

# CURRICULUM VITAE

(Updated January – 2024)

## **Andrea Ramirez Varela MD, MPH, Ph.D.**

Assistant Professor

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### **Education**

<b>Completion Date</b>	<b>Degree</b>	<b>Institution and location</b>	<b>Field of study</b>
09/2010	MD	Los Andes University, Colombia	Medicine
05-12/2009	Public Health internship	University of British Columbia UBC, Canada	Public Health
04/2015	MPH	Los Andes University, Colombia	Public Health
04/2019	Ph.D.	Federal University of Pelotas, Brazil	Epidemiology
12/2017	Research Scholar	University of California San Diego, United States	Epidemiology

### **Interests and expertise**

I define myself as physician-scientist working at the intersection of public health, physical activity epidemiology and policy research. I have focused my career on three main areas: (1) Life course studies among underserved populations in Latin America and other low and middle-income country settings, to study the prevalence, determinants and correlates of morbidity and mortality in children, childhood obesity and malnutrition, and physical activity and healthy lifestyle in children and adults; (2) Studies to establish, strengthen and sustain global surveillance systems of physical activity levels, research capacity, and physical activity policy, to contribute to effective and equitable global physical activity promotion efforts; and, (3) Studies using a broad syndemic approach to understand the relation between physical activity promotion, noncommunicable disease prevention, and infectious disease crises (e.g., COVID-19 pandemic) and with this, find synergistic solutions to all.

## Professional positions

January 2024 - Present	<b>Assistant Professor, Department of Epidemiology, UTHealth Science Center at Houston, School of Public Health Center for Pediatric Population Health Department of Pediatrics at McGovern Medical School Houston, Texas, US</b>
January 2020 – December 2023	Assistant Professor, School of Medicine at Universidad de los Andes, Bogotá, Colombia.
January - December 2019	Lecturer in Epidemiology, School of Medicine at Universidad de los Andes, Bogotá, Colombia.
June 2014 - December 2018	Research project coordinator, Post-Graduation Program in Epidemiology, Federal University of Pelotas, Pelotas, Brazil.
August 2013 - June 2014	General Physician, Hospital Universitario, Fundación Santa fe de Bogotá, Bogotá, Colombia.
October 2013 - April 2014	Study Coordinator (Site Coordinator), JSS Medical Research/ Latam Clinical Trials, Bogotá, Colombia.
September 2010 - June 2013	Research project coordinator, School of Medicine Universidad de los Andes, Bogotá, Colombia.
July 2010 - 2011	Obligatory Social Medical Service in Colombia as a Public Health Research Assistant, Department of Public Health, School of Medicine Universidad de los Andes, Bogotá Colombia.
December 2009 - June 2011	Research Assistant. Health Sciences Online – NextGenU. University of British Columbia, Vancouver, Canada.

## Research Projects & Consulting

Dates: March 2022 – December 2023	<p><u>Title:</u> Assessing pandemic preparedness and response in Latin American countries: lessons learned from the COVID-19 pandemic national response and future steps for regional health</p> <p><u>Role:</u> Principal investigator</p> <p><u>Status:</u> current research</p> <p><u>Total funds:</u> External competitive award (OSUN Junior Academy Fellow) from Queen Elizabeth II Academy for Leadership in International Affairs, Chatham House (10,000 GBP). Also, a contract with the Fundación Santo Domingo FSD and the National Association of Entrepreneurs ANDI in Colombia (9,000 USD) for the closing event.</p>
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Date: January 2021- current     Title: Physical Activity Policy at the National and City Levels Project: The Global Observatory for Physical Activity, GoPA!  
Role: Principal investigator  
Status: current research  
Total funds: Internal competitive award from Universidad de los Andes, Bogotá, Colombia (30,000 USD)

Date: November 2021- current     Project: The Global Observatory for Physical Activity, GoPA!: The Country Cards 2024  
Role: Principal Investigator  
Status: current research  
Total funds: Internal competitive award from Universidad de los Andes, Bogotá, Colombia (30,000 USD); University of San Diego (25,000 USD), Federal University of Pelotas, Brazil (22,000 USD)

Dates: June 2021 –June 2022     Title: CoVIDA- La vacuna es de todos  
Role: Principal investigator  
Agency: Universidad de los Andes, Bogotá, Colombia.  
Status: completed research  
Total funds: Contract with Fundación Santo Domingo in Colombia (100,000 USD)

Dates: From January - June 2021     Title: COVPROSHIELD Effectiveness and adherence of the use of closed face shields for the prevention of COVID-19 transmission: a randomized controlled clinical trial  
Role: Principal investigator  
Status: completed research  
Total funds: (50,000 USD) External competitive grant from the United Nations Development Program, Bogotá, Colombia.

Dates: March 2020 -April 2021     Title: CoVIDA- Epidemiologic Surveillance of COVID-19 in Bogota, Colombia  
Role: Co-Investigator  
Status: completed research  
Total funds: (450,000 USD) Universidad de los Andes, Bogotá, Colombia and the Interamerican Development Bank IDB.

Dates: From January 2020- current     Title: Examining the Influence of Political Ideology on COVID-19 Mitigation in the Americas  
Role: Co-Investigator and Colombia site director (PI: Guillermo Rosas)  
Status: current research  
Total funds: (50,000 USD) Washington University in St. Louis and McDonnell International Scholars Academy, St. Louis.

Dates: From February 2020 - current     Title: FARA-EPICO – Cohort study of COVID-19 in children in Bogota, Colombia

Role: Principal Investigator  
Status: completed research  
Funds: Sponsored by the Pediatrics Department at Hospital Universitario Fundación Santa Fe de Bogota and the Pediatrics Residency Program at Universidad de los Andes.

Dates: From December de 2018 – February 2020

Title: Limiting factors and factors that facilitate intersectoral actions during the implementation of a public health intervention for prevention and care of children under 1 year of age at risk and with chronic malnutrition residing in the capital district.

Role: Co-Investigator (PI: Kenny Trujillo)

Status: completed research

Total funds: Consultancy with Centro de Estudios e Investigación en Salud – CEIS, Bogotá, Colombia and Fundación Éxito (5,000 USD)

Dates: From August 2019 - current

Title: Social Capital, Mental Health, Health-Related Quality of Life and Lifestyle behaviors in university students: A two wave Panel Study.

Role: Co-investigator (PI: Insa Backhaus)

Agency: Universidad Sapienza de Rome, Rome, Italy. Universidad de los Andes, Bogotá, Colombia.

Status: completed research

Dates: From June 2019 – November 2021

Title: Physical Activity in Low- and Middle-Income Countries – Book

Role: Multi-Principal Investigator and Co-Editor (Multi-PI: Katja Siefken, Nico Schlenker, Temo Waqanivalu)

Agency: Routledge Publisher.

Status: completed research

Total Funds: (8,000 USD) University of Technology Sydney, Australia and Medical School Hamburg, Germany.

Dates: From June 2015 - current

Title: A lifecourse approach for understanding levels, trends, determinants and consequences of physical activity, and to inform interventions and policy for global action. The Global Observatory for Physical activity GoPA!

Role: Project Director (PI: Pedro Hallal)

Status: current research

Total Funds: External competitive award from Wellcome Trust, England.

Dates: September 2011- June 2013

Title: International Study of Childhood Obesity and Environment ISCOLE-Colombia

Role: Project Site manager (PI: Olga Lucia Sarmiento)

Status: completed research

Total funds: External competitive award Pennington Biomedical Research Center- PBRC, United States.

- Dates: April 29- May16 2011      Title: International Study of Physical Activity and Environment IPEN-MEXICO  
Role: Invited consultant (Multi-PI: Deborah Salvo, Michael Pratt)  
Status: completed research  
Total funds: External competitive award Emory University, Atlanta, and NCI, United States.
- Dates: 2010-2012      Title: International Study of Physical Activity and Environment IPEN  
Role: Project Manager in Colombia (Multi-PI: Olga Lucia Sarmiento, Jim Sallis)  
Status: completed research  
Total Funds: External competitive award NCI, United States, Universidad de los Andes, Bogotá, Colombia.
- Dates: 2010-2011      Title: Colombian National Nutrition Survey. ENSIN 2010  
Role: Research assistant (PI: Olga Lucia Sarmiento)  
Agency: Instituto Colombiano de Bienestar Familiar (Family Welfare Colombian Institute)  
Status: completed research
- Dates: 2009-2011      Title: Health Sciences Online-NextGenU  
Role: Research assistant (PI: Erica Frank)  
Agency: University of British Columbia, Vancouver, Canada  
Status: completed research
- Dates: 2006-2011      Title: The influence of “TransMilenio” (bus rapid transportation system) on the association between air quality and respiratory symptoms, cardiorespiratory fitness and quality of life among school-children in Bogotá, Colombia  
Role: Research Assistant (PI: Olga Lucia Sarmiento)  
Agency: Colciencias (Colombian Science Foundation), Universidad de los Andes, Bogota, National University of Colombia, Health Department of the District of Bogotá and Universidad Javeriana. Centro de Estudios e Investigación en Salud de la Fundación Santa Fe de Bogotá.  
Status: completed research

### **Clinical and research rotations**

- July, 2013      Preventive Medicine, Pennington Biomedical Research Center, Baton Rouge, United States
- June, 2013      Pediatric Gastroenterology, Obesity clinic, Miami Children’s Hospital, Miami, United States

November, 2009 School of Population and Public Health. University of British Columbia, UBC (Public Health Internship), Vancouver, Canada

### **Certificates and additional training**

August, 2023 Advanced Field Epidemiology Training Program – FETP 2023-2025, National Institute of Health. Colombia

May, 2022 Junior Fellow at the Queen Elizabeth II Academy for Leadership in International Affairs, Chatham House. London, UK

January, 11-14 2022 Teaching and Pedagogy Module, University of the Andes, Bogotá, Colombia

March, 2022 Pandemics: emergence, spread and response, online course. London School of Hygiene and Tropical Medicine. Bogotá, Colombia

September, 2021 Applied Risk Communication for the 21st Century. the Harvard T.H. Chan School of Public Health. Bogotá, Colombia

November, 2020 XXVIII International Course on Methods in Epidemiology and Public Health Surveillance with emphasis on outbreak and epidemic management. Colombian National Institute of Health. Bogotá, Colombia

February, 2020 Adaptive leadership course in complex contexts, School of Government, Universidad de los Andes. Bogotá, Colombia

August, 2018 Principles and Practice of Cancer Prevention and Control Course. National Cancer Institute NCI – National Institutes of Health NIH. Washington DC, United States

November, 2016 Pragmatic Evaluation in Physical Activity Course, Level 2. Bangkok, Thailand

June, 2016 Pragmatic Evaluation in Physical Activity Course University of Cape Town. Level 1. Cape Town, South Africa

August, 2015 III Curso de Atividade Física e Saúde Pública. Universidade Federal de Pelotas, Sociedade Brasileira de Atividade Física e Saúde e Sociedade Internacional de Atividade Física e Saúde. Gramado, Brazil

October, 2013 Manuscript Writing Workshop. Harvard Medical School. Bahia, Brazil

September, 2013	Physical Activity and Public Health Research Course. Arnold School of Public Health, Prevention Research Center, University of South Carolina. Centers for Disease Control and Prevention. Park City, Utah, United States
August, 2013	I International Course of Health and Epidemiology Research, Bogotá, Colombia.
July, 2013	Advanced statistical Workshop. Harvard Medical School. Boston, United States
July, 2013	Study Coordinator Workshop. Harvard Medical School. Boston, United States
November, 2013	Principles and Practice of Clinical Research Online Course. Department of Continuing Education, Harvard Medical School. Bogotá, Colombia
November, 2010	Training in Critical analyses of Biomedical Literature. Centro de gestión hospitalaria y Universidad Jorge Tadeo Lozano. Bogotá, Colombia
February, 2011	Diploma in “critical analysis of biomedical literature”. Hospital Management Center and Jorge Tadeo Lozano University. Bogotá, Colombia
November, 2009	Scientific Writing Course, University of British Columbia. Vancouver Canada.

