Catalina **Cañizares**

✉ cata.canizares@gmail.com | ⓞ 0000-0002-6854-5205 | ⓖ ccani007 | 🐦 CatalinaCaniza1

Education

Florida International University   *Miami, United States*
PhD Candidate in Social Welfare   *Current*

Universidad de los Andes   *Bogotá, Colombia*
Master in Clinical and Health Psychology   *2014*

Universidad de los Andes   *Bogotá, Colombia*
Bachelor in Pyschology   *2012*

Research

Research Coordinator   *Florida International University*
Robert Stempel College of Public Health and Social Work   *2022 - February 2024*
- World Trade Center Health Study in Florida.
  - Build the strategy to collect data and grant application support

Research Assistant as an Independent Contractor   *Boston College*
School of Social Work   *2022 - Present*
- Mothers and Children of All Nations Defying the Odds.
  - Analysis of qualitative data

Research Assistant   *Universidad de los Andes*
Department of psychology   *2012 - Present*
- Depression and genetics.
  - Review and select literature, collect and analyze data, evaluate and write proposals for publication.

Research Assistant   *Universidad de los Andes*
Department of psychology   *2018 - January 2019*
- Adaptation and Validation of the Unified Protocol for victims of armed conflict in Colombia.
  - Implement the Unified Protocol with victims of armed conflict in Colombia

Teaching Experience

Instructor   *Florida Atlantic University*
NIH/NHLBI R25HL161796: Training program in biostatistics, epidemiology and data science to undergraduate and
early graduate students from underrepresented groups   *June 2024 - June 2024*
- Data Science and Machine Learning

Co-Teacher   *Florida International University*
R Computing for Health Sciences   *June 2023 - August 2023*
- Introduction to Supervised Machine Learning

Teacher Assistant   *Virtual Conference*
R Medicine 2023   *June 2023 - June 2023*
- R Medicine 101: Introduction to Clinical Data Analysis with R

Instructor   *Morehouse School of Medicine*
The Research Centers in Minority Institutions (RCMI) Consortium   *February 2023 - May 2023*
- A 10-week national series to the R Programming language, using a modified version of the R for Reproducible Scientific Analysis Data Carpentry curriculum

Teacher Assistant   *University of Miami*
Institute for Data Science and Computing   *February 2023 - February 2023*
- Facilitated educational sessions on Git, Shell, and R using the Data Carpentry curriculum

Teacher Assistant   *Florida International University*
Biostatistics   *January 2023 - April 2023*
- Avanced R for posgraduate students

Teacher Assistant *Florida International University*

BIOSTATISTICS *June 2022 - August 2022*

- Avanced R for posgraduate students

Graduate Teaching Assistantship *Universidad de los Andes*

SPANISH CENTER *January 2013 - December 2013*

- Tutored undergraduate students in Spanish writing skills.
  - Developed and implemented activities and rubrics to evaluate skills in Spanish writing.
  - Assisted the course Fundamentals of Psychology (spring, 2013 and fall, 2013).

Undergraduate Teaching Assistantship *Universidad de los Andes*

DEPARTMENT OF PSYCHOLOGY *January 2010 - May 2010*

- Assisted the course Neuroscience 1 (Spring, 2010)

Publications

1. Cañizares, C., Gómez-Maquet, Y., Ferro, E., Torres, C., Agudelo, D., & G, O. (2023). Using tree-based models to identify factors contributing to trait negative affect in adults with and without major depression. *Research Square*, *Version 1*. `https://doi.org/10.21203/rs.3.rs-2978274/v1`

2. Macgowan, M., & Cañizares, C. (2023). *La formación de grupos basada en la evidencia para el trabajo con familias* (C. O. Socias & M. B. P. Barrio, pp. 131–151). Octaedro.

3. Cañizares, C., & Macgowan, M. J. (2023). Interventions for adolescent suicide ideation and suicide attempts in latin america and spain: A systematic review. *Research on Social Work Practice*, *0*(0). `https://doi.org/10.1177/10497315231178462`

4. Gómez-Maquet, Y., Velásquez Toledo, M., Cañizares, C., Uribe, C., Manzanilla, I., Ferro, E., Agudelo, M., Arenas Borrero, Á., & Lattig, M. (2022). The role of cognitive schemas and childhood adversity in the likelihood of developing major depressive disorder. *Revista Latinoamericana de Psicología*, *54*. `https://doi.org/10.14349/rlp.2022.v54.8`

5. Gómez-Maquet, Y., Ángel, J. D., Cañizares, C., Lattig, M. C., Agudelo, D. M., Arenas, Á., & Ferro, E. (2020). The role of stressful life events appraisal in major depressive disorder. *Rev Colomb Psiquiatr (Engl Ed)*, *49*(2), 68–75. `https://doi.org/10.1016/j.rcp.2018.07.004`

6. Petro, L., Gaviria, A., Cañizares, C., Uribe, C., Ferro, E., Arenas Borrero, Á., Gómez-Maquet, Y., & Lattig, M. (2019). Assessment of perception of stressful life events as important factors in major depressive disorder (MDD). *European Neuropsychopharmacology*, *29*, S841–S842. `https://doi.org/10.1016/j.euroneuro.2017.08.108`

