



Juan David Leongómez

ASSOCIATE PROFESSOR

Faculty of Psychology, Universidad El Bosque

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I am a researcher mainly interested in human behaviour, as well as quantitative methods and reproducible science.

About me

I am an Associate Professor and Researcher at **EvoCo: Human Behaviour and Evolution Lab**, and leader of the **CODEC: Cognitive and Behavioural Sciences** research group (classification **A1**), **Faculty of Psychology**, at **Universidad El Bosque** in Bogota, Colombia. My research interests include mate choice and human vocal communication, with an aspiration towards understanding musicality. I am also interested in bioacoustics and psychoacoustics, as well as hormonal effects on human behaviour. I published among the first articles showing within-individual changes in voice pitch in response to the social status of the listener, and have demonstrated strong effects of voice modulation on listeners in courtship contexts. I am very passionate about quantitative methods and **R** programming, as a tool to promote reproducibility and open science.



Skills

Programming	R (advanced: all data wrangling, analysis, plots and tables -and even this CV- made in R)
Reproducible Reports	Markdown/Rmarkdown (including L^AT_EX and HTML5)
Quantitative Research	General and Generalised Models, Linear Mixed-effects Models, Model selection and Averaging, Machine Learning
Software	RStudio, Visual Studio Code, Praat, Audacity, InkScape, Mendeley, Zotero
Languages	English/Spanish (native)

Research

Research Areas	Human voice • Vocal modulation • Mate choice • Human behaviour
Primary Research Methods	Experimental designs • Acoustic analysis • Geometric morphometrics • Stimuli rating

Education

University of Stirling

PHD - PSYCHOLOGY

- Dissertation Title: "Contextual musicality: vocal modulation and its perception in human social interaction"
- Supervisors: Prof. S. Craig Roberts, and Prof. Anthony C. Little
- Committee members: Prof. Phyllis C. Lee (dissertation chair), and Prof. Stuart Semple

Stirling, UK

2014

University of Liverpool

MSC IN EVOLUTIONARY PSYCHOLOGY

- Supervisor: Prof. S. Craig Roberts
- Best overall performance in the MSc

Liverpool, UK

2009

Universidad Pedagógica Nacional

BA IN MUSIC PEDAGOGY

- GPA: 4.28/5.00
- Research project: 4.90/5.00

Bogota, Colombia

2006

Relevant further education

Johns Hopkins University

PRACTICAL MACHINE LEARNING

- GPA: 97/100
- Certificate: <https://www.coursera.org/account/accomplishments/verify/DC7ULMJ3CZWM>

Coursera (MOOC platform)

2021

Working Experience

Universidad El Bosque

ASSOCIATE PROFESSOR

Bogota, Colombia

Apr. 2019 - Present

- Researcher at the Human Behaviour Analysis Lab (LACH)
- Leader of the Cognitive Processes and Education research group (Procesos Cognoscitivos y Educación) (since 2016)
- Supervision of a variety of undergraduate research projects associated with psychology and biology
- Member of the Research Committee
- Member of the Advisory Committee on Research Ethics

Universidad El Bosque

ASSISTANT PROFESSOR

Bogota, Colombia

Jan. 2015 - Apr. 2019

- Researcher at the Human Behaviour Analysis Lab (LACH)
- Methodological and statistical advisor for postgraduate and faculty research projects
- Leader of the Cognitive Processes and Education research group (Procesos Cognoscitivos y Educación) (since 2016)
- Organiser of the Nerd Café weekly conference series of the Faculty of Psychology (2016-2017)
- Supervision of a variety of undergraduate research projects associated with psychology and biology
- Postdoctoral stay (2018-2019)
- Co-supervision of Doctoral Students: Milena Vásquez-Amézquita (PhD in Neuroscience, University of Valencia, Spain – 2015-2018)
- Co-supervision of Doctoral Students: Francisco Javier Flores (Professional Doctorate in Counselling Psychology, University of East London, UK – 2016-2018)