## **Publications**

1. Mejía Grueso J, Pratt M, Resendiz E, Salvo D, Niño Cruz GI, Ruiz Gómez NY, Leandro Gómez RA, Revuelta Sánchez I, Araya Vargas GA, Ochoa Avilés AM, Pérez Tasigchana RF, Jáuregui A, Hallal PC, **Ramírez Varela A**. Physical activity policies at national and subnational levels: a study in Colombia, Costa Rica, Ecuador, and Mexico. Accepted 12/2023 in the Journal of Physical Activity and Health JPAH.
2. Resendiz E, Salvo D, **Ramírez Varela A**, Mejía Grueso J, Moon J, Mitáš J, Brownson R, Pratt M. Breaking Barriers: An Innovative Tool to Assess the National and City-Level Physical Activity Policy development to practice disconnect. Accepted 12/2023 in the Journal of Physical Activity and Health JPAH.
3. Roa P, Rosas G, Niño Cruz1GI, Moreno López SM, Mejía Grueso J, Aguirre-Loaiza H, Alarcón Aguilar J, Reis R, Akira Hino A, López F, Salvo D, **Ramírez Varela A**. Self-perception of mental health, COVID-19 and associated sociodemographic contextual factors in Latin America. Accepted 12/2023 in Cadernos en Salud Publica/Reports in Public Health.

4. **Ramírez Varela A**, Piñeros JG, Baquero OL, Mejía LM, Mesa-Rubio ML, Restrepo-Gualtero S, Naranjo Vanegas M, Cordoba MA, Acero R. Advancing pediatric research: a breakthrough in postgraduate training via collaborative supervision. Accepted 12/2023 in Revista Colombiana de Pediatría.<https://revistapediatria.org/rp/article/view/495>
5. **Ramírez Varela A**, Touchton M, Miranda J, Mejía Grueso J, Laajaj R, Carrasquilla G, Vives M, Vesga Gaviria AM, Ortiz Hoyos AM, Vanegas Duarte EO, Velásquez Morales A, Velasco Rodríguez N, Restrepo Restrepo S. Assessing Pandemic Preparedness, Response, and Lessons Learned from the COVID-19 Pandemic in four South American countries: Agenda for the Future. *Frontiers in Public Health*, Page Range: 1–13, Nov 2023 DOI: 10.3389/fpubh.2023.1274737
6. **Ramírez Varela A**, Serrano N, Mejía Grueso J, Nguyen A, Salvo D, Brownson RC, Bauman A, Reis R, Hallal P, Pratt M. Shaping Policy and Practice: Analyzing the Reach of Highly Cited and High Altmetrics Publications for Broader Impact on Physical Activity. *Journal of Physical Activity and Health*, (Ahead of Print). Human Kinetics, Inc. Page Range: 1–10, 04 Oct 2023 DOI: <https://doi.org/10.1123/jpah.2023-0185>
7. Hernández-Corredor L, Plazas-Pachón R, Argote-Bolaños F, Barrera-Lopez P, Naranjo Vanegas M, Mauricio Moreno S, Rueda-Guevara P, Piñeros JG, Baquero O, Bonilla C, Mejía LM, Mesa ML, Restrepo S, **Ramírez Varela A**. Burden of respiratory failure in pediatric patients: analysis of a prospective multicenter cohort in Bogotá, Colombia. *Health Science Reports* Page Range: 1–21. Nov, 2023. DOI: 10.1002/hsr2.1617
8. Contreras-Arrieta S, Murrain H, Vallejo BH, Camargo López LA, Hernández F, Velasco N, Garzón JS, Restrepo S, **Ramírez Varela A**. Vaccination against COVID-19 in Bogotá - Colombia: lessons and strategies in health pedagogy, risk communication and community participation, using behavioral sciences. *Infectio* 2023; 27(3): 173-182. DOI: <https://doi.org/10.22354/24223794.1142>
9. Ante-Ardila N, Novoa Garnica C, Mora Umaña P, Baquero Castañeda OL, Jiménez Cháves A, Naranjo MS, Piñeros J, Bonilla C, Mejía L, Mesa-Rubio ML, Restrepo-Gualteros S, Barrera P, Moreno-Lopez S, Rueda-Guevara P, **Ramírez Varela A**, FARA Group. Use of high-flow cannula in pediatric patients with respiratory failure: A prospective cohort study in three high-altitude hospitals. *Health Science Reports*. Vol. 6, Issue 4. DOI: 10.1002/hsr2.1182
10. Pratt M, **Ramírez Varela A**, Bauman A. The Physical Activity Policy to Practice Disconnect. *Journal of Physical Activity and Health*. 1-4. 2023 DOI: <https://doi.org/10.1123/jpah.2023-0071>
11. Jaime Trujillo C, Herrera Olano N, Rico Gutiérrez K, Medellín D, Sánchez P, Mesa-Rubio ML, Naranjo MS, Moreno SM, Bonilla C, Barrera P, Restrepo-Gualteros S, Mejia LM, Baquero OL, Piñeros JG, **Ramírez Varela A**, The FARA Group. COVID-19 in children and the influence on the employment activity of their female caregivers: A cross sectional gender perspective study. *Frontiers in Global Women's Health*. (2023)3: 1021922. DOI: 10.3389/fgwh.2022.1021922
12. Zaranza Monteiro L, **Ramírez Varela A**, da Silva Spinola M, Alves Carneiro ML, Soares de



Oliveira DM, Oliveira de Toledo J. High prevalence of risk factors for non-communicable diseases in university students of a nursing course. *Cad Saúde Colet*, 2023; Ahead of Print. DOI: <https://doi.org/10.1590/1414-462X202230040429>

13. Ante Ardila N, Novoa Garnica C, Mora Umaña P, Baquero Castañeda OL, Jiménez Cháves A, Naranjo Vanegas M, Piñeros JG, Bonilla C, Mejía LM, Mesa ML, Restrepo S, Barrera P, Moreno SM, Rueda-Guevara P, **Ramírez Varela A**. Use of High-flow cannula in pediatric patients with respiratory failure: a prospective cohort study in three high-altitude hospitals. *Health Science. Reports*. Pag1-9, Vol. 4 2023; DOI: 10.1002/hsr2.1182
14. Rodrigues Moreira L, Blumenberg C, Caicedo Velasquez BE, Ewerling F, Balandrán A, Vidaletti LP, **Ramírez Varela A**, Hellwig F, Gomez Ponce de Leon R, Barros A, Freitas Silveira M, Cesar Wehrmeister C. The Role of Gender Inequality and Health Expenditure on the Coverage of Demand for Family Planning Satisfied by Modern Contraceptives: An Analysis of 14 LAC Countries. *The Lancet Regional Health – Americas*. 16 Pages Posted: 1 August 2022. DOI: <http://dx.doi.org/10.2139/ssrn.4178037>
15. **Ramírez Varela A**, Contreras-Arrieta S, Tamayo-Cabeza G, Salas Zapata L, Caballero-Díaz Y, Hernández Florez LJ, Patiño Benavidez A, Laajaj R, De la Hoz F, Buitrago Gutierrez G, Restrepo S, Behrentz E. Risk factors for SARS-CoV-2 transmission in close contacts of adults at high risk of infection due to occupation: results from the contact tracing strategy of the CoVIDA epidemiological surveillance study in Bogotá, Colombia, in 2020–2021. *BMJ Open*. 2022 Dec 23;12(12): e062487. DOI: 10.1136/bmjopen-2022-062487.
16. **Ramírez Varela A**, Hallal PC, Mejía Grueso J, Pedišić Z, Salvo D, Nguyen A, Klepac B, Bauman A, Siefken K, Hinckson E, Oyeyemi AL, Richards J, Salih Khidir ED, Inoue S, Amagasa S, Jauregui A, Cozzensa da Silva M, Lee I, Ding M, Kohl III H, Ekelund U, Heath GW, Powell KE, Foster C, Raof Memon A, Doumbia A, Roof Rather A, Razzaque A, Diouf A, Akira Hino A, Damasceno A, Deksisa Abebe A, Antonio Florindo A, Mannocci A, Aringazina A, Backović Juričan A, Poffet A, Decelis A, Carlin A, Enescu A, Ochoa Avilés AM, Kontsevaya A, Somhegyi A, Vuillemin A, Hamdouchi A, Amangoua Théodore A, Masanovic B, Lynch BM, Medina C, del Campo C, Abdeta C, Moreways C, Ranasinghe C, Howitt C, Cameron C, Jurakić D, Martinez-Gomez D, Tladi D, Tesfaye Diro D, Adlakha D, Mitić D, Bjelica D, Biernat E, Chisati EM, Lambert EV, Cerin E, Lee E, Riso EM, Cañete Villalba F, Assah F, Lovrić F, Araya-Vargas G, La Torre G, Niño Cruz GI, Baltaci G, Al Sabbah H, Nalecz H, Nashandi HL, Park H, Revuelta-Sánchez I, Jema Nusurupia J, Leppe Zamora J, Kopcakova J, Brazo-Sayavera J, Oppert JM, Nie J, Spence J, Stewart Bradley J, Mota J, Mitáš J, Chen J, Hylton K, Fromel K, Milton K, Borodulin K, Amadou Moustapha K, Martinez-Folgar K, Nasreddine L, Breum Christiansen L, Malisoux L, Malete L, Grepo-Jalao L, Zaranza Monteiro L, Al Subhi L, Dakskobler M, Alnaji M, Claramunt Garro M, Hagströmer M, Murphy MH, Mclaughlin M, Rivera-Morales M, Scheinowitz M, Shkodra M, Piątkowska M, Chaudhury M, Ziyad Alrashdi N, Mutrie N, Murphy N, Ahmad NH, Obeidat NO, Ruiz Gómez NY, Liangruenrom N, Díaz Arnesto O, Flores-Flores O, Incarbone O, Chimeddamba O, Bovet P, Magalhães P, Jousilahti P, Katewongsa P, Leandro Gómez PA, Awni Shihab A, Ocansey R, Veress R, Marine R, Carrizales-Ramos R, Younis Saeed S, El-Ashker S, Green S, Kasoma S, Beretervide S, Baldew S, Nichols S, Khoo S, Ali Hosseini S, Goenka S, Gholamalishahi S, Kosen S, Compernelle S, Enescu SP, Stevo Popovic, Paudel S, Andrade S,

