



Milena Vásquez-Amézquita

ASSOCIATE PROFESSOR

Faculty of Psychology, Universidad El Bosque

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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 13 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](#).

ONG RedPapaz

EXTERNAL SCIENTIFIC CONSULTANT

Bogotá, Colombia

Sep. - Oct. 2022

Protect Children

INTERNATIONAL SCIENTIFIC CONSULTANT

Helsinki, Finlandia

Jul. - Aug. 2021

Grants

Minciencias

Barranquilla, Colombia

POSTDOCTORAL RESEARCH STAYS - CALL 935-2023 - ORCHIDS PROGRAM. WOMEN IN SCIENCE: AGENTS FOR PEACE: AGENTS

Dic. 2023 - Jan. 2025

FOR PEACE 2023

- Project: Effect of resource availability on women's preferences for masculinity faces in interaction with hormonal, cognitive, and socio-contextual factors such as actual resource scarcity and exposure to violence: an experimental study using eye-tracking
- COP\$356.040.884

Universidad El Bosque

Bogota, Colombia

IX INTERNAL CALL FOR FINANCING RESEARCH AND TECHNOLOGICAL INNOVATION PROJECTS EL BOSQUE UNIVERSITY, 2024

Jan. 2024 - Jan. 2026

- Project: Effect of real and simulated resource control on androphilic women's preferences for masculinity in men's faces: an experimental study using eye-tracking
- Role: Principal Researcher
- COP\$90.000.000

Minciencias

Barranquilla, Colombia

CALL FOR POSTDOCTORAL FELLOWSHIP PROGRAM IN SNCTEI ENTITIES 2019

Jan. 2021 - Jan. 2022

- Project: Feasibility of new interventions to improve the implementation of sexual and reproductive health programs in Colombia.
- COP\$192.000.000

Minciencias

Bogota, Colombia

CALL FOR THE STRENGTHENING OF PROJECTS IN EXECUTION OF CTEI IN HEALTH SCIENCES WITH YOUNG TALENT AND REGIONAL

IMPACT 2020

Jan. 2021 - Jan. 2022

- Project: Attentional biases and their relationship with heart rate variability as predictors of emotional state in people without affective disorders in the city of Bogotá.
- Role: Principal Researcher
- COP\$76.000.000

Universidad El Bosque

Bogota, Colombia

IX INTERNAL CALL FOR FINANCING RESEARCH AND TECHNOLOGICAL INNOVATION PROJECTS EL BOSQUE UNIVERSITY, 2017

Jan. 2018 - Dic. 2021

- Project: Perceivable signs of physical and mental health in faces, voices and body odors, and their relationship to hormone levels
- Role: Co-researcher
- COP\$136.586.537

Universidad El Bosque

Bogota, Colombia

VII INTERNAL CALL FOR FINANCING RESEARCH AND TECHNOLOGICAL INNOVATION PROJECTS EL BOSQUE UNIVERSITY, 2015

Jan. 2016 - Dic. 2019

- Project: Differences in the pattern of eye tracking to sexually preferred stimuli in men convicted of sexual offenses and the general population
- Role: Principal Researcher
- COP\$80.000.000

Universidad San Buenaventura de Medellín

Medellín, Colombia

CONVOCATORIA INTERNA DE INVESTIGACIÓN FINANCIERA DE LA UNIVERSIDAD DE SAN BUENAVENTURA, 2014

Jun.2014 - Jun.2015

- Project: Mediating factors of Cognitive Reserve and its relationship with the neuropsychological profile of the older adult in the process of normal aging
- Role: Principal Researcher
- COP\$20.000.000

Scholarships, Awards and Honors

Universidad El Bosque

Bogotá, Colombia

X EXCELLENCE AWARDS

Dic. 2023

- COP\$10.000.000

Universidad El Bosque

Bogotá, Colombia

VIII EXCELLENCE AWARDS

Dic. 2019

- COP\$5.000.000

Universidad El Bosque

VII EXCELLENCE AWARDS

- COP\$2.500.000

Bogotá, Colombia

Dic. 2018

Universidad de Valencia

CUM LAUDE MENTION

- PhD Thesis in Neurosciences

Valencia, España

Sep. 2018

Universidad de Valencia

LUISA CARDONA SCHOLARSHIP

- Fee exemption for the Official Master's Degree

Valencia, España

Nov.2011 - Nov.2012

Universidad Católica de Colombia

HONORARY DEGREE

- Improved performance among undergraduate psychology students

Bogotá, Colombia

Sep. 2007

Universidad Católica de Colombia

MENTION FOR EXCELLENCE

- Mention postgraduate scholarship for obtaining the highest score among the psychology students of the faculty and 3rd place nationally in the 2006 version of the Quality Examination for Higher Education in Colombia (ECAES).

Bogotá, Colombia

Mar.2007

Selected Publications

9

h-index

16

g-index

8

i10-index

16

Publications

440

Citations

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

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 delincuentes sexuales y no sexuales, y hombres no delincuentes? 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., Bloxsom, 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](#).

Sara Silva Gómez

MSC IN NEUROPSYCHOLOGY

Universidad Internacional de

Valencia, España

2022-2023

Yenny Johanna Baron Londoño

MSC IN PSYCHOLOGY

Universidad El Bosque, Colombia

2019 - 2020