Universidad de La Sabana

CATHEDRATIC PROFESSOR

Chia, Colombia

Jan. 2015 - Dec. 2016

- Teaching and supervision of research projects

University of Stirling

TEACHING ASSISTANT

Stirling, UK

2011 - 2014

- Supervision of an MSc research project (Evolutionary Psychology MSc)
- Marking and statistical advice to MSc students

Universidad Pedagógica Nacional

AUXILIAR PROFESSOR

Bogota, Colombia

2010

- Member of the Research Committee
- Supervision of research projects

Teaching Experience

Universidad El Bosque

ASSOCIATE PROFESSOR

Bogota, Colombia

2019

- Quantitative Methods II (Psychology MSc)

Universidad El Bosque

ASSISTANT PROFESSOR

Bogota, Colombia

2017-2018

- Quantitative Methods II (Psychology MSc)

Universidad El Bosque

ASSISTANT PROFESSOR

Bogota, Colombia

2017

- Quantitative Methods I (Psychology MSc)

Universidad El Bosque

ASSISTANT PROFESSOR

Bogota, Colombia

2018

- Research Degree Project

Universidad El Bosque

ASSISTANT PROFESSOR

Bogota, Colombia

2015

- Sources and Documentation Styles in Psychology

Universidad de La Sabana

CATHEDRATIC PROFESSOR

Chia, Colombia

2016

- Evolution and Development of Vocal Communication: Songs, Fashion, and Language

Universidad de La Sabana

CATHEDRATIC PROFESSOR

- Inferential Statistics
- Descriptive Statistics

Chia, Colombia

2015 - 2016

University of Stirling

TEACHING ASSISTANT

- Animal Behaviour (lecture on vocal communication)

Stirling, UK

2012

University of Stirling

TEACHING ASSISTANT

- Quantitative Methods (Psychology MSc – several lectures, practical supervision, one-on-one teaching)
- Cognition Module (leading research projects in psychoacoustics)

Stirling, UK

2012-2014

Universidad Pedagógica Nacional

AUXILIAR PROFESSOR

- Research Project I
- Research Lab II

Bogota, Colombia

2010

Scholarships, Awards and Honors

Ig Nobel Prize

ECONOMICS PRIZE

- For 'trying to quantify the relationship between different countries' national income inequality and the average amount of mouth-to-mouth kissing' (Watkins, et al., 2019)

Cambridge, MA, USA.

Sep. 2020

Universidad El Bosque

VIII EXCELLENCE AWARDS

- COP\$7.000.000

Bogota, Colombia

Dic. 2019

Universidad El Bosque

VII EXCELLENCE AWARDS

- COP\$5.000.000

Bogota, Colombia

Dic. 2018

Universidad El Bosque

VI EXCELLENCE AWARDS

- COP\$5.000.000

Bogota, Colombia

Dic. 2017

Experimental Psychology Society

GRINDLEY GRANTS

Canterbury, UK

Sep. 2014

Minciencias

FRANCISCO JOSÉ DE CALDAS SCHOLARSHIP FOR DOCTORAL STUDIES

Bogota, Colombia

Oct. 2010 - Oct. 2014

School of Life Sciences – University of Liverpool

ANNUAL PRIZE IN EVOLUTIONARY PSYCHOLOGY

- Best overall performance in the MSc

Liverpool, UK

Oct. 2009

University of Liverpool

UNIVERSITY OF LIVERPOOL INTERNATIONAL SCHOLARSHIP

Liverpool, UK

Sep. 2008 - Sep. 2009

Colfuturo

SCHOLARSHIP-LOAN PROGRAMME

Bogota, Colombia

Sep. 2008 - Sep. 2009

Grants

Minciencias

POSTDOCTORAL RESEARCH STAYS - COLCIENCIAS BENEFICIARIES 2017

- Project: Perceptible signals of physical and mental health in faces, voices and body odors, and their relationship with hormonal levels
- COP\$84.000.000