- Titze S, Davidson T, Dusingizimana T, Dorner TE, Kolbe-Alexander T, Thanh Huong T, Sychareun V, Jarevska-Simovska V, Kulikefu Puloka V, Onywera V, Wendel-Vos W, Dionyssiotis Y and Michael Pratt. "Status and trends of physical activity surveillance, policy, and research in 164 countries: findings from the Global Observatory for Physical Activity-GoPA! 2015 and 2020 surveys". *Journal of Physical Activity and Health, Human Kinetics* (2022). First Published Online: 19 Dec 2022. Page Range: 1–17. DOI: <https://doi.org/10.1123/jpah.2022-0464>.
17. Ding D, Carson V, Hunter F, Jáuregui A, Kolbe-Alexander T, Lee EY, Mair J, Iven Mielke G, Oyeyemi A, **Ramírez Varela A**, Salvo D, Siefken K, Tassitano R, van Sluijs E, Halla P. Science has no Borders, so Should Scientific Publishing: A Position Statement from the Journal of Physical Activity and Health, *Human Kinetics* (2022) DOI: <https://doi.org/10.1123/jpah.2022-0570>.
  18. Vargas Muñoz SM, De Vivero Haddad S, Beltran AM, Bonilla Gonzalez C, Naranjo Vanegas M, Moreno SM, Rueda-Guevara P, Barrera P, Piñeros JG, Mejía LM, Mesa ML, Restrepo S, Baquero, **Ramírez Varela A**. Incidence, etiology, sociodemographic and clinical characterization of acute respiratory failure in pediatric patients at a high-altitude city: A multicenter cohort study. *Frontiers in Pediatrics*. 10:1009375. (2022) DOI: [10.3389/fped.2022.1009375](https://doi.org/10.3389/fped.2022.1009375)
  19. **Ramírez Varela A**, Gurruchaga, A.P., Restrepo, S.R. et al. (2022). Effectiveness and adherence to closed face shields in the prevention of COVID-19 transmission: a non-inferiority randomized controlled trial in a middle-income setting (COVPROSHIELD). *Trials* 23, 698 DOI: <http://sci-hub.tw/10.1186/s13063-022-06606-0>.
  20. Salvo D, **Ramírez Varela A**, and Jáuregui A. "Moving Together to Advance Physical Activity Research in Low-and Middle-Income Countries: The Case of Latin America." *Journal of Physical Activity and Health* 19.9 (2022): 589-591. DOI: <https://doi.org/10.1123/jpah.2022-0374>.
  21. Sotaquirá L, Backhaus I, Sotaquirá P, Pinilla-Roncancio M, González-Uribe C, Bernal R, José Galeano J, Mejia N, La Torre G, Trujillo-Maza E, Suárez D.E, Duperly J, **Ramírez Varela A**. (2022), Social Capital and Lifestyle Impacts on Mental Health in University Students in Colombia: An Observational Study. *Frontiers Public Health*, 1219. DOI: <https://doi.org/10.3389/fpubh.2022.840292>.
  22. Caballero N, Quintero J, Nieto Maria A, Suarez-Zamora D, Moreno S, Camila Remolina I, Duran D, Vega D, Rodriguez-Urrego P, Gómez CP, Rojas Diana P, **Ramírez Varela A**, Martínez-Nieto Os, Baldion-Elorza AM, Hernández LJ. (2022) Prevalence of SARS-CoV-2 infection and SARS-CoV-2-specific antibody detection among healthcare workers and hospital staff of a university hospital in Colombia. *International Journal of Infectious Diseases*. Pages 150-156. V. 3. DOI: <https://doi.org/10.1016/j.ijregi.2022.03.013>.
  23. **Ramírez Varela A**, Moreno-Lopez S, Contreras-Arrieta S, Tamayo-Cabeza G, Restrepo-Restrepo S, Sarmiento-Barbieri I, et al. (2022). Prediction of SARS-CoV-2 Infection With a Symptoms-Based Model to Aid Public Health Decision Making in Latin America and other Low and Middle Income Settings. Pag 1-34 *Preventive Medicine Reports*, 27, 101798 DOI: <https://doi.org/10.1016/j.pmedr.2022.101798>.

24. Laajaj R, de la Hoz F, Hernandez LJ, Restrepo S, Buitrago G, **Ramírez Varela A**, Gaviria A, Cucunuba Z, De Los Rios C, Schady N, Bernal R, Webb D, Aristizabal D, Vives M, Behrentz E. (2022). Understanding how socioeconomic inequalities drive inequalities in SARS-CoV-2 infections. *Scientific Reports*, 12(1), 1-10. DOI: <https://doi.org/10.1038/s41598-022-11706-7>.
25. Backhaus I, Borges C, Baer Alice de Paula, Zaranza Monteiro L, La Torre G, **Ramírez Varela A**. (2022). Association between social capital indicators and depressive symptoms among Brazilian university students. *Ciência & Saúde Coletiva*, 27(3):1119-1131. DOI: <https://doi.org/10.1590/1413-81232022273.01162021>.
26. Verdot C, Salanave B, Aubert S, **Ramírez Varela A**, Deschamps V. (2022). Prevalence of Physical Activity and Sedentary Behaviors in the French Population: Results and Evolution between Two Cross-Sectional Population-Based Studies, 2006 and 2016. *International Journal of Environmental Research and Public Health*. 19(4), 2164. DOI: <https://doi.org/10.3390/ijerph19042164>.
27. Siefken k, **Ramírez Varela A**, Waqanivalu T, Schulenkorf N. (2021). Better Late Than Never?! Five Compelling Reasons for Putting Physical Activity in Low- and Middle-Income Countries High Up on the Public Health Research Agenda. *Journal of Physical Activity and Health*. 18(12), 1469-1470. DOI: <https://doi.org/10.1123/jpah.2021-0576>.
28. Morón Duarte LS, **Ramírez Varela A**, Dâmaso Bertoldi A, R. Domingues M, C. Wehrmeister F, Freitas Silveira M. (2021). Quality of antenatal care and its sociodemographic determinants: results of the 2015 Pelotas birth cohort, Brazil. October 9, 2021. *BMC health services research*, 21(1), 1-14. DOI: <https://doi.org/10.1186/s12913-021-07053-4>.
29. Rueda Guevara P, Botero Tovar N, Trujillo KM, **Ramírez Varela A**. (2021). Worldwide evidence about infant stunting from a public health perspective: A systematic review. *Biomedical*, 41(3), 541-554. DOI: <https://doi.org/10.7705/biomedica.6017>.
30. **Ramírez Varela A**, Hernandez Florez LJ, Tamayo Cabeza G, Contreras Arrieta S, Restrepo Restrepo S, Laajaj R, Buitrago Gutierrez G et (2021). Factors Associated with SARS-CoV-2 Infection in Bogotá, Colombia: Results from a Large Epidemiological Surveillance Study. *The Lancet Regional Health-Americas*, 2, 100048. DOI: <https://doi.org/10.1016/j.lana.2021.100048>.
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### Manuscripts under review

1. Oyeyemi A, Ramirez Varela A, Lambert V, Ribes E, Hallal C, Pratt M. An overview of physical activity research evolution in Africa: The Global Observatory for Physical Activity-GoPA! (submitted 9/2023). Accepted 12/2023 in the *Journal of Physical Activity and Health JPAH*.
2. Ribes Kohn E, Hallal P; Niño G; Almentero J; Pinzón D; Böhlke M; Siefken K; Pratt M; Ramirez-Varela A. Sex differences in physical activity-related authorships between 1950 and 2019. Accepted 8/2023 in the *Journal of Physical Activity and Health JPAH*.
3. Burgos C, Mendez ML, Rodriguez MM, Martinez A, Sanchez P, Tovar C, Naranjo Vanegas M, Friedrich C, Vásquez-Hoyos P Mesa-Rubio ML, Triana G, Royero-Arias M, Echeverry J, Gamo T, Moreno LA, Baquero OL, Mejía LM, Restrepo-Gualteros S, Navarro Ramirez LM, Moreno-Lopez S, Piñeros JG, Álvarez-Moreno C, Díaz-Díaz A, Gutierrez IF, Galvis-Diaz C, Nieto, Irati Gastesi JM, Moraleda C, Tagarro García A, **Ramírez Varela A**. What to look for in chest X-

rays of pediatric patients with COVID-19: Insights from a Colombian Cohort. Submitted to the Journal of Pediatric pulmonology (submitted 10/2023).

4. Sossa MC, Gutiérrez MP, Becerra N, Ortegón LY, David MC, Naranjo Vanegas M, Friedrich G, Vásquez-Hoyos P, Mesa-Rubio ML, Navarro Ramirez LM, Moreno-Lopez S, Baquero OL, Mejía LM, Piñeros JG, Restrepo-Gualteros S, Álvarez-Moreno C, Díaz-Díaz A, Gutierrez-Tobar I, Mesa AC, Bachiller Tuta WR, Galvis Diaz CE, Africano M, Nieto JM, Pérez Camacho PM, Beltrán-Arroyave C, Vivas Trochez R, Gastesi I, Moraleda C, Tagarro García A, Herrero B, Calleja L, Grasa C, Rodríguez P, Melendo S, Soriano-Arandes A, Gómez Pastrana I, García García S, Fumado V, **Ramírez Varela A**. Phenotypes of disease severity in a cohort of hospitalized pediatric patients: The impact of COVID-19 in the EPICO Study. Submitted to the Journal of Pediatric pulmonology (submitted 10/2023).
5. Ramírez Berrío L, Vanegas Duarte EO, Velásquez Morales A, Salas Zapata L, Niño Cruz GI, **Ramírez Varela A**. COVID-19 Pandemic Preparedness and Response in Latin American countries: a Scoping Review and Analysis based on World Health Organization's Standards (submitted 8/2023).
6. Rico Gutiérrez K, Medellín D, Sánchez P, Jaime Trujillo C, Herrera N, Mesa ML, Moreno S, Naranjo Vanegas M, **Ramírez Varela A**. Attitudes and practices among children and caregivers with COVID-19 from a Pediatric Acute Respiratory Distress Cohort in Bogotá, Colombia: A description from the perspective of social determinants of health and the voices of children (submitted 12/2022).
7. Vargas-Acevedo N, Botero Marín M, Jaime Trujillo C, Hernández LJ, Naranjo Vanegas M, Moreno SM, Rueda-Guevara P, Piñeros JG, Baquero O, Bonilla C, Mesa ML, Restrepo S, Barrera P, Mejía LM, **Ramírez Varela A**. Severity and mortality of acute respiratory failure in pediatrics: a prospective cohort at 2600 meters above sea level (submitted 12/2022).

