

Catalina Cañizares, Ph.D.

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EDUCATION

Ph.D. in Social Welfare Florida International University, Miami, FL <i>Dissertation:</i> Comparing Supervised Machine Learning Classification Methods to Identify Risk Factors for Suicide Morbidity Among USA High School Students <i>Faculty Advisor:</i> Dr. Mark J. Macgowan	2020-2024
M.Sc. in Clinical and Health Psychology Los Andes University, Bogotá, Colombia	2012-2014
B.A. in Psychology Los Andes University, Bogotá, Colombia	2008-2014

ACADEMIC APPOINTMENTS

Provost Postdoctoral Research Fellow New York University, Department of Applied Psychology Faculty Advisor: Pamela Morris-Perez	2024 -
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RESEARCH POSITIONS

Academic Consultant Integrating a culturally adapted mental health intervention within entrepreneurship training for displaced youth in Colombia Principal Investigators: Dr. Maria Piñeros, Dr. Alethea Desoriers Boston College University	2022 -
Research Coordinator World Trade Center Health Study in Florida: Building Integrative Care for 9/11 First Responders who relocated to Florida. Principal Investigators: Dr. Roberto Lucchini, Dr. Mark Macgowan Florida International University	2022-2024
Research Assistant Depression, cognition and stress in Colombian adults. Principal Investigators: Dr. Yvonne Gómez Los Andes University	2012 -

Research Assistant	2018-2019
Adaptation and validation of the Unified Protocol for victims of armed conflict in Colombia.	
Principal Investigator: Leonidas Castro	
Los Andes University	

TEACHING

Instructor

Florida Atlantic University

Training program in Biostatistics, Epidemiology and Data Science to Undergraduate and early graduate students from underrepresented groups	Summer 2024
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Morehouse School of Medicine

10-week National Series to the R programming Language to the Research Centers in Minority Institutions (RCMI) Consortium	Spring 2023
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Workshops

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.

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.

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.

Co-Instructor

Florida International University

R Computing for Health Sciences	Summer 2023
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Teaching Assistant

R Medicine

R Medicine 101: Introduction to Clinical Data Analysis in R	Summer 2023
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Florida International University

Advanced R

Advanced R

Spring 2023

Summer 2022

Los Andes University

Tutored undergraduate students in Spanish writing skills

2013

PUBLICATIONS

Pineros-Leano, M., Alethea, D., Piñeros-Leaño, N., Moya, A., **Cañizares, C.**, Tam, L., Jiménez, M. P., & Betancourt, T. (In print). Cultural adaptation of an evidence-based intervention to address mental health among youth impacted by armed conflict in Colombia. *Cambridge Prisms: Global Mental Health*.

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>

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*, 34(4), 433–453. <https://doi.org/10.1177/10497315231178462>

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.

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>

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. *Revista Colombiana de Psiquiatría (Engl Ed)*, 49(2), 68–75. <https://doi.org/10.1016/j.rcp.2018.07.004>

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>

Lattig, 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>

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>

Manuscripts in Preparation

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*.

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*.

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

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*.

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*.

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*.

PRESENTATIONS

Cañizares, C. (2024). *Assessing the impact of missing data on YRBS-based adolescent suicide research*. APA Convention 2024: Community, Impact, and Learning, Seattle, WA.

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.

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.

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.

Cañizares, C., Russell, 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.

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.

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.

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.

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.

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.

Cañizares, C., Martínez, M., Estupiñán, & 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.

SOFTWARE DEVELOPMENT

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

HONORS

Outstanding Graduate	2024
Florida International University	
Extraordinary academic, professions, and personal achievements as a graduate student from FIU	
Honorable Mention: NIDA International Poster Session	2023
Society for Prevention Research	

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 Robert Stempel College of Public Health and Social Work Scholarship for Latin America and The Caribbean doctoral students with an award of up to \$27,941	2023
Fulbright Scholarship for Doctoral studies in the United States of America for \$100,000	2020
Spanish Center Award Los Andes University Awarded for academic excellence and proficient knowledge in Spanish writing skills	2013

AWARDS

The Stempel Travel Award Florida International University (\$700)	2024
Doctoral Student Award Society for Social Work Research (\$500)	2024
The Stempel Travel Award Florida International University (\$700)	2023

PROFESSIONAL SERVICE

Reviewer:
Journal of prevention Science
Cambridge Prisms: Global Mental Health

Book Award Review Committee:
Society for Social Work Research

PROFESSIONAL MEMBERSHIP

Society for Social Work Research, Society for Prevention Research, International Association for Social Work with Groups, American Psychological Association

SKILLS

Software	Microsoft Office, SPSS, ATLAS.ti, Nvivo, Dedoose
Programming Languages	R, Python
DevOps	Git, Github
Web Development	GitHub Pages, Netlify, Wordpress
Languages	Spanish, English

PROFESSIONAL EXPERIENCE

Academic Coordinator School of Education Los Andes University	2017-2020
Clinical Psychologist Office of Student Affairs Los Andes University	2017-2017
Clinical Manager Department of Psychology Los Andes University	2014-2017