Bogota, Colombia

Jan. 2018 - Jan. 2019

Universidad El Bosque

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

- Project: Perceptible signals of physical and mental health in faces, voices and body odors, and their relationship with hormonal levels
- COP\$136.586.537

Bogota, Colombia

Jan. 2018 - Dec. 2021

- Project: Effects of evolutionary relevant static signals (sex, dominance, and attractiveness) on the cortical processing of human faces
- COP\$80.000.000

- Project: Efectos de los niveles hormonales, masculinidad y feminidad, en la discriminación tonal en hombres y mujeres
- COP\$13.000.000

Publications

PUBLISHED JOURNAL ARTICLES AND WORKS

- Vásquez-Amézquita, M., **Leongómez, J. D.**, Salvador, A., & Seto, M. C. (in press). 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*. https://jdleongomez.info/en/files/eye-tracking_review.pdf
- Leongómez, J. D.**, Havlíček, J., & Roberts, S. C. (2022). Musicality in Human Vocal Communication: An Evolutionary Perspective. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 377, 20200391. <https://doi.org/10.1098/rstb.2020.0391>
- Santamaría-García, H., Burgaleta, M., Legaz, A., Flichtentrei, D., Cordoba-Delgado, M., Molina, J., Linares, J., Montealegre, J., Castelblanco Toro, S., Schulte, M., Paramo, J., Mondragón, I., **Leongómez, J. D.**, Salamone, P., González-Pacheco, J., Baez, S., & Ibañez, A. (2022). The price of prosociality in pandemic times. *Humanities and Social Sciences Communications*, 9, 15. <https://doi.org/10.1057/s41599-021-01022-2>
- Vásquez-Amézquita, M., Salvador, A., & **Leongómez, J. D.** (2022). Is digit ratio (2D:4D) different between sexual and non-sexual offenders, and non-offending men? Study of a Colombian sample [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), 127–141. <https://doi.org/10.16888/interd.2022.39.1.8>
- Watkins, C., Bovet, J., Fernandez, A. M., **Leongómez, J. D.**, Zelazniewicz, A., Correa Varella, M. A., & Wagstaff, D. (2022). Men say 'I love you' before women do: Robust across several countries. *Journal of Social and Personal Relationships*, 39(7), 2134–2153. <https://doi.org/10.1177/02654075221075264>
- Fiala, V., Třebický, V., Pazhoohi, F., **Leongómez, J. D.**, Tureček, P., Saribay, S. A., ... Kleisner, K. (2021). Facial attractiveness and preference of sexual dimorphism: A comparison across five populations. *Evolutionary Human Sciences*, 3, e38. <https://doi.org/10.1017/ehs.2021.33>
- Jones, B. C., DeBruine, L. M., Flake, J. K., ..., **Leongómez, J. D.**, ..., & Chartier, C. R. (2021). To which world regions does the valence-dominance model of social perception apply? *Nature Human Behaviour*, 5, 159–169. <https://doi.org/10.1038/s41562-020-01007-2>
- Kleisner, K., **Leongómez, J. D.**, Pisanski, K., Fiala, V., Cornec, C., Groyecka, A., ... Akoko, R. M. (2021). Predicting strength from aggressive vocalisations versus speech in African bushland and urban communities. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 376, 20200403. <https://doi.org/10.1098/rstb.2020.0403>
- Kleisner, K., Tureček, P., Roberts, S. C., Havlíček, J., Valentova, J. V., Akoko, R. M., Leongómez, J. D., Apostol, S., Varella, M. A. C., & Saribay, S. A. (2021). How and Why Patterns of Sexual Dimorphism in Human Faces Vary across the World. *Scientific Reports*, 11, 5978. <https://doi.org/10.1038/s41598-021-85402-3>
- Leongómez, J. D.**, Pisanski, K., Reby, D., Sauter, D., Lavan, N., Perlman, M., & Varella Valentova, J. (2021). Voice modulation: From origin and mechanism to social impact. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 376, 20200386. <https://doi.org/10.1098/rstb.2020.0386>
- Leongómez, J. D.**, Sánchez, O. R., Vásquez-Amézquita, M., & Roberts, S. C. (2021). Contextualising courtship: Exploring male body odour effects on vocal modulation. *Behavioural Processes*, 193, 104531. <https://doi.org/10.1016/j.beproc.2021.104531>
- Leongómez, J. D.**, Sánchez, O. R., Vásquez-Amézquita, M., Valderrama, E., Castellanos-Chacón, A., Morales-Sánchez, L., ... González-Santoyo, I. (2020). Self-reported Health is Related to Body Height and Waist Circumfer-