## Doctoral dissertation

1. **Ramírez Varela A**. Worldwide research, surveillance, and policy on physical activity: The Global Observatory for Physical Activity - GoPA! [Dissertation]. School of Medicine, Post Graduate Program in Epidemiology, Federal University of Pelotas, Brazil. 185, f.: il., 2018. DOI: 10.1123/jpah.2016-0626.

## Books and Book chapters

1. Marques A, Henriques A, Pereira da Silva A, Abreu A, Cerqueira A, Virgolino A, **Ramírez Varela A**, Costa A, Moraes B, Marques Neves C, Noronha C, Branquinho C, Bárbara C, Salvador D, Santos D, Dudley D, Botelho Guedes F, Antunes F, Tomé G, Madaleno IM, Costa J, Martins J, Pereira Serrador J, Precioso J, Caminha L, Bicho M, Onofre M, Gaspar de Matos M, Bicho MC, da Graça Lopes M, do Céu Costa M, Carvalho M, Silva M, Raimundo M, Reis M, Pratt M, Arriaga M, Loureiro L, Neto Rodrigues N, Matos O, Navarro-Costa P, Nogueira P, Hallal C, Candeiras P, Cristão R, Tassitano R, Martins R, Alves R, Sadio R, Gaspar T, Behrens T, Brandão

T, Ribeiro T, Loureiro V, Alarcão V. Saúde AMBIENTAL caderno de notas soltas IV. Acendalha Edições, Instituto de Saúde Ambiental da Faculdade de Medicina da Universidade de Lisboa. ISBN 978-989-33-5261-8, 2023

2. Díaz A, Tiempos de Epidemia: tres emergencias sanitarias en Bogotá: 1840, 1918, 2020. Pag 289 **Ramírez Varela A.** ISBN 978-958-798-442-2. Ediciones Uniandes. <https://uniandes.edu.co/es/noticias/salud-y-medicina/tiempos-de-epidemia>
3. Katja S, **Ramírez Varela A**, Waqanivalu T, Schulenkorf N. 3-Income Countries 1st Edition. Routledge, Taylor and Francis Group. November 5, 2021. 288 Pages ISBN 9780367362232. <https://www.routledge.com/Physical-Activity-in-Low--and-Middle-Income-Countries/Siefken-Ramirez-Waqanivalu-Schulenkorf/p/book/9780367362232>.
4. Cardona AM, **Ramírez Varela A.** Implementación del transporte activo como estrategia de promoción de la actividad física. Patiño Villada F, Arenas Sosa M, Quintero Velásquez MA. Manual Antioqueño De Actividad Física Para La Salud. ed: , v. , p.25 - ,2011. ISBN: 978-958-8562-63-6 <https://www.indeportesantioquia.gov.co/imagenes/originalpdf/1035ManualAntioqueoAF.pdf>.
5. Cardona AM, **Ramírez Varela A.** "Utilización del espacio público para la promoción de la actividad física. Patiño Villada F, Arenas Sosa M, Quintero Velásquez MA. Manual Antioqueño De Actividad Física Para La Salud ed:, v. , p.33 - ,2011. ISBN: 978-958-8562-63-6. <https://www.indeportesantioquia.gov.co/imagenes/originalpdf/1035ManualAntioqueoAF.pdf>

## Other publications

1. **Ramírez Varela A.**, Hallal, P, Pratt M, Bauman A, Borges C, Lee I.-M, Heath G, Powell K E, Pedisic Z, Klepac Pogrmilovic B, Milton K, Nguyen A, Foster C, Cozzensa M, Mclaughlin M, Niño G. I, Ferreira P., Ekelund U, Salvo D, Ding D, & Kohl H. W, III, on behalf of the Global Observatory for Physical Activity (GoPA!) working group. (2021). Global Observatory for Physical Activity (GoPA!): 2nd Physical Activity Almanac, Global Observatory for Physical Activity (GoPA!). ISSN: 2805-6787; Pages 584. DOI: <http://dx.doi.org/10.51572/202102-1> November 2021.
2. **Ramírez Varela A**, Hallal P, Pratt M, Powell K, Lee IM, Bauman A, Heath G, Kohl. First Physical Activity Almanac: The Global Observatory for Physical Activity. Available: <http://www.globalphysicalactivityobservatory.com/>
3. Proyecto CoVIDA. Saludata. Laajaj R, **Ramírez Varela A**, Restrepo S, Gaviria Uribe A, Hernández Flórez LJ. September. March 2021. <https://saludata.saludcapital.gov.co/osb/index.php/datos-de-salud/enfermedades-trasmisibles/proyecto-covida/>.
4. Proyecto CoVIDA, Policy brief, Laajaj R, Sarmiento-Barbieri I, De Los Rios C, Aristizabal D, Behrentz E, Bernal R, Buitrago G, Cucunuba Z, de la Hoz F, Gaviria A, Hernández LJ, León L, Moyano D, Osorio E, **Ramírez Varela A**, Restrepo S, Rodriguez R, Schady N, Vives M,

Webb D. Universidad de los Andes. August 2021  
<https://repositorio.uniandes.edu.co/bitstream/handle/1992/50802/notas-de-politica-40.pdf?sequence=3&isAllowed=y>.

5. Gaviria A, Bernal R, Vives M, Restrepo S, Lajaaj R, Hernández L.J, **Ramírez Varela A**, et al (2020). Boletín Epidemiológico Distrital (BED), CoVIDA Project: an experience to support epidemiological surveillance in the face of the COVID-19 pandemic in Bogotá D.C. ISSN 0123 - 8590. Volume 17, number 9. <https://saludata.saludcapital.gov.co/osb/index.php/2021/06/04/boletin-epidemiologico-distrital-volumen-17-numero-9-septiembre-2020/>.
6. Trujillo K, **Ramírez Varela A**, Botero N, Rueda P, Arocha G, Castro P, Tomasi S. Guía de prevención y manejo del riesgo y la desnutrición crónica como un evento de interés en salud pública. Fundación Santa Fe de Bogotá – Salud Poblacional; Fundación Éxito – FE. En alianza con la Secretaría Distrital de Salud, Bogotá – SDS, la Secretaría Distrital de Integración Social, Bogotá – SDIS y el Instituto Colombiano de Bienestar Familiar – ICBF) 2019 <https://medicina.uniandes.edu.co/es/noticias/facultad/profesores/guia-de-prevencion-y-manejo-del-riesgo>.
7. **Ramírez Varela A**, Pratt M, Hallal P. Global Observatory for Physical Activity- GoPA! Création du premier système mondial de surveillance de l'activité physique: l'Observatoire mondial de l'activité physique, GoPA!, Observatoire national de l'activité physique et de la sédentarité ONAPS France, Diciembre 2017. [www.onaps.fr](http://www.onaps.fr).
8. Sarmiento O, Garcia S, Velasco T, **Ramírez Varela A**. Policy Brief-Malnutrition in children and adolescents in Colombia: Diagnosis and policy recommendations. ISSN 20274793. <https://epiandes.uniandes.edu.co/wp-content/uploads/Notas-de-Politica-7.pdf>
9. Díaz del Castillo A, **Ramírez Varela A**, Ramírez L, Jiménez R, Fernández D, Pratt M, Sarmiento OL. Capacity building for the promotion of physical activity: Achievements, lessons learned, and challenges (Construcción de capacidad para la promoción de actividad física, logros aprendizajes y retos). Published online at: [content/uploads/FINAL\\_HistoricoCursos\\_SPA\\_18.05.13.pdf](https://epiandes.uniandes.edu.co/wp-content/uploads/FINAL_HistoricoCursos_SPA_18.05.13.pdf).
10. Díaz del Castillo A, Fernández D, **Ramírez Varela A**, González Z, Jiménez R, Lemoine P, Meisel JD, Montes F, Gómez J, Medaglia A, Pedraza C, Reis R, Brownson R, Pratt M, Sarmiento OL. Course on policies and programs to prevent chronic diseases through physical activity a multidisciplinary and multisectoral perspective. Published online at: [https://epiandes.uniandes.edu.co/wp-content/uploads/FINAL\\_CursoPolitic2013\\_SPA\\_15.05.13.pdf](https://epiandes.uniandes.edu.co/wp-content/uploads/FINAL_CursoPolitic2013_SPA_15.05.13.pdf).
11. Díaz del Castillo A, Fernández D, Ibarra L, **Ramírez Varela A**, González S, Meisel JD, Reis R, Sarmiento OL. Course on policies and programs to prevent chronic diseases through physical activity. September 11-13, 2012 - Bogotá, Colombia. Publicado online en: [http://epiandes.uniandes.edu.co/?page\\_id=822](http://epiandes.uniandes.edu.co/?page_id=822)

## Conference presentations

1. **Ramírez Varela A.** XII Course on Policies and Programs for Healthy Habits and Lifestyles Promotion. Development and implementation of physical activity policies at the national and subnational levels: pilot study in countries of Latin America. Ministry of Sports. December 12 – 14, 2023. (Oral presentation)
2. **Ramírez Varela A.** 1st South American Seminar on Physical Activity and Sedentary Behavior. Universidad Autonoma de Chile. Physical activity policies around the world: The Global Observatory for Physical Activity data. December 6, 2023. (Oral presentation)
3. **Ramírez Varela A.** Colombian Institute of Recreation and Sports – IDR. From policy to practice of physical activity. November 29, 2023. (Oral presentation)
4. Martins J, **Ramírez Varela A.** The Global Observatory for Physical Education (GoPE!): monitoring physical education and physical activity in children and adolescents worldwide. HEPA 12th Conference, September 11-13, 2023. (Oral presentation)
5. Ochoa Avilés AM, Escandón Dután S, Mejía Grueso J, Soto G, **Ramírez Varela A.** Relevance of policies to promote physical activity among children and adolescents: The case of Ecuador. HEPA 12th Conference, September 11-13, 2023. (Oral presentation)
6. Mejía Grueso J, Pratt M, Resendiz E, Niño Cruz GI, Ruiz Gómez NY, Leandro Gómez RA, Revuelta Sánchez I, Araya Vargas GA, Ochoa Avilés AM, Jáuregui A, Salvo D, **Ramírez Varela A.** Development and implementation of physical activity policies at national and subnational levels: a pilot study in Latin American countries. HEPA 12th Conference, September 11-13, 2023. (Oral presentation)
7. Ramírez Berrío L, Vanegas Duarte EO, Velásquez Morales A, Salas Zapata L, Niño Cruz GI, **Ramírez Varela A.** COVID-19 Pandemic Preparedness and Response in Latin American countries: a Scoping Review and Analysis based on World Health Organization's Standards. X Joint Meeting of Researchers. August 30, 2023. (Poster presentation)
8. **Ramírez Varela A,** Mejía Grueso J, Laajaj R, Carrasquilla G, Vives Florez M, Vesga Gaviria AM, Ortiz Hoyos AM, Vanegas Duarte EO, Velásquez Morales A, Velasco Rodríguez NM, Restrepo Restrepo S. Assessment of preparedness, response and lessons learned from the COVID-19 pandemic in South America. X Joint Meeting of Researchers. August 30, 2023. (Poster presentation).
9. **Ramírez Varela A,** Mejía Grueso J, Pratt M, Hallal PC on behalf of the GoPA! Country Cards Working Group. Surveillance, policy and research in physical activity: results of the Global Observatory of Physical Activity - GoPA!. Universidad de los Andes and Fundacion Santa Fe de Bogota X Joint Meeting of Researchers. August 30, 2023. (Poster presentation).
10. Mejía Grueso J, Pratt M, Resendiz E, Salvo D, Niño Cruz GI, Ruiz Gómez NY, Leandro Gómez RA, Revuelta Sánchez I, Araya Vargas GA, Ochoa Avilés AM, Pérez Tasigchana RF, Jáuregui A,

Hallal PC, **Ramírez Varela A**. Physical activity policies at the national and subnational levels in Colombia, Costa Rica, Ecuador and Mexico. Universidad de los Andes and Fundacion Santa Fe de Bogota X Joint Meeting of Researchers. August 30, 2023. (Poster presentation).

