



Milena Vásquez-Amézquita

ASSOCIATE PROFESSOR

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📄 [Milena-Vasquez-Amezquita](#) | 🏠 grupo-codec.netlify.app/author/milena-vasquez-amezquita/

I am a researcher primarily interested in the neurocognitive bases of human affect and sexuality.

About me

Psychologist, Master in Basic and Applied Neurosciences and PhD in Neurosciences. Active associate researcher within the group **CODEC: Cognitive and Behavioural Sciences** (classification **A1** in MinCiencias). Associate Professor at the **Laboratory of Experimental Psychology** of the **Faculty of Psychology** at **Universidad El Bosque**. Postdoctoral stay at **Universidad de la Costa** with funding from **MinCiencias**. I have been director and co-director of successful research projects from an experimental methodology in cognitive-affective neuroscience with internal and external funding, and I currently directing the research hotbed **SexCog: sexuality and affectivity from a neurocognitive perspective**. I have 14 years of professional and university teaching experience, applied to the development and implementation of undergraduate and postgraduate higher education programmes related to the neurobiological and cognitive bases of human behaviour, and I have supervised undergraduate, masters and doctoral degree projects.



Skills

Programming	R (Basic, data analysis and graph generation)
Quantitative Research	Observational-correlational studies, Simple and Mixed general linear models
Recording techniques	Eye tracking (mainly), other basic HRV, EEG
Software	RStudio, Tobii Pro Lab, Qualtrics, Psychomorph, WebmorphR, Mendeley and Zotero
Languages	English/Spanish (native)

Education

Universidad de Valencia

PHD - NEUROSCIENCES

Valencia, España

2018

Universidad de Valencia

MASTER'S DEGREE IN BASIC AND APPLIED NEUROSCIENCES

Valencia, España

2012

Universidad Católica de Colombia

PSYCHOLOGY

Bogotá, Colombia

2007

Research Experience

Universidad El Bosque

ASSOCIATE PROFESSOR

Bogotá, Colombia

Jan. 2020 - Present

Universidad de la Costa

VISITING PROFESSOR

Barranquilla, Colombia

Dec.2023 - Present

Universidad Internacional de Valencia

COLLABORATING PROFESSOR

Valencia, España

Oct.2023 - Present

Professional Experience

For a full list, and a description of responsibilities, please check my [academic CV](#).

Accomplishments

For information on **grants, scholarships, awards** and **prizes**, please check my [academic CV](#).

Selected Publications

9 *h-index* 18 *g-index* 9 *i10-index* 18 Publications 473 Citations

For a full list, please check the publications section on my [academic CV](#).

Vásquez-Amézquita, M., Cepeda, V., Roa, E., Torres, J. S., Maldonado-Avenidaño, N., Martínez-González, M. B., & Leongómez, J. D. (2025). Sexual modes questionnaire (SMQ): Spanish translation, adaptation, and preliminary evidence of psychometric properties in a Colombian sample. *Sexual and Relationship Therapy*, 1–25. <https://doi.org/10.1080/14681994.2025.2507109>

Vásquez-Amézquita, M., Leongómez, J. D., Salvador, A., & Seto, M. C. (2023). What can the eyes tell us about atypical sexual preferences as a function of sex and age? Linking eye movements with child-related chronophilias. *Forensic Sciences Research*, 8(1)1–11. <https://doi.org/10.1093/fsr/owad009>

Vásquez-Amézquita, M., Salvador, A., & Leongómez, J. D. (2021). Existen diferencias en la ratio 2D:4D entre delinquentes sexuales y no sexuales, y hombres no delinquentes? Un estudio en una muestra colombiana. *Interdisciplinaria. Revista de Psicología y Ciencias Afines*, 39(1). <https://doi.org/10.16888/interd.2022.39.1.8>

Jones, B. C., DeBruine, L. M., Flake, J. K., Liuzza, M. T., Antfolk, J., Arinze, N. C., Ndukaihe, I. L. G., Bloxson, N. G., Lewis, S. C., Foroni, F., Willis, M. L., Cubillas, C. P., Vadillo, M. A., Turiegano, E., Gilead, M., Simchon, A., Saribay, S. A., Owsley, N. C., Jang, C. ..., **Vásquez-Amézquita, M.**, ..., Coles, N. A. (2021). To which world regions does the valence–dominance model of social perception apply? *Nature Human Behaviour*, 5(1) 159–169. <https://doi.org/10.1038/s41562-020-01007-2>

Vásquez-Amézquita, M., Leongómez, J. D., Seto, M. C., Bonilla, F. M., Rodríguez-Padilla, A., & Salvador, A. (2018). No relation between digit ratio (2D:4D) and visual attention patterns to sexually preferred and non-preferred stimuli. *Personality and Individual Differences*, 120, 151–158. <https://doi.org/10.1016/j.paid.2017.08.022>

Vásquez-Amézquita, M., Leongómez, J. D., Seto, M. C., Bonilla, M., Rodríguez-Padilla, A., & Salvador, A. (2019). Visual Attention Patterns Differ in Gynephilic and Androphilic Men and Women Depending on Age and Gender of Targets. *The Journal of Sex Research*, 56(1), 85–101. <https://doi.org/10.1080/00224499.2017.1372353>

Vásquez-Amézquita, M., Leongómez, J. D., Seto, M. C., & Salvador, A. (2019). Differences in Visual Attention Patterns to Sexually Mature and Immature Stimuli Between Heterosexual Sexual Offenders, Nonsexual Offenders, and Nonoffending Men. *The Journal of Sex Research*, 56 (2), 213–228. <https://doi.org/10.1080/00224499.2018.1511965>

Postgraduate Supervision

For a full list, including undergraduate supervision, please check my [academic CV](#).

Leidy Nathaly Peláez Bernal

MSC IN NEUROPSYCHOLOGY

Universidad Internacional de

Valencia, España

2023-2024

Jimena Zanizo Chambi

MSC IN NEUROPSYCHOLOGY

*Universidad Internacional de
Valencia, España*

2023-2024

Liceth Andrea Zaraza Osorio

MSC IN NEUROPSYCHOLOGY

*Universidad Internacional de
Valencia, España*

2023-2024