ence in Rural Indigenous and Urbanised Latin-American Populations. *Scientific Reports*, 10, 4391. <https://doi.org/10.1038/s41598-020-61289-4>

- Bonilla, F. M., & **Leongómez, J. D.** (2019). Efectos de la expresión emocional y de la orientación del rostro sobre las respuestas conductuales y el componente N170. *Psychologia*, 13(2), 95–106. <https://doi.org/10.21500/19002386.3473>
- 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. *Journal of Sex Research*, 56(2), 213–228. <https://doi.org/10.1080/00224499.2018.1511965>
- Vásquez-Amézquita, M., **Leongómez, J. D.**, Seto, M. C., Bonilla, F. 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. *Journal of Sex Research*, 56(1), 85–101. <https://doi.org/10.1080/00224499.2017.1372353>
- Watkins, C. D., **Leongómez, J. D.**, Bovet, J., Żelaźniewicz, A., Korbmacher, M., Corrêa Varella, M. A., ... Bolgan, S. (2019). National income inequality predicts cultural variation in mouth to mouth kissing. *Scientific Reports*, 9, 6698. <https://doi.org/10.1038/s41598-019-43267-7>
- Culpepper, P. D., Havlíček, J., **Leongómez, J. D.**, & Roberts, S. C. (2018). Visually Activating Pathogen Disgust: A New Instrument for Studying the Behavioral Immune System. *Frontiers in Psychology*, 9, 1397. <https://doi.org/10.3389/fpsyg.2018.01397>
- Danel, D. P., Valentova, J. V., Sánchez, O. R., **Leongómez, J. D.**, Corrêa Varella, M. A., & Kleisner, K. (2018). A cross-cultural study of sex-typicality and averageness: Correlation between frontal and lateral measures of human faces. *American Journal of Human Biology*, 30(5), e23147. <https://doi.org/10.1002/ajhb.23147>
- 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>
- Bonilla, F. M., & **Leongómez, J. D.** (2017). Efectos en la amplitud y la latencia del componente N170 ante la presentación de rostros emocionales de ira y miedo. *Psychologia*, 11(1), 39–48. <https://doi.org/10.21500/19002386.3100>
- Leongómez, J. D.**, Mileva, V. R., Little, A. C., & Roberts, S. C. (2017). Perceived differences in social status between speaker and listener affect the speaker's vocal characteristics. *PLOS One*, 12(6), e0179407. <https://doi.org/10.1371/journal.pone.0179407>
- Cobey, K. D., Nicholls, M., **Leongómez, J. D.**, & Roberts, S. C. (2015). Self-reported Dominance in Women: Associations with Hormonal Contraceptive use, Relationship Status, and Testosterone. *Adaptive Human Behavior and Physiology*, 1(4), 449–459. <https://doi.org/10.1007/s40750-015-0022-8>
- Leongómez, J. D.** (2015). La música como objeto de estudio científico: consideraciones en torno a la musicalidad y el origen de la música. (*Pensamiento*), (*Palabra*) y *Obra*, 13, 77–86. <https://doi.org/10.17227/2011804X.15PP077.86>
- Leongómez, J. D.** (2014). *Contextual musicality: vocal modulation and its perception in human social interaction* [PhD, University of Stirling]. <http://hdl.handle.net/1893/21102>
- Leongómez, J. D.**, Binter, J., Kubicová, L., Stolařová, P., Klapilová, K., Havlíček, J., & Roberts, S. C. (2014). Vocal modulation during courtship increases perceptivity even in naive listeners. *Evolution and Human Behavior*, 35(6), 489–496. <https://doi.org/10.1016/j.evolhumbehav.2014.06.008>
- Binter, J., **Leongómez, J. D.**, Moyano, N., Valentova, J., Jouza, L., & Klapilová, K. (2012). Sex differences in the incidence of sexual fantasies focused on evolutionary relevant objects. *Anthropologie*, 50(1), 83–93.
- Ferdenzi, C., Lemaître, J.-F., **Leongómez, J. D.**, & Roberts, S. C. (2011). Digit ratio (2D:4D) predicts facial, but not voice or body odour, attractiveness in men. *Proceedings of the Royal Society B: Biological Sciences*, 278(1724), 3551–3557. <https://doi.org/10.1098/rspb.2011.0544>

