BA in English Language Teaching (Thesis route)

Publications

2024

- **Martinez, D.**, Colenbrander, D., Inoue, T., Falcón, A., Rubí, R., Parrila, R., & Georgiou, G. K. (2024). The effects of explicit morphological analysis instruction in early elementary Spanish speakers. *Journal of Experimental Child Psychology*. [Manuscript accepted for publication]
- **Martinez, D.**, Colenbrander, D., Inoue, A., Parrila, R., & Georgiou, G. K. (2024). *Effects of Explicit Morphological Analysis Training on Novel Suffix Learning: Evidence from Lower and Upper Elementary Students*. [Manuscript submitted for publication].
- **Martinez, D.**, Colenbrander, D., Inoue, T., & Georgiou, G. K. (2024). How well do schoolchildren and adolescents know the form and meaning of different derivational suffixes? Evidence from a cross-sectional study. *Applied Psycholinguistics*, 1-23. <https://doi.org/10.1017/S0142716424000043>

2023

- Georgiou, G. K., Vieira, A.-P., Rothou, K. M., Kirby, J. R., Antoniuk, A., **Martinez D.**, & Guo, K. (2023). A meta-analysis on morphological awareness deficits in developmental dyslexia. *Scientific Studies of Reading*, 27(3), 253-271. <https://doi.org/10.1080/10888438.2022.2155524>

2022

- Georgiou, G., Cardoso-Martins, C., Das, J. P., Falcón, A., Hosokawa, M., Inoue, T., Li, Y., **Martinez, D.**, Padakannaya, P., Parrila, R., Pollo, T., Salha, S. S., Samantaray, S., Shu, H., Tanji, T., Tibi, S., & Vieira, A.-P. (2022). Cross-language contributions of rapid automatized naming to reading accuracy and fluency in young adults: evidence from eight

languages representing different writing systems. *Journal of Cultural Cognitive Science*, 6, 151-168. <https://doi.org/10.1007/s41809-021-00092-7>

2021

- Georgiou, G. K., **Martínez, D.**, Antoniuk, A., Romero S., & Guo, K. (2021). A metaanalytic review of comprehension deficits in students with dyslexia. *Annals of Dyslexia*, 72, 204-248. <https://doi.org/10.1007/s11881-021-00244-y>
- Georgiou, G. K., **Martínez D.**, Alves-Vieira, A.-P., & Guo, K. (2021). Is orthographic knowledge a strength or a weakness in individuals with dyslexia? Evidence from a metaanalysis. *Annals of Dyslexia*, 71, 5-27. <https://doi.org/10.1007/s11881-021-00220-6>
- **Martínez, D.**, Inoue, T., Falcon, A., Parrila, R., & Georgiou, G. K. (2021). How does rapid automatized naming influence orthographic knowledge? *Journal of Experimental Child Psychology*, 204, Article 105064. <https://doi.org/10.1016/j.jecp.2020.105064>

2018

- **Martínez, D.** (2018). *RAN Objects and its relation to word reading fluency* [Unpublished master's thesis]. Autonomous University of Morelos, Mexico.

2017

- Gómez, I.U., Ramón, A., Velázquez, V., & **Martínez, D.** (2017). Una mirada a la enseñanza del ELE en México [A glance into English language teaching in Mexico], *Espacio I+D: Innovación más Desarrollo*, 6(14), 179-202. <https://www.espacioimasd.unach.mx/index.php/Inicio/article/view/127>

2016

- **Martínez, D.** (2016). *The use of music as an affective technique to improve vocabulary learning in a second language* [Unpublished bachelor's thesis]. Autonomous University of Chiapas, Mexico.

Conference Presentations

2022

- **Martínez, D.**, Georgiou, G., Vieira, A.-P., & Guo, K. (2022, July 13-16). *A meta-analysis of Morphological Awareness deficits in developmental dyslexia* [Paper presentation]. 29th annual international meeting of the Society for the Scientific Studies of Reading. Newport Beach, California, USA.