7. Latigg, M., Villamizar, V., Gaviria, A., Ángel, J., Cañizares, C., Ferro, E., Arenas Borrero, Á., & Gómez-Maquet, Y. (2017). BDNF methylation and stress response in a clinical population with major depressive disorder. *Biological Psychiatry*, *81*, S96. `https://doi.org/10.1016/j.biopsych.2017.02.247`

8. Horn, A., Cañizares, C., & Gómez-Maquet, Y. (2014). Prevention of adolescent depression in the spanish-speaking world. *International Journal of Environmental Research and Public Health*, *11*, 5665–5683. `https://doi.org/10.3390/ijerph110605665`

Software development

1. Cañizares, C. (2023). *dissertationData: Cleaned and combined YRBS 2017, 2019 and 2021 data*. `https://ccani007.github.io/dissertationData/index.html`

Conference presentations

1. Panellas, I., & Cañizares, C. (2024). *Understanding adolescent alcohol consumption: A decision tree analysis of YRBSS data*. Society for Social Work and Research 28th Annual Conference - Recentering & Democratizing Knowledge: The Next 30 Years of Social Work Science, Washington, DC.

2. Cañizares, C., Lucchini, R., & Macgowan, M. (2023). *Predicting PTSD diagnosis in a cohort of first responders to the 9/11 attacks: A supervised machine learning approach using classification trees*. 15th International Work, Stress, and Health Conference: Work and Mental Health - Challenges and Solutions in a Changing World, Miami, FL. United States of America.

3. Macgowan, M., Arias-Astray, A., Baar, H., Benbow, S., Cañizares, C., Greenhouse-Gardella, L., Garvin, C., Godfrey-Kaplan, S., Muskat, B., Prinsloo, R., Seck, M., Simon, S., Smith, M., & Tully, G. (2023). *Applying the new IASWG standards with online considerations: It's time for practice!* Joan K. Parry Memorial Plenary at 2023 International Association for Social Work With Groups International Symposium.

4. Cañizares, C., Rusell, A., Macgowan, M., & Odom, G. (2023). *Hopelessness in youth: A supervised machine learning classification approach to identify risk factors*. Poster at the Society for Prevention Research 31st Annual Meeting, Washington D.C. United States of America.

5. Cañizares, C. (2023). *Contributing to scientific reproducibility: Using RMarkdown and knitr to create reproducible research documents*. Workshop presented at the Society for Social Work and Research 27th Annual Conference Battling Inequities and Building Solutions, Phoenix, AZ.

6. Cañizares, C., Macgowan, M. J., & Odom, G. (2023). *Risk factors associated with suicide attempts in u.s high school students since 2005: A replication study*. Oral Presentation at the Society for Social Work and Research 27th Annual Conference Battling Inequities and Building Solutions, Phoenix, AZ.

7. Bursac, Z., Rodriguez, A., Williams, R., Bhoite, P., Gonzalez, I., Cañizares, C., & Odom, G. (2022). *R for data science in PublicHealth*. Oral Presentation at the International Data Science Conference Europe, Belgrade, Serbia.

8. Cañizares, C., Macgowan, M., & Odom, G. (2022). *It just takes a question: The development of tidyDisasters and tidyYRBS*. Invited Speaker at the Data Science Conference US Health, Miami, FL.

9. Cañizares, C., & Macgowan, M. (2022). *Interventions for adolescent suicidality in latin america: A systematic review*. Poster at the Society for Social Work and Research 26th Annual Conference - Social Work Science for Racial, Social,and Political Justice, Washington D.C. United States of America.

10. Cañizares, C., & García, N. (2017). *Utilización de pruebas psicométricas en psicología clínica y su relación con el entrenamiento en formulación transdiagnóstica en un programa de maestría clínica y de la salud*. Oral presentation at Congreso Colombiano de Psicología: Psicología y Construcción de Paz, Medellín, Colombia.

11. Cañizares, C., Martinéz, M., Estupiñan, & Gutiérrez, C. (2015). *Desarrollo de guías clínicas en la casa espinosa-centro de prácticas de psicología clínica*. Panelist at the IV Forum of Clinical and Health Intervention Guidelines, Bogotá, Colombia.

Workshops

1. Cañizares, C., & Cardozo, F. (2024). *Promover la equidad científica: Una introducción al uso de r para la programación en bioestadística y ciencia de datos, en español*. R/Medicine an R Consortium Conference.

2. Cañizares, C., Cardozo, F., & Balise, R. (2024). *Mastering effective data visualization with ggplot2 in r: A hands-on workshop for social work researchers*. Society for Social Work and Research 28th Annual Conference - Recentering & Democratizing Knowledge: The Next 30 Years of Social Work Science, Washington, DC.

3. Cañizares, C. (2023). *Contributing to scientific reproducibility: Using RMarkdown and knitr to create reproducible research documents*. Workshop presented at the Society for Social Work and Research 27th Annual Conference Battling Inequities and Building Solutions, Phoenix, AZ.