11. Restrepo S, Burgos Pavajeau C, Mendez Guzman LM, Rodriguez Diaz MM, Sanchez Bermudez P, Tovar Rubiano C, Martinez M, Naranjo M, **Ramírez Varela A**, Vasquez P, Mesa ML, Friedrich G. EPICO STUDY: Chest X-ray in pediatric patients with COVID-19: Findings from a Colombian cohort. Universidad de los Andes and Fundacion Santa Fe de Bogota X Joint Meeting of Researchers. August 30, 2023. (Poster presentation).
12. Cristancho Ortiz C, Franco Vivas M, Prieto C, Friedrich G, Vasquez-Hoyos P, Mesa Rubio M, Herrera N, Navarro LM, Duarte Montero D, Piñeros JG, Baquero OL, Mejía LM, **Ramírez Varela A**. EPICO STUDY: Sociodemographic and clinical characterization of a cohort of pediatric patients of pediatric patients hospitalized for COVID-19 in Colombia and Spain. Universidad de los Andes and Fundacion Santa Fe de Bogota X Joint Meeting of Researchers. August 30, 2023. (Poster presentation)
13. Sossa S, Gutierrez MP, Becerra N, Ortegón LY, David MC, Naranjo Vanegas M, Friedrich G, Vasquez Hoyos P, Mesa Rubio ML, Piñeros JG, **Ramírez Varela A**. EPICO STUDY: Phenotypic variation in disease severity in hospitalized pediatric patients with SARS-CoV-2 infection. Universidad de los Andes and Fundacion Santa Fe de Bogota X Joint Meeting of Researchers. August 30, 2023. (Poster presentation)
14. Matijasevic E, Güell-Camacho LF, Mieth K, Moreno S, **Ramírez Varela A**. Survival and associated demographic, clinical, functional and psychosocial factors in a pulmonary rehabilitation cohort at 2600 meters above sea level. 16th Latin American Thorax Association - ALAT Congress, August 10-13, 2023
15. **Ramírez Varela A**. Current state and developments in physical activity monitoring, policy, and research in 217 countries: Global Observatory for Physical Activity - GoPA! Surveys. Better Late Than Never?! Five Compelling Reasons for Putting Physical Activity in Low- and Middle-Income Countries High Up on the Public Health Research Agenda. Annual congress of the International Society of Behavior Nutrition and Physical Activity ISBNPA 2023. Uppsala, Sweden. 14-17 June 2023
16. Tagarro A, Gastesi I, Villanueva S, **Ramírez Varela A**, Mesa Rubio ML, Vásquez Hoyos P, Restrepo Gualteros S, Friedrich G, Naranjo Vanegas M, Baquero OL, Mejía LM, Álvarez C, Leoz Gordillo I, Calvo C, Epalza C, Soriano-Arandes A, Menasalvas Ruiz A, Navarro M, Herranz Aguirre M, Fumadó Pérez V, Crichton S, Le Prevost M, Giaquinto C, De Jesús Reinoso T, Conde M, Moraleda C, Orchestra Working Group EPICO and EPICO Colombia. Risk factors for severe acute sars-cov-2 disease in pediatric population. 41st Annual Meeting of the European Society for Paediatric Infectious Diseases (ESPID) Lisbon, Portugal. 8-12 May 2023 (Abstract presentation)
17. Tagarro García A, Gastesi García I, Villanueva Medina S, **Ramírez Varela A**, Mesa Rubio ML, Vasquez Hoyos P, Gabriela Friedrich G, Naranjo Vanegas M, Restrepo Gualtero S, Lucía Vaquero O, Mejía LM, Álvarez C, Leoz Gordillo I, Calvo Rey C, Epalza Errondo C, Soriano Arandes T,

Menasalvas Ruiz A, Navarro Gómez M, Herranz Aguirre M, Fumadó Pérez V, le Prevost M, Giaquinto C, Moraleda Redecilla C. Comorbidities that increase risk for severe acute COVID-19 in pediatric population. CROI Conference on Retroviruses and Opportunistic Infections. Seattle, Washington. 19-22 February (Poster presentation)

18. Vargas Muñoz SM, o Haddad S, Beltrán AM, Bonilla González C, Naranjo MS, **Ramírez Varela A**. Multicenter high-altitude cohort FARA - acute respiratory failure in pediatrics: incidence, etiology, sociodemographic and clinical characteristics. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)
19. Ante Ardila N, Novoa Garnica C, Mora Umaña P, Baquero OL, Jiménez Cháves A, Naranjo MS, **Ramírez Varela A**. FARA high-altitude multicenter cohort: use of high-flow cannula in patients with acute respiratory failure. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)
20. Vargas-Acevedo C, Botero Marín M, Jaime Trujillo C, Hernández LJ, Naranjo Vanegas MS, Moreno SM, **Ramírez Varela A**. Multicenter high-altitude cohort FARA - acute respiratory failure in pediatrics: severity and mortality. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)
21. Hernández-Corredor L, Plazas-Pachón R, ArgoteBolaños F, Barrera-Lopez P, Naranjo Vanegas MS, Moreno SM, **Ramírez Varela A**. High-altitude multicenter cohort FARA- acute respiratory failure in pediatrics acute respiratory failure in pediatrics: burden of disease analysis disease. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)
22. Jaime Trujillo C, Herrera N, Rico K, Medellín D, Sánchez P, Mesa ML, **Ramírez Varela A**. Fara high-altitude multicenter cohort - acute respiratory failure in pediatrics acute respiratory failure in pediatrics: a gender perspective with a social focus. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)
23. Naranjo Vanegas MS, Acero Colmenares R, **Ramírez Varela A**. High-altitude multicenter cohort FARA - acute respiratory failure in pediatrics acute respiratory failure in pediatrics: application of a supervised collaborative supervised collaborative research model. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)
24. **Ramírez Varela A**, Contreras Arrieta S, Tamayo Cabeza G, Salas Zapata L, Caballero Díaz Y, Hernández LJ. Risk factors for SARS-CoV-2 transmission in close contacts of adults at high risk of infection due to occupation of adults at high risk for occupational infection: results from the contact tracing strategy of the CoVIDA epidemiological epidemiological surveillance study in Bogota, Colombia in 2020-2021. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)
25. Mejía Grueso J, **Ramírez Varela A**, Niño Cruz GI. Development and implementation of physical activity policies at the national and subnational levels: pilot national and subnational levels: pilot test in Colombia, Mexico, Costa Rica and Ecuador. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)



26. Roa P, **Ramírez Varela A**, Niño Cruz GI, Moreno S, Mejía Grueso J, Alarcón J. Self-perception of mental health during the COVID-19 pandemic and associated factors in Latin American countries associated factors in Latin American countries. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)
27. **Ramírez Varela A**, Backhaus I, Sotaquirá P, La Torre G, Pinilla M, González C. Impact of social capital and lifestyles on the mental health of first-year students of the first-year students at Universidad de los Andes, changes during the pandemic during the pandemic: an observational study. IX Joint Meeting of Researchers. 4 November 2022. (Poster presentation)
28. **Ramírez Varela A**, Michael Pratt. E-16. Six-year Experience of the Global Observatory for Physical Activity (GoPA!): Progress, Lessons Learned and Future Steps. Reunión anual y congresos mundiales del ACSM 2022. American College of Sports Medicine San Diego, California, May 31- June 4, 2022. (Oral presentation)
29. NguyenA, **Ramírez Varela A**, Mejía Grueso J, Moon J, Hallal P, Pratt M. Session B-46. Short and Sweet: Results Across the Spectrum of our Field. “Physical Activity Research, Surveillance, And Policy Trends: Global Observatory for Physical Activity 2015 To 2020”. Reunión anual y congresos mundiales del ACSM 2022. American College of Sports Medicine San Diego, California, May 31- June 4, 2022. (Oral presentation)
30. Mejía Grueso J, **Ramírez Varela A**, Nguyen A, Moon J, Hallal P, Pratt M. Session EP-07. Epidemiology and Biostatistics.” Physical Activity Surveillance, Policy, And Research: 2020 Report from The Global Observatory for Physical Activity”. Reunión anual y congresos mundiales del ACSM 2022. American College of Sports Medicine San Diego, California, May 31- June 4. (Poster presentation)
31. Moon J, Mejía Grueso J, Nguyen A, **Ramírez Varela A**, Pratt M. Global Status of Physical Activity Policy Implementation. Reunión anual y congresos mundiales del ACSM 2022. American College of Sports Medicine San Diego, California, May 31- June 4, 2022. (Poster presentation)
32. **Ramírez Varela A**, Contreras S, Caballero Y, Tamayo G. Dynamics of covid-19 transmission in Bogotá, Colombia: results of the CoVIDA study contact tracking. XVII Scientific Meeting, Technology and Innovation at the service of the response plan to the pandemic in Colombia. November 24, 25, 26 – 2021. (Oral presentation)
33. **Ramírez Varela A**, Contreras S, Caballero Y, Tamayo G. Prediction of sars-cov-2 infection with a symptom-based model to assist public health decisions in Colombia. XVII Scientific Meeting, Technology and Innovation at the service of the response plan to the pandemic in Colombia. November 24, 25, 26 – 2021. (Oral presentation)
34. **Ramírez Varela A**, Contreras S, Caballero Y, Tamayo G. Factors associated with infection by sars-cov-2 in a population with high mobility during the pandemic in Bogotá: results of the