Leongómez, J. D. (2009). *Variation of pitch and loudness range of human voice in response to intra- and inter-sexual stimuli* [MSc]. University of Liverpool.

Leongómez, J. D. (2008). El origen no humano de la música. (*Pensamiento*), (*Palabra*) y *Obra*, 1(1), 87–97. Ανακτήθηκε από <https://revistas.pedagogica.edu.co/index.php/revistafba/article/view/50>

PREPRINTS AND ARTICLES UNDER REVIEW

Martínez, C. A., & **Leongómez, J. D.** (submitted). Dehumanization Effects on Agency Attributions, Retributive Justice Judgments, and Resocialization Attitudes towards Former Perpetrators in Post-Conflict. *Political Behavior*. https://jdleongomez.info/en/files/Dehumanization_effects.pdf

SCIENCE OUTREACH

Leongómez, J. D. (2021). Meta-análisis de correlaciones en R [Meta-analysis of correlations in R]. *Zenodo*. doi: 10.5281/zenodo.5640182

Leongómez, J. D. (2020). Análisis de poder estadístico y cálculo de tamaño de muestra en R: Guía práctica [Statistical power analysis and sample size calculation in R: A practical guide]. *Zenodo*. doi:10.5281/zenodo.3988776

Mileva, V. R., & **Leongómez, J. D.** (2018). Want to know if your partner's cheating on you? Just listen to their voice. *The Conversation*. <https://theconversation.com/want-to-know-if-your-partners-cheating-on-you-just-listen-to-their-voice-92387>

Mileva, V. R., & **Leongómez, J. D.** (2017). We change our voice when we talk to high-status people, shows new study. *The Conversation*. <https://theconversation.com/we-change-our-voice-when-we-talk-to-high-status-people-shows-new-study-80053>

Investigación Abierta (YouTube channel)



Investigación Abierta [Open Research] is a YouTube channel (in Spanish) where I post videos and tutorials related to quantitative research methods and open science, as well as useful open source software.

Leongómez, J. D. [Investigación Abierta]. (2021). *Hacer meta-análisis en jamovi es muy fácil* [Meta-analysis in jamovi is very easy] [Video]. Youtube. <https://jdleongomez.info/en/post/meta/>

Leongómez, J. D. [Investigación Abierta]. (2020). *Poder estadístico y tamaño de muestra en R* [Statistical power and sample size calculation in R] [3 Videos]. Youtube. <https://jdleongomez.info/en/post/power/>

Leongómez, J. D. [Investigación Abierta]. (2020). *¿Qué es un valor p? Te lo puedo mostrar gráficamente y con simulaciones* [What is a p-value? I can show you graphically] [Video]. Youtube. <https://jdleongomez.info/en/post/pvalue/>

Leongómez, J. D. [Investigación Abierta]. (2020). *Introducción a jamovi* [Introduction to jamovi] [Video]. Youtube. <https://jdleongomez.info/en/post/jamovi/>