2021

- **Martínez, D.**, Georgiou, G., Vieira, A.-P., & Guo, K. (2021, July 12-16). *Is orthographic knowledge a strength or a weakness in individuals with dyslexia? Evidence from a Metaanalysis* [Paper presentation]. 28th annual international meeting of the Society for the Scientific Studies of Reading (online).
- Falcon, A., **Martínez D.**, & Georgiou, G. (2021, July 12-16). *Within and cross-language contributions of rapid automatized naming to reading fluency in young adults* [Poster presentation], 28th annual international meeting of the Society for the Scientific Studies of Reading (online).
- **Martínez, D.**, Falcon, A., & Georgiou, G. (2021, April 16). *Reading and spelling predictors in Spanish* [Conference session]. McGill's 5th Annual Conference on Human Development (online).

2019

- **Martínez, D.**, Falcón, A., Brito, A., & Georgiou, G. (2019, July). *Rapid automatized naming and its contribution to orthographic knowledge* [Poster presentation], 25th annual international meeting of the Society for the Scientific Studies of Reading, Toronto, Canada.

2018

- **Martínez, D.**, & Georgiou, G. (2018, November 28). *Exploring the relationship between rapid automatized naming (RAN) and Orthographic Knowledge* [Poster presentation] Reading Research Lab opening, University of Alberta, Edmonton, Canada.
- **Martínez D.**, & Falcon, A. (2018, September 21). *RAN Objects and word reading fluency* [Conference session]. 5th International Developmental Psychology Congress, Aguascalientes, Mexico.

2016

- **Martínez D.** (2016, November 11-13). *Music or silence? Creating a suitable environment for vocabulary learning* [Conference session]. 43rd International MEXTESOL convention, Monterrey, Mexico.

Research Experience

05/09/2019 – 28/03/2024

Reading Research Laboratory - University of Alberta, Canada

JP Das Centre for Learning Disabilities - University of Alberta, Canada

Research Mentor: Dr. George Georgiou

- Web designer and analytics consultant
- Development of experimental literacy assessment tools in English (paper and pencil and computer-based: Psychopy 3, DMDX, Experiment Builder eyelink 1000 plus)
- Data analysis with different software (eye-link data viewer, Psychopy 3, DMDX, -R for statistical computing and graphics, Python, Mplus, and IBM SPSS)
- Meta-analysis data collection, coding, and analysis
- Project manager, interventionist, and literacy consultant
- Training of reading evaluators and interventionists

10/12/2017 – 28/03/2024

Communication & Cognition Lab, Autonomous University of Morelos, Mexico

Research Mentor: Dr. Alberto Jorge Falcon Albarran

- Member of the supervisory committee for 2 undergraduate students and 1 master students at the faculty of Human Communication and Language
- Development of experimental literacy assessment tools in Spanish (paper and pencil and computer-based: Psychopy 3, Pavlovía, and eye-tracker software Tobii Pro X2-60)
- Training of Research Assistants on using Tobii Pro X2-60 (eye tracker).

Teaching Experience

08/01/2024 – 11/04/2024

University of Alberta, Edmonton, Canada

EDPY 301 – Introduction to Inclusive Education / Role: Principal Instructor

11/09/2023 – 12/12/2023

University of Alberta, Edmonton, Canada

EDPY 472 – Introduction to Language Development / Role: Principal Instructor

05/07/2021 – 08/12/2023

Edmonton Forest School Society, Edmonton, Canada

Role: Lead Educator

11/09/2020 – 15/09/2020

University of Alberta, Edmonton, Canada

EDPY 301, Adapting Instruction for Students with Special Needs / Role: Teaching Assistant

03/08/2018 – 20/07/2019

Colegio Finlandés, Queretaro, Mexico / English immersion school Role:
General education 2nd grade teacher

03/06/2015 – 28/07/2015

Autonomous University of the State of Morelos, Morelos, Mexico

Spanish as an L2 (Bachelor's optional condensed course) / Role: Principal Instructor

02/02/2015 – 25/06/2015

Autonomous University of the State of Chiapas, Chiapas, Mexico

Upper intermediate and advanced English and Intermediate Italian / Role: Principal Instructor

07/01/2013- 30/11/2016

Tierras Mayas Spanish Language School, Chiapas, Mexico

Advanced Spanish grammar / Role: Principal Instructor

Awards and Recognitions

2022

- Support for the Advancement of Scholarship. Project title: Can you spot the -ness in happiness? Examining the effects of explicit vs implicit training effects on morphological learning. Scholarships and Research Awards Committee. University of Alberta