CoVIDA project. XVII Scientific Meeting, Technology and Innovation at the service of the response plan to the pandemic in Colombia. November 24, 25, 26 – 2021. (Oral presentation)

35. **Ramírez Varela A.** Policies in physical activity at a global level: the global observatory of physical activity GoPA!. X Course on Policies and Programs for the Promotion of Habits and Healthy Lifestyles. Sports Ministry. November 16-19, 2021. (Oral presentation)
36. **Ramírez Varela A,** Boyle T, Boing L, Lynch B. Symposium A4: The Physical Activity Cohort Repository (PACE): A new resource for ISPAH members”. 8th International Society for Physical Activity and Health Congress ISPAH, held virtually from Vancouver, Canada on October 12, 2021. Health & Fitness Journal of Canada, Vol. 14 No. 3 (2021) DOI: <https://doi.org/10.14288/hfjc.v14i3>. (Oral presentation)
37. Abdeta C, Deksisa A, Tesfaye D, **Ramírez Varela A,** Pratt M, C. Hallal P. B10.7 entitled “Ethiopia’s physical activity policy, research and surveillance deficits”. 8th International Society for Physical Activity and Health Congress ISPAH, held virtually from Vancouver, Canada on October 13, 2021. Health & Fitness Journal of Canada, Vol. 14 No. 3 (2021) DOI: <https://doi.org/10.14288/hfjc.v14i3>. (Oral presentation)
38. Klepac Pogrmilovic B, **Ramírez Varela A,** Pratt M, Pedisic Z, Bauman A. Symposium Presentation. C20 entitled “Monitoring National Physical Activity Policy using GoPA! Policy Inventory: A Global Challenge. 8th International Society for Physical Activity and Health Congress ISPAH, held virtually from Vancouver, Canada on October 14, 2021. Health & Fitness Journal of Canada, Vol. 14 No. 3 (2021) DOI: <https://doi.org/10.14288/hfjc.v14i3>. (Oral presentation)
39. **Ramírez Varela A,** Contreras S, Caballero Y, Tamayo G. Implementation of a drive / walk-thru strategy to carry out SARS-CoV-2 tests in Bogotá, Colombia: CoVIDA project "VIII Joint Meeting of Researchers (ECI)27-28 October 2021. (Poster presentation)
40. **Ramírez Varela A.** Global Epidemiological Surveillance of modifiable risk factors for chronic diseases: the case of the Global Observatory of Physical Activity – GoPA!. II International Congress on Physical Activity and Sport for the Colombian Southwest. November 4-6 2020. (Oral presentation)
41. **Ramírez Varela A,** Pratt M, Hallal P. GoPA! Working Group. The Global Observatory for Physical Activity- GoPA! research monitoring: trends and patterns of physical activity and health research in Europe since 1950. HEPA Congress, 28-30 August 2019, Odense, Denmark. (oral presentation)
42. Klepac Pogrmilovic B, O’Sullivan G, Milton K, Biddle S, Bauman A, Breda J, Bull F, Cavill N, Fontaine O, Giles-Corti B, Guthold R, Kahlmeier S, Kelly M, Mutrie N, Pratt M, **Ramírez Varela A,** Rutter H, Woods C, Pedisic Z. Comprehensive Analysis of Policy on Physical Activity (CAPPA) framework ISBNPA Congress, 5-7 June 2019, Prague, Czech Republic 2019. (poster presentation)

43. McLaughlin M, Atkin, AJ, Lynch B, Wijndaele K, **Ramírez Varela A**, Pratt M, Hallal P. The GoPA!-Sedentary Behaviour Global Monitoring Initiative (phases 1-2): Adding sedentary behaviour indicators to the Global Observatory for Physical Activity (GoPA) Country Cards. ISBNPA Congress, 5-7 June 2019, Prague, Czech Republic 2019. (poster presentation)
44. **Ramírez Varela A**, Pratt M, Hallal P. Policy Lessons Learned through the Global Observatory for Physical Activity – GoPA!. GoPA! Working Group. 7th ISPAH Congress, 15-17 October 2018, London, UK 2018. (oral presentation).
45. Atkin AJ, Lynch B, Wijndaele K, McLaughlin M, **Ramírez Varela A**, Pratt M, Hallal P. The GoPA!-Sedentary Behaviour Global Monitoring Initiative (phase one): Adding sedentary behaviour indicators to the Global Observatory for Physical Activity (GoPA) Country Cards. 7th ISPAH Congress, 15-17 October 2018, London, UK 2018. (poster presentation)
46. Milton K, **Ramírez Varela A**, Strain T, Cavill, N, Foster C, Mutrie N. A review of global surveillance on the muscle strengthening and balance and coordination elements of physical activity recommendations. 7th ISPAH Congress, 15-17 October 2018, London, UK 2018. (poster presentation)
47. **Ramírez Varela A**, Pratt, M, Harris, J, Lecy J, Salvo D, Brownson RC, Hallal P. Mapping the historical development of physical activity and health research. 7th ISPAH Congress, 15-17 October 2018, London, UK 2018. (poster presentation)
48. **Ramírez Varela A**, Siefken K, Pratt M, Salvo, Milton K, Hallal P. User's experiences on the Global Observatory Physical Activity (GoPA!) Country Cards. 7th ISPAH Congress, 15-17 October 2018, London, UK. 2018. (oral presentation)
49. Otero XM, Izze ME, Cardozo C, **Ramírez Varela A**, Helen G, Murray J. Vitimização por assalto ao longo da vida e transtornos mentais aos 18 anos de idade: coorte de nascimentos de 1993, Pelotas-RS. no XIX Encontro de Pós-Graduação, III Semana Integrada de Inovação, Ensino, Pesquisa e Extensão. Universidade Federal de Pelotas - UFPel, 20 a 24 de novembro de 2017. (oral presentation)
50. **Ramírez Varela A**, Pratt M, Kahlmeier S, Cooper C, Jurakic D, Mota J, Siefken K, Revuelta I, Leppe J, Prieto F, Sanchez T, Inoue S, Salvo D, Claramunt M, Araya-Vargas G, Baus F, Anaya C, Crochemore da Silva I, Kikuchi H, Amagasa S, Oida Y, Takeda N, Rivera J, Medina C, Jauregui A, Viswanathan B, Bovet, Felicia Ca. ete, Guillermo Sequera, Faisal Barwais, Pedro Hallal. GoPA! Working Group. The Global Observatory for Physical Activity-GoPA! Policy Inventory: Pilot Results. HEPA Conference, Zagreb, Croacia. Noviembre 15-17 2017. (Oral presentation)
51. Atkin A.J, McLaughlin M, **Ramírez Varela A**, M Pratt, Hallal, Lynch C, Wijndaele BM. The Sedentary Behaviour Council-GoPA! Global Monitoring Initiative (Phase 1): Adding sedentary behaviour indicators to the Global Observatory for Physical Activity (GoPA!) Country Cards. HEPA Conference, Zagreb, Croacia. Noviembre 15-17 2017. (Oral presentation)

52. Zaranza Monteiro I, **Ramírez Varela A**, Rodrigues Alves L, de Souza P, Gomes de Góis RB, Alves de Lira B, de Andrade Silva G, Junior de Oliveira Gomes G, Rauber SB, Normanton Beltrame LG. Fatores de risco e proteção para doenças crônicas entre professores Universitários. X Congresso Brasileiro de Epidemiologia, 7 - 11 de Outubro de 2017, Centro de Convenções de Florianópolis, Santa Catarina. (Poster presentation)
53. **Ramírez Varela A**, de Souza P, Alves de Lira B, Magalhães Maniçoba AC, da Silva Coelho R, Normanton Beltrame LG, Rauber SB, Zaranza Monteiro L. Inatividade física e fatores de risco para doenças crônicas não transmissíveis entre universitários. X Congresso Brasileiro de Epidemiologia, 7 - 11 de Outubro de 2017, Centro de Convenções de Florianópolis, Santa Catarina. (Poster presentation)
54. **Ramírez Varela A**, Pratt M, Hallal P. Poster session at the University of California- UCSD Physical activity surveillance, policy and research worldwide: Global Observatory for Physical Activity GoPA. University of California- UCSD research day. San Diego, USA. April 5, 2017 (Poster presentation). Won best poster award.
55. Adewale AL, Oyeyemi AY, Omotara BA, Akinroye K, Lawan A, **Ramírez Varela A**. (GoPA! poster session) A glance at the Nigerian Physical Activity Country Card for Adults. 6th ISPAH Congress 16-19 November 2016 in Bangkok, Thailand 2016. (Poster presentation)
56. **Ramírez Varela A**, Pratt M, Powell K, Lee I, Bauman A, Heath G, Martins R, Kohl H, Hallal P. (GoPA! poster session). Introduction to the Global Observatory for Physical Activity – GoPA! And first set of Country Cards methods. 6th ISPAH Congress 16-19 November 2016 in Bangkok, Thailand 2016. (Poster presentation)
57. Ferreira P, Borges C, Carvalho da Rosa G, Maciel E, **Ramírez Varela A**, Hallal P. (GoPA! poster session) Design and Computation tools for The Global Observatory for Physical Activity – GoPA!. 6th ISPAH Congress 16-19 November 2016 in Bangkok, Thailand 2016. (Poster presentation)
58. Pinto S, **Ramírez Varela A**, Hallal P (GoPA! poster session) Communication tools for The Global Observatory for Physical Activity – GoPA!. 6th ISPAH Congress 16-19 November 2016 in Bangkok, Thailand 2016. (Poster presentation)
59. **Ramírez Varela A**, Harris J, Lecy J, Pratt M, Hallal P. (poster session). Worldwide network of researchers in physical activity in 2013. 6th ISPAH Congress 16-19 November 2016 in Bangkok, Thailand 2016. (Poster presentation)
60. **Ramírez Varela A**, Pratt M, Powell K, Lee I, Bauman A, Heath G, Kohl H, Hallal P. First set of Country Cards: GoPA! Physical Activity Almanac. 6th International Congress of Physical Activity and Public Health - ISPAH Congress 16-19 November 2016. Bangkok, Thailand 2016. (Symposium organizer and speaker)
61. **Ramírez Varela A**, Pratt M, Lee I, Bauman A, Powell K, Heath G, Kohl B, Hallal P. Current status and future steps for worldwide physical activity monitoring: results of the Global

Observatory for Physical Activity GoPA! The Lancet Physical Activity and GoPA! Symposium at the 6th ISPAH Congress 16-19 November 2016 in Bangkok, Thailand. (Oral presentation)