Leongómez, J. D. [Investigación Abierta]. (2020). *Introducción a OBS Studio* [Introduction to OBS Studio] [2 Videos]. Youtube. <https://jdleongomez.info/en/post/obs/>

Conference Presentations, Posters and Workshops

Leongómez, J. D., Havlíček, J., & Roberts, S.C. (2022, October). *Musicality in human vocal communication*. Paper presented as part of The Evolution of Human Musicality symposium at the 4th Brazilian Meeting on Evolution of Human Behavior (University of São Paulo), São Paulo, Brazil. https://youtu.be/gK_rl0r4nfs?t=9662

Leongómez, J. D. (2022, October). *jamovi face-to-face session*. Workshop for the Research Training Plan of the Vicerectory of Research (Universidad El Bosque), Bogotá, Colombia.

Leongómez, J. D. (2022, September). *Introduction to jamovi: Modern, free, open source alternative for statistical analysis*. Presentation for the Research Training Plan of the Vicerectory of Research (Universidad El Bosque),

Bogotá, Colombia. <https://investigaciones.unbosque.edu.co/eventos/cuestioneseticas-jjnlm-92bkj-n249w-hbnhl-6tpj4-pm22x-8m3yh-645tt-gw59h-xwc6x-d9sgw-6fzel-hm6dd-2wrls-569m2-8zns8-rg363>

- Leongómez, J. D.** (2022, August). *Beyond Open Access: The need for comprehensive Open Science to address the implications of the naturalisation of malpractice and the replication crisis*. Presentation for the Research Training Plan of the Vicerectory of Research (Universidad El Bosque), Bogotá, Colombia. <https://investigaciones.unbosque.edu.co/eventos/cuestioneseticas-jjnlm-92bkj-n249w-hbnhl-6tpj4-pm22x-8m3yh-645tt-gw59h-xwc6x-d9sgw-6fzel-hm6dd-2wrls-569m2-8zns8>
- Leongómez, J. D.** (2022, April). *How reliable is the scientific literature? Open science as a strategy to address the implications of the naturalisation of bad practices and the replication crisis*. Presentation organised by the Research Unit of the Faculty of Psychology (Universidad El Bosque), Bogotá, Colombia. <https://youtu.be/F198MoBqSaI>
- Leongómez, J. D.** (2020, November). *How many participants do I need? Statistical power analysis and sample size calculation in R*. Workshop presented at the Online International Congress of Neurosciences: Brain and Behaviour in times of COVID-19 (Universidad El Bosque, Universidad de los Andes), Bogotá, Colombia. <https://youtu.be/tVB9sh5ZFH0>
- Leongómez, J. D. & Sánchez, O. R.** (2019, September). *Association between height and waist circumference with health in rural indigenous and urban populations in Latin America*. Paper presented at the XXV Institutional Research Congress (Universidad El Bosque), Bogotá, Colombia.
- Leongómez, J. D.,** Sánchez, O.R., Vásquez-Amézquita, M., Valderrama, E., Castellanos-Chacón, A., Morales-Sánchez, L., Nieto, J., & González-Santoyo, I. (2019, August). *Self-reported Health is Related to Body Height and Waist Circumference in Rural Indigenous and Urbanised Latin-American Populations*. Paper and poster presented at the VII Summer Institute of the International Society for Human Ethology (ISHE), Zadar, Croatia. Poster: <https://jdleongomez.info/en/publication/leongomez2020/PosterA0.pdf>
- Leongómez, J. D.** (2019, June). *Experimental Designs*. Workshop at the Vicerectory of Research (Universidad El Bosque), Bogotá, Colombia.
- Leongómez, J. D.,** Murray, A.K., & Roberts, S.C. (2018, September). *Contextualising courtship: Male body odour effects on vocal modulation*. Paper presented at the XXIV Biannual Conference for Human Ethology (ISHE), Santiago, Chile.
- Leongómez, J. D.** (2017, September). *Effects of hormonal levels, masculinity and femininity, on men's and women's pitch discrimination*. Paper presented at the XXIII Institutional Research Congress (Universidad El Bosque), Bogotá, Colombia.
- Leongómez, J. D.** (2017, August). *The sound of seduction: Vocal modulations and their effects during courtship*. Plenary session at the 2nd Symposium of Neurosciences, Cognition and Society (Universidad Javeriana), Bogotá, Colombia.
- Leongómez, J. D.** (2017, March). *Is the relationship between musical and linguistic processing a vestige of the evolutionary origins of music?*. Plenary session at the 2017 Brain Awareness Week 2017 (Universidad El Bosque), Bogotá, Colombia.
- Leongómez, J. D.,** Mileva, V.R., Little, A.C., & Roberts, S.C. (2016, August). *Perceived differences in social status between speaker and listener affect the speaker's vocal characteristics*. Paper presented at the XXIII Biennial Congress On Human Ethology (ISHE), Stirling, UK.
- Leongómez, J. D.,** Binter, J., Kubicová, L., Stolařová, P., Klapilová, K., Havlíček, J., & Roberts, S.C. (2014, April). *Vocal modulation during courtship increases proceptivity even in naive listeners*. Paper presented at the European Human Behaviour and Evolution Association (EHBEA) Annual Meeting 2014 (University of Bristol), Bristol, UK.
- Leongómez, J. D., & Roberts, S.C.** (2013, April). *The sound of sweet nothings: How men and women modulate vocal parameters in speech directed towards attractive and unattractive individuals*. Oral presentation for the Mind and Brain Group (University of Stirling), Stirling, UK.
- Leongómez, J. D., & Roberts, S.C.** (2013, March). *The sound of sweet nothings: How men and women modulate*