Work in Progress

1. Baiden, Philip, Cañizares, C., Sllers, C., M, LaBrenz, C., A, Li, N., R, G., & K, S. (2024). Effects of objective and perceived weight on suicidal ideation among adolescents: Findings from the 2015-2021 national youth risk behavior survey. *Submitted*.

2. Baiden, Philip, Sellers, C., LaBrenz, C., Park, Y., Ansah-Koi, S., Minogue, A., & Cañizares, C. (2024). Association between polyvictimization and suicidal thoughts and behaviors among adolescents: Findings from the 2017-2021 national youth risk behavior survey. *Submitted*.

3. Baiden, Philip, Cañizares, C., Broni, M., N, LaBrenz, C., A, & Baiden F, J. (2023). A population attributable fraction of forced sexual intercourse on the association between early sexual initiation and polysubstance use among adolescents. *Submitted*.

4. Gómez-Maquet, Y., Cañizares, C., Ferro, E., & Torres, C. (n.d.). Longitudinal analysis of cognitive schemas in depressed patients: A colombian cohort study. *Manuscript in Preparation*.

5. Lucchini, R., Cañizares, C., Borisenko, Nikita, Macgowan, M., Hu, N., Chaves, P., Hoz, R. de la, Brown, S., & Todd, A. (n.d.). Profile of a growing sub cohort of the world trade center health program residing in the state of florida. *Submitted*.

6. Pineros-Leano, M., Alethea, D., Piñeros-Leaño, N., Moya, A., Cañizares, C., Tam, L., Jiménez, M. P., & Betancourt, T. (n.d.). Cultural adaptation of an evidence-based intervention to address mental health among youth impacted by armed conflict in colombia. *Submitted*.

Skills

Software	Microsoft Office, SPSS, ATLAS.ti, Nvivo, Dedoose
Programming Languages	R, Python
Reproducible Report	Quarto, Markdown/Rmarkdown, R shiny apps, Jupyter Notebook
DevOps	Git, GitHub
Web development	Wordpress, GitHub Pages, Netlify
Languages	Spanish, English

Honors and Awards

Outstanding Graduate Recognition *Miami, FL*
FLORIDA INTERNATIONAL UNIVERSITY *2024*
- Extraordinary academic, professional, and personal achievements as a graduate student from FIU

Doctoral Student Travel Award *Washington, D.C*
SOCIETY FOR SOCIAL WORK AND RESEARCH (SSWR) *2024*
- Award to increase the diversity of doctoral student presenters from underrepresented groups, Prize: $500

Honorable Mention: NIDA International Poster Session *Washington, D.C*
SOCIETY FOR PREVENTION RESEARCH *2023*
- Honorable Mention for Poster Hopelessness in Youth: A Supervised Machine Learning Classification Approach to Identify Risk Factors. Prize: SPR Membership for 2024

The C.V. Starr Scholarship *Miami, FL*
ROBERT STEMPEL COLLEGE OF PUBLIC HEALTH AND SOCIAL WORK *2023*
- Scholarship for Latin America and The Caribbean doctoral students with an award of up to $27,941

The Stempel Travel Award *Miami, FL*
ROBERT STEMPEL COLLEGE OF PUBLIC HEALTH AND SOCIAL WORK *2023*
- Award to graduate students in FIU Stempel College to attend conferences of up to $750

Fulbright *Bogotá*
SCHOLARSHIP FULBRIGHT-MINCIENCIAS *2020*
- Scholarship for Doctoral studies in the United States of America for $330.000.000 COP

Spanish Center Award *Universidad de los Andes*
SCHOLARSHIP FOR POSGRADUATE STUDIES *2013*
- Awarded for academic excellence and proficient knowledge in Spanish writing skills

Professional Membership

Society for Social Work and Research
MEMBER *2021 - Present*

Society for Prevention Research
MEMBER *2023 - Present*

International Association for Social Work With Groups
MEMBER *2023 - Present*

American Psychological Association
MEMBER *2022 - 2023*

Professional Experience

Academic Coordinator *Universidad de los Andes*
SCHOOL OF EDUCATION *October 2017 - July 2020*
- Arrangement of academic matters like schedules, lectures, classes and summer school for undergraduate, postgraduate and PhD programs of the School of Education.
  - Assess the quality of academic processes.
  - Support students throughout their programs and warrant their graduation.
  - Systematize information and use it to improve academic processes.

Clinical Psychologist *Universidad de los Andes*
OFFICE OF STUDENT AFFAIRS *March 2017 - October 2017*
- Provided psychological attention for undergraduate and graduate students.
  - Designed psycho-educational workshops for students.
  - Mediated in disciplinary cases.
  - Supported the development of the protocol to report cases of sexual abuse and harassment (MAAD).

Clinical Manager of the Center of Psychology, Casa-Espinosa   *Universidad de los Andes*

February 2014 - March 2017

- Supervised students practicum of the Master in Clinical and Health Psychology.
    - Guided the development of intervention guidelines for the center of psychological attention.
    - Implemented technological features to gather information from patients to be used in further investigation.
    - Represented the center at the Colombian Network of Psychological University Centers Red ISUAP