62. **Ramírez Varela A**, Velasco S, Bernal O, Vera Chamorro J, Olagnero G. Nutritional and health status in the first 1,000 days in 4 countries in Latin America. Epidemiology Congress of the Americas, June 21-24, 2016. Miami, Florida 2016. (Oral presentation)
63. **Ramírez Varela A**, Martins R, Hallal P, (GoPA! poster session) Brazil in the magnifying glass of the Global Observatory for Physical Activity – GoPA!. 6th ISPAH Congress 16-19 November 2016 in Bangkok, Thailand 2016. (Poster presentation)
64. Pratt M, **Ramírez Varela A**. (GoPA! poster session) Colombia's physical activity profile: Global Observatory for Physical Activity-GoPA!. 6th ISPAH Congress 16-19 November 2016 in Bangkok, Thailand 2016. (Poster presentation)
65. Kerwi A, **Ramírez Varela A**. (GoPA! poster session) Luxembourg in the spotlight of the Global Observatory for Physical Activity – GoPA!. 6th ISPAH Congress 16-19 November 2016 in Bangkok, Thailand 2016. (Poster presentation)
66. Martins R, **Ramírez Varela A**, Hallal P. (Poster presentation). Uma visão da rede de pesquisa na área de atividade física no Brasil. CBAFS - X Congresso Brasileiro de Atividade Física e Saúde. November 11-14, 2015, São Luís, Brazil. (Poster presentation)
67. **Ramírez Varela A**, Martins R, Hallal P. Rede mundial de pesquisadores em atividade física: resultados do observatório global de atividade física. CBAFS - X Congresso Brasileiro de Atividade Física e Saúde. 11-14 de November de 2015. São Luís, Brasil 2015. (Oral presentation)
68. Hallal P, **Ramírez Varela A**, Martins A. Physical activity researchers network worldwide: The Lancet Physical Activity Observatory. Annual Meeting of the American College of Sports Medicine. May 27-30 2015. San Diego, California 2015. (Poster presentation)
69. Montes F, Peñaranda A, Correa S, **Ramírez Varela A**. Aparicio ML. Análisis de decisión de tratamientos para la hipoacusia neurosensorial profunda. Primer Encuentro Conjunto de Investigadores FSFB-Uniandes. May 22, 2014. Bogotá Colombia 2014. (Oral presentation)
70. **Ramírez Varela A**, Vera JF, Síntomas digestivos y respuesta clínica en lactantes con alergia a la proteína de leche de vaca. Primer Encuentro Conjunto de Investigadores FSFB- Uniandes. May 22, 2014. Bogotá Colombia 2014. (Oral presentation)
71. **Ramírez Varela A**, Vera JF, Bernal O, Velasco S, Olagnero G. Nutripack: Visión de la malnutrición en Colombia y los primeros 1000 días. 15º Congreso Brasileiro de Gastroenterología Pediátrica. Congreso Latinoamericano de Gastroenterología Pediátrica. 26-29 March, 2014. Natal, Brasil 2014. (Oral presentation)

72. Rosero, YL, Delgado MP, Vera Chamorro JF, **Ramírez Varela A**, García, D, Álvarez J, Rodríguez P, Jaramillo CA. Helicobacter pylori: prevalencia y resistencia a claritromicina en pacientes pediátricos con enfermedad gastroduodenal. 28 Congreso Colombiano de Pediatría, 13-15 June 2013, Cartagena, Colombia 2013. (Poster presentation)
73. **Ramírez Varela A**, Jimenez R, Pedraza C, Sarmiento O, Montes F, Vera JF, Meisel JD Gonzales S, Zarama R, Ramirez L. Evaluación de la diseminación del sobrepeso y obesidad en una población escolar utilizando análisis de redes sociales. 28 Congreso Colombiano de Pediatría, 13-15 June 2013, Cartagena, Colombia 2013. (Poster presentation)
74. Rivero L, Geoffray N, **Ramírez Varela A**, Vera JF, Casas G, Soto M, Chaskel R, Briceño C, Lammoglia J. Complicaciones en pacientes pediátricos con trastornos de la conducta alimentaria en la Fundación Santa fe de Bogotá. 28 Congreso Colombiano de Pediatría, 13-15 June 2013, Cartagena, Colombia 2013. (Poster presentation)
75. Lemoine P, Cordovez JM, **Ramírez Varela A**, Zambrano JM, Sarmiento OL, Zarama R. The case of the BRT through an agent based model. Transporte y salud: (el caso del BRT a través de un modelo de agentes). Quinto congreso Colombiano de Bioingeniería e ingeniería Biomédica, 29 April- 4 de May 2013. (Oral presentation)
76. Sarmiento OL, **Ramírez Varela A**, Lemoine P, Zambrano JM, Zarama R, Pratt M. Physical activity, health and transport in Bogotá: the case of the Bus Rapid Transit System, TransMilenio. Annual Active Living Research (ALR) Conference. February 26-28, 2013 in San Diego, California 2013. (Oral presentation)
77. Lemoine P, Zambrano JM, Cordovez JM, **Ramírez Varela A**, Sarmiento OL, Zarama R. Transportation and Health the case of Transmilenio. An agent based model approach. Dynamic Days 2012 South America November 20-23 Barú, Colombia 2012. (Poster presentation)
78. Lemoine P, **Ramírez Varela A**, Zambrano JM, Sarmiento O, Zarama R, Cordovez JM, Pinzón JD, Pratt M. Physical activity, transport and Health in Bogotá: the case of Transmilenio. VII International Congress of Sustainable Transportation Walk21. 30 de September – 4 October 2012. México, City 2012. (Oral presentation)
79. **Ramírez Varela A**, Higuera D, Acosta JC, Ríos AP, Salazar MC, Sarmiento OL, Segura E, Vera JF. Sedentary activities and prevalence of overweight and obesity in children and adolescents: the television and video games case. 1er Encuentro de Semilleros de Investigación Facultades de Medicina, July 25 – 27 2012, Repertorio de Medicina y Cirugía. Vol 21 N ° 4. Bogotá, Colombia 2012. (Oral presentation)
80. Acosta J, **Ramírez Varela A**, Díaz MP, Sarmiento O, Duperly J, Lobelo F, Rojas N, Wong TW, Arango C, Maldonado A, Aristizabal G. Cardiorespiratory fitness in children and air pollution by particulate matter in Bogotá. 1er Encuentro de Semilleros de Investigación Facultades de Medicina, July 25 – 27 2012. Repertorio de Medicina y Cirugía. Vol 21 N ° 4. Bogotá, Colombia 2012. (Poster presentation)

81. Lemus N, Triana C, Gutiérrez L, Pedraza C, Grijalba C, Sarmiento O, **Ramírez Varela A**, Pinzón P, Forero Y. (oral presentation by co-author). Iron deficiency during pregnancy on Colombian women: a public health problem. 1er Encuentro de Semilleros de Investigación Facultades de Medicina, July 25 – 27 2012. Repertorio de Medicina y Cirugía. Vol 21 N° 4 ; 2 I Bogotá, Colombia 2012. (Oral presentation)
82. Leal D, **Ramírez Varela A**, Sarmiento O, Mahecha MP, Bravo A, Pinzón P, Samper B, García S, Mosquera T, Atalah E, Ojeda G, Forero Y, Pedraza C, Grijalba C. Nutritional status during pregnancy on Colombian women: The coexistence of underweight and overweight in adolescents in adult women. 1er Encuentro de Semilleros de Investigación Facultades de Medicina July 25 – 27 2012. Repertorio de Medicina y Cirugía. Vol 21 N° 4. Bogotá, Colombia 2012. (Oral presentation)
83. Cleves D, Sarmiento OL, **Ramírez Varela A**, García MP, Campaz D, Vera Chamorro J, Gempeler J, Rodríguez M. Multivariate analysis of factors associated with discordance in self-perception of body image in Colombian adolescents. 1er Encuentro de Semilleros de Investigación Facultades de Medicina, July 25 – 27 2012. Repertorio de Medicina y Cirugía. Vol 21 N° 4. Bogotá, Colombia 2012. (Oral presentation)
84. Zambrano J, Lemoine P, **Ramírez Varela A**, González M, Ovalle J, Sarmiento OL, Zarama R, Cordovez JM, Pinzón JD, Pratt M. Physical activity, transport and health in Colombia: The case of Transmilenio. 1er Encuentro de Semilleros de Investigación Facultades de Medicina, July 25 – 27 2012. Repertorio de Medicina y Cirugía. Vol 21 N° 4 Bogotá, Colombia 2012. (Oral presentation)
85. Cleves D, Sarmiento O.L, **Ramírez Varela A**, Vera Chamorro J.F, Gempeler J, Rodriguez M. Multivariate analysis of factors associated with discordance in self-perception of body image in Colombian adolescents. III Congreso internacional de Gastroenterología, Hepatología y Nutrición Pediátrica, May 31- June 2 2012. Bogotá, Colombia 2012. (Oral presentation)
86. **Ramírez Varela A**, Higuera D, Acosta JC, Ríos AP, Salazar MC, Sarmiento OL, Segura E, Vera JF. Sedentary activities and prevalence of overweight and obesity in children and adolescents: the television and video games case. III Congreso internacional de Gastroenterología, Hepatología y Nutrición Pediátrica Colombia May 31- June 2 2012. Rev Col Gastroenterol / 27 (3) 2012, Bogotá, Colombia 2012. (Oral presentation)
87. Vera-Chamorro JF, **Ramírez Varela A**, Córdoba JC, Rodríguez PA. Digestive symptoms and clinical response in infants with allergy to cow's milk protein. III Congreso internacional de Gastroenterología, Hepatología y Nutrición Pediátrica, May 31- June 2 2012. Rev Col Gastroenterol / 27 (3) 2012. Bogotá, Colombia 2012. (Oral presentation)
88. Rosero YL, Delgado MP, Vera Chamorro JF, García D, **Ramírez Varela A**, Bravo, MM, López L, Jaramillo CA. Implementation of a protocol for the detection of mutations in the 23S-rDNA gene of Helicobacter pylori associated with resistance to clarithromycin. III Congreso internacional de Gastroenterología, Hepatología y Nutrición Pediátrica, May 31- June 2 2012. Rev Col Gastroenterol / 27 (3) 2012. Bogotá, Colombia 2012. (Oral presentation)