vocal parameters in speech directed towards attractive and unattractive individuals. Poster presented at the European Human Behaviour and Evolution Association (EHBEA) Annual Meeting 2013 (VU University Amsterdam), Amsterdam, Netherlands.

Leongómez, J. D. (2013, March). *Voice research techniques using Praat.* Workshop at the Faculty of Humanities (Charles University), Prague, Czech Republic.

Leongómez, J. D. (2013, March). *Acoustic Communication.* Oral presentation at the Centre for Theoretical Study, Prague, Czech Republic.

Leongómez, J. D., & Roberts, S.C. (2012, May). *The sound of sweet nothings: How men and women modulate vocal parameters in speech directed towards attractive and unattractive individuals.* Oral presentation for the Group of Human Ethology (Charles University), Prague, Czech Republic.

Leongómez, J. D. (2013, March). *Voice research techniques using Praat.* Workshop at the Scottish Universities Psychology Postgraduate Research Training – SUPPORT (University of Stirling), Stirling, UK.

Leongómez, J. D., & Roberts, S.C. (2011, February). *The sound of sweet nothings: How men and women modulate vocal parameters in speech directed towards attractive and unattractive individuals.* Oral presentation for the Behaviour and Evolution Research Group (University of Stirling), Stirling, UK.

Leongómez, J. D., & Roberts, S.C. (2010, December). *Context-dependant modulation of vocal parameters.* Poster presented at The Language of Music, the Music of Language; Meeting 2: Entrainment/Meaning (Centre for Music & Science, University of Cambridge), Cambridge, UK.

Scientific Events

CIVN2020 - Online International Congress of Neurosciences: Brain and Behaviour in times of COVID-19