2021

- Alberta Excellence Scholarship, Faculty of Graduate Studies and Research, University of Alberta
- Dr. J.P. Das Graduate Scholarship in Education, Faculty of Graduate Studies and Research, University of Alberta
- Siobhan Isabella Reid Memorial Scholarship, Learning Disabilities Association of Alberta (June 2021)
- Award for best presentation, McGill's 5TH annual conference on Human Development (April 2021)
- GSA, Graduate Student Research Assistant Award (February 2021)

2020

- Society for the Scientific Studies of Reading, Travel Award to attend and present at the 2020 Conference at Toronto, Canada (June 2020)

2019

- Kathryn Burke Graduate Scholarship, Faculty of Graduate Studies and Research, University of Alberta (October 2019)
- Provost Recruitment Scholarship, Department of Educational Psychology, University of Alberta (September 2019)

2018

- International Scholarship awarded by the National Council of Science and Technology of Mexico for an internship at the Reading Research Lab, University of Alberta, Edmonton, Canada. (September-December 2018)

2017

- Diversity Enhancement Award by the National Institutes of Health of Boston University to attend the 42 Boston University Conference on Language Development (November 2017)

2015

- Scholarship awarded by the Mexican Academy of Science for an internship at the Language Department of the Autonomous University of the State of Mexico (May-July 2015)

2014

- Dreamers in Action Organization scholarship to study a seminar on American immigration laws at UCLA. (April 2014)
- PIFI scholarship awarded by the Autonomous University of Chiapas to study a semester abroad at the University of New Mexico, Albuquerque. (January 2014-June 2014)

Professional Development

2022

- 29th annual international meeting of the Society for the Scientific Studies of Reading Conference, Newport Beach, California, USA (July 2022)

2021

- 28th annual international meeting of the Society for the Scientific Studies of Reading, online conference (July 2021)
- Canadian Society for the Study of Education (CSSE) annual conference (June 2021)
- 14th Annual G.M. Dunlop Educational Psychology Conference. Conference judge (March 2021)

2020

- Training at the University of Oslo (Norway) in eye-tracking software (eye-link 1000 Plus) to develop computer-based experiments to collect and analyze eye-tracking data (January 2020)
- Structured Word Inquiry Workshop, University of Alberta (June 2020) (online)

2019

- 25th annual international meeting of the Society for the Scientific Studies of Reading Conference, Toronto, Canada (July 2019)

2017

- Boston University Conference on Language Development (BUCLD), Boston University (November 2017)
- Computational Linguistics intensive beginners' course, National Autonomous University of Mexico (August 2017)

Service

Ad-hoc reviewer for refereed Journals

- Reading Research Quarterly
- Alberta Journal of Educational Research
- Reading and Writing

Volunteer Experience

2021

- Volunteer at the Canadian Society for the Study of Education (CSSE) annual conference (June 2021)

2019 - Present

- Humanitarian Rotary International Volunteer. Project: Literacy Alive. Role: Workshop facilitator on evidenced-based literacy instruction in elementary schools and community libraries in two districts of Belize.
- Musicbox children's charity, Music instructor and lesson planning, Edmonton, Canada (December 2019 – Present)
- Escuela Mill Creek, Reading and Math interventionist, Edmonton, Canada (September 2019- Present)

2017

- Collect to support earthquake victims in south Morelos, Organizer. Morelos, Mexico (September 2017)

2014

- Lutheran's house, House building for Navajo communities, Arizona, US (June 2014) • OYE conference (Organizing Youth Engagement), Moderator of the Emotions Regulation panel, New Mexico, US (May 2014)
- UNM Service Corps, Global Education Office, New Mexico US (March-May 2014)
- New Mexico Dreamers in Action, General support, New Mexico US (January 2014- May 2014)

2011 - 2012

- Lions International, Lions in Sight Campaign, Interpreter for international ophthalmologists, Chiapas, Mexico (February 2012)
- Collect to support flood victims in northern Chiapas, Organizer, Chiapas Mexico (October 2011)