PRESIDENT OF THE SCIENTIFIC COMMITTEE

- <http://doi.org/10.17605/OSF.IO/5BWNX>

Universidad El Bosque &
Universidad de los Andes

November 25 - 28, 2020

1st International Virtual Congress ISEP

MEMBER OF THE SCIENTIFIC COMMITTEE

- <https://www.isep.es/congreso2020/#comite>

ISEP

May 5 - 7, 2020

Postgraduate and undergraduate Supervision

Postgraduate

PHD IN NEUROSCIENCE

- Milena Vásquez-Amézquita. Supervised together with Alicia Salvador

University of Valencia, Spain

2015 - 2018

Postgraduate

PROFESSIONAL DOCTORATE IN COUNSELLING PSYCHOLOGY

- Francisco Javier Flores. Supervised together with Lisa Chiara Fellin

University of East London, UK

2015 - 2018

Postgraduate

PSYCHOLOGICAL RESEARCH METHODS (EVOLUTIONARY PSYCHOLOGY) MSc

- Julia Sanz-Vidania. Supervised together with S Craig Roberts

University of Stirling, UK

2013 - 2014

Postgraduate

MSc IN PSYCHOLOGY

- Adrián Acosta Guerrero. Supervised together with Milena Vásquez-Amézquita

Universidad El Bosque, Colombia

2019 - 2020

Postgraduate

BIOLOGY

- María Alejandra Abello Mozo (2017 - 2018)

Universidad El Bosque, Colombia

2017 - 2018

Postgraduate

MUSIC PEDAGOGY

- Natalia Elízaeth Moreno Buitrago (2017 - 2019)
- Juan Felipe Pérez Ariza (2017 - 2019)

Universidad Pedagógica Nacional,
Colombia

2017 - 2019

Undergraduate

Universidad El Bosque, Colombia

PSYCHOLOGY

Since 2015

- Andrés Castellanos-Chacón (2017 - 2018; teaching supervision 2019 - Present)
- Angie Alejandra Lozano Sanjuan (2021 - 2022)
- Daniela Martínez Franco (2021 - 2022)
- Mariana Saavedra Botero (2021 - 2022)
- John Jairo Rubio (2021 - 2022)
- Maria Paula Moreno Rodríguez (2019 - 2021)
- Andrés Felipe Orozco Serrato (2020 - 2021)
- Danny Ferley Gaitan Rodríguez (2019 - 2020)
- Hasbleidy Gamboa Ordoñez (2019 - 2020)
- Paula Andrea Betancourt Velandia (2018 - 2019)
- Ana Sofía Gómez Castelblanco (2018 - 2019)
- Lina María García Hoyos (2016 - 2017)
- Angie Liliana Pérez Rodríguez (2016 - 2018)
- Lina María Morales Sánchez (2016 - 2017)
- Laura Milena Estupiñán Aldana (2016 - 2017)
- Vanesa Díaz Güiza (2016 - 2018)
- Cindy Paola Moncada Gómez (2016 - 2017)
- Haydn Ricardo Roldán Morales (2015 - 2016)

Editorial Appointments

My verified review record is available from my [Web of Science](#) profile.

Philosophical Transactions of the Royal Society B

Editorial Boards

GUEST EDITOR

2020 - 2021

- Theme Issue "Voice modulation: from origin and mechanism to social impact"
- Edited by Juan David Leongomez, Katarzyna Pisanski, David Reby, Disa Sauter, Nadine Lavan, Marcus Perlman, & Jaroslava Varella Valentova

Frontiers in Psychology

Editorial Boards

REVIEW EDITOR

2019 - Present

- Specialty section on Evolutionary Psychology

Ad Hoc Reviewer

Journals

JOURNALS INCLUDE

Since 2013

- Proceedings of the Royal Society B: Biological Sciences
- Royal Society Open Science
- PLOS ONE
- Evolution and Human Behavior
- Scientific Reports
- Cortex
- Journal of Nonverbal Behavior
- Perception
- Basic and Applied Social Psychology
- Frontiers in Psychology
- Evolutionary Psychology
- Human Ethology Bulletin
- Summa Psicológica

Academic Reviewer

Colombian Institutions

PUBLICATION EVALUATION

Since 2015

- MinCiencias
- Universidad Nacional de Colombia

Memberships

CURRENT

- [International Society for Human Ethology \(ISHE\)](#)

PAST

- [European Human Behaviour and Evolution Association \(EHBEA\)](#)
- [Association for Psychological Science \(APS\)](#)