89. Delgado MP, Rosero YL, Vera Chamorro JF, García D, **Ramírez Varela A**, Bravo MM, López L, Jaramillo CA. Using polymerase chain reaction (PCR), sequencing and characterization of virulent strains of *Helicobacter pylori* in children with gastroduodenal diseases. III Congreso internacional de Gastroenterología, Hepatología y Nutrición Pediátrica, May 31- June 2 2012. Rev Col Gastroenterol / 27 (3) 2012. Bogotá, Colombia 2012. (Oral presentation)
90. Pedraza C, Grijalba C, Sarmiento OL, **Ramírez Varela A**, Pinzón P. Iron deficiency during pregnancy on Colombian women: a public health problem. XVIII Congreso Latinoamericano, IX Congreso Iberoamericano, I Congreso Caribeño y I Congreso Dominicano de Gastroenterología, hepatología y nutrición pediátrica. November 16-19 2011 Acta Pediatr Esp. 2011; 69 (Supl.): S1-S64. Abstract p131. Punta Cana, República Dominicana 2011. (Poster presentation)
91. Vera Chamorro JF, **Ramírez Varela A**, Córdoba JC, Rodríguez PA. Digestive symptoms and clinical response in infants with allergy to cow's milk protein. Fundación Santa fe de Bogotá. XVIII Congreso Latinoamericano, IX Congreso Iberoamericano, I Congreso Caribeño y I Congreso Dominicano de Gastroenterología, hepatología y nutrición pediátrica. November 16-19 2011. Acta Pediatr Esp. 2011; 69 (Supl.): S1-S64. Abstract p38. Punta Cana, República Dominicana 2011. (Poster presentation)
92. Rosero YL, Delgado MP, Vera Chamorro JF, García D, **Ramírez Varela A**, Bravo MM, López L, Jaramillo CA. Implementation of a protocol for the detection of mutations in the 23S-rDNA gene of *Helicobacter pylori* associated with resistance to clarithromycin. XVIII Congreso Latinoamericano, IX Congreso Iberoamericano, I Congreso Caribeño y I Congreso Dominicano de Gastroenterología, hepatología y nutrición pediátrica. November 16-19 2011. Acta Pediatr Esp. 2011; 69 (Supl.): S1-S64. Abstract p27. Punta Cana, República Dominicana 2011. (Oral presentation)
93. Delgado MP, Rosero YL, Vera Chamorro JF, García D, **Ramírez Varela A**, Bravo MM, López L, Jaramillo CA. Using polymerase chain reaction (PCR), sequencing and characterization of virulent strains of *Helicobacter pylori* in children with gastroduodenal diseases. XVIII Congreso Latinoamericano, IX Congreso Iberoamericano, I Congreso Caribeño y I Congreso Dominicano de Gastroenterología, hepatología y nutrición pediátrica. November 16-19 2011. Acta Pediatr Esp. 2011; 69 (Supl.): S1-S64. Abstract p40. Punta Cana, República Dominicana 2011. (Oral presentation)
94. Donado C, Duperly J, Lobelo F, **Ramírez Varela A**, Montoya, E, Cano, Sarmiento OL, Pratt M. Prevalence of Risk Factors for Recreational Race-Associated Cardiovascular Events Among Runners in Bogota City. 58th Annual Meeting and 2nd World Congress on Exercise is Medicine, American College of Sports Medicine. May 31 - June 4, 2011 Medicine and Science in Sports and Exercise, Volume 43:5 Supplement Colorado 2011. (Poster presentation)
95. Vera Chamorro JF, García D, **Ramírez Varela A**, López L, Delgado MP, Jaramillo CA. Detection of *Helicobacter pylori* and cagA gene amplification in children and adolescents with abdominal pain and gastroduodenal disease. Primer congreso internacional de nutrición



pediátrica. Universidad de la Sabana February 2011 Bogotá, Colombia 2011. (Poster presentation)

96. Donado C, **Ramírez Varela A**, Castellanos C, Duperly J, Lobelo F, Sarmiento OL. Prevalence of risk factors for recreational race cardiovascular events among runners in Bogotá city *Medicine and Science in Sports and Exercise* ISSN: 0195-9131 *ed:* Lippincott Williams & Wilkins v.43 *fasc.5* p.s236, 2011 American College of Sports Medicine 2011. (Poster presentation)
97. **Ramírez Varela A**, Olarte A, Donado C, Sarmiento O.L, Pratt M, Gómez L.F, Zarama R, Pinzón J.D, Lemoine P, Duperly J. The importance of Built environment characteristics in monitoring noncommunicable diseases: The case of the influence of environment and physical activity in a city in nutritional transition like Bogotá. VII Conferencia Técnica Internacional AMNET, Principios y práctica de la vigilancia epidemiológica de Enfermedades crónicas. November 16-20 de 2010. Cali, Colombia 2010. (Oral presentation)
98. Donado C, Collazos V, Duperly J, **Ramírez Varela A**, Sarmiento O.L, Pratt M, Lobelo F. The importance of the university environment in developing healthy lifestyles among medical students in Colombia. VII Conferencia técnica Internacional, Principios y Práctica de la Vigilancia Epidemiológica de las Enfermedades Crónicas, AMNET, November 16 -20 2010. Cali, Colombia 2010. (Poster presentation)
99. **Ramírez Varela A**, Sarmiento OL, Duperly J, Lobelo F, Rojas N, Wong TW, Arango CM, Maldonado A, Aristizabal G. Cardiorespiratory fitness in children and air pollution by particulate matter in Bogotá. IX Plenum pediátrico, Semillero de Investigación. November 13 2010 Bogotá, Colombia 2010. (Oral presentation)
100. Woolfson J, Segura C, **Ramírez Varela A**, Knimalasuriya K, Tairyan K, Frank E, Wruck M. Health Sciences Online: Health Sciences Online: Creating a Certificate of Maternal and Perinatal Care Online. Conference on Labor and Normal Delivery, July 20-23, 2010. Vancouver, Canada 2010. (Poster presentation)
101. Jácome Orozco AL, Diazgranados H, Vera ChamorroJF, **Ramírez Varela A**, Osorio Aponte P, I. Clinical characteristics of mesenteric adenitis in children: case-control study. IX Plenum pediátrico, Semillero de Investigación. November 13 2010, Bogotá, Colombia. 2010. (Oral presentation)
102. **Ramírez Varela A**, Trujillo E. Antenatal and Perinatal care continuing education for health providers in Chocó, Colombia. Wonca 2010 World Conference of Family Doctors, May 19-23, 2010. Cancun, Mexico 2010. (Poster presentation)
103. **Ramírez Varela A**, Sarmiento OL, Duperly J, Lobelo F, Rojas N, Wong TW, Arango CM, Maldonado A, Aristizabal G. Cardiorespiratory Fitness and Air Pollution among Children in Bogotá city. 3rd International Congress on Physical Activity and Public Health. May 5-8 2010 Toronto, Canada 2010. (Poster presentation)

104. Sarmiento OL, **Ramírez Varela A**, Gómez LF, Mosquera J, Ardila M, Pinzón JD. International Study of built environment, physical activity and obesity (IPEN) in Bogotá, Colombia. Coloquio de investigación en salud pública para estudiantes grupo “alianza por la salud pública. Secretaria distrital de salud May 28 2010. Bogotá, Colombia 2010. (Poster presentation)
105. Donado C, **Ramírez Varela A**, Segura C, Castellanos C, Duperly J, Sarmiento OL, Lobelo F. Smoking in medical students: A challenge for public health in Colombia. XIII Congreso Colombiano de Cardiología y Cirugía Cardiovascular. February 27- March, 2010. Revista Colombiana de cardiología: 17(supl 2), 54, Cartagena, Colombia 2010. (Poster presentation)

### **Keynotes, Symposia, Seminars, Expert Panels, Technical Meetings, Other Presentations**

1. Invited Speaker. **Ramírez Varela A**. Book Presentation “Tiempos de Epidemia. Tres emergencias sanitarias en Bogotá. 1840, 1918, 2020” Universidad de los Andes, Academia Nacional de Medicina. Bogotá, Colombia, April, 2023.
2. Invited Speaker. **Ramírez Varela A**. Theoretical – Practical Workshop. Trends in Physical Activity and Health Surveillance, Policy, and Research: Findings from the Global Observatory of Physical Activity - GoPA! 2015 and 2020. Nutrition and Physical Activity Latin American Society – SLAN. Cuenca, Ecuador, November, 2022
3. Colloquium Organizer and Speaker. **Ramírez Varela A**, Experiences of leadership and governance in the response to the pandemic of COVID-19 in Colombia and the Americas, agenda for the post-pandemic and the future of health in the region. Universidad de los Andes, Bogotá, Colombia, November, 2022.
4. Invited Speaker. **Ramírez Varela A**. Physical activity Policy Research. First Congress of the Physical Activity Colombian Network – Redcolaf. Pereira, Colombia, November 2022
5. Expert Panel. **Ramírez Varela A**. Physical activity Policy. XI Course on Policies and Programs for the Promotion of Healthy Habits and Lifestyles. Ministry of Sports, Colombia. Online event. Bogotá, Colombia. October 26, 2022
6. Invited Speaker. **Ramírez Varela A**. Physical activity promotion during the COVID-19 pandemic. 45° Simpósio Internacional de Ciências del Deporte Forum Agita do Mundo. Centro de Estudos do Laboratório de Aptidão Física de São Caetano do Sul, CELAFISCS, September 26, 2022.
7. Symposium Co-Organizer and Speaker. **Ramírez Varela A**, M Pratt, Željko Pedišić, Adrian Bauman. S10. Developing and Monitoring National Physical Activity Policy: A Global Challenge that Must be Addressed with a Global Response. 11th conference of HEPA Europe (An Ecosystem Approach to Health-Enhancing Physical Activity Promotion), Nice, France August 30 - September 2, 2022. European Journal of Public Health, Volume 32, Issue Supplement\_2, September 2022, ckac093.049, <https://doi.org/10.1093/eurpub/ckac093.049>.

8. Invited speaker. Anokye N, **Ramirez Varela A**, Salvo D, Mukerjee P, Jauregui A, Agyeman K. SB13: Co-benefits of Physical Activity in LMIC. 8th International Society for Physical Activity and Health Congress ISPAH, held virtually from Vancouver, Canada on October 13, 2021. Health & Fitness Journal of Canada, Vol. 14 No. 3 (2021) DOI: <https://doi.org/10.14288/hfjc.v14i3>.
9. Symposium Co-Organizer and Speaker. Pratt M, Bauman A, **Ramirez Varela A**, Hallal P. SC12 entitled “Five-year experience of the Global Observatory for Physical Activity (GoPA!): Progress, Lessons Learned and Future Steps” Coauthor. 8th International Society for Physical Activity and Health Congress ISPAH, held virtually from Vancouver, Canada on October 14, 2021. Health & Fitness Journal of Canada, Vol. 14 No. 3 (2021) DOI: <https://doi.org/10.14288/hfjc.v14i3>.
10. Symposium Co-Organizer and Speaker. **Ramirez Varela A**, Nino G, Shana G, Silva Bruna G.C. da Silva, Cauane Blumenberg, Martins R, da Silva M, Zaranza L, Hallal P, Pratt M. Speaker at online meeting. “Research on physical activity and health in the Americas temporal trends and main characteristics.” “Prevalence of health risk behaviors in university women in the city of Brasilia-Brazil”, “Unifying and strengthening the research agenda in physical activity and health in Latin America: Together in movement!”. 1st Latin American Congress of Research in Physical Activity and Health (CLIAFS). National Institute of Public Health, Cuernavaca, June 24, 2021.
11. Invited Speaker. **Ramirez Varela A**. VII joint meeting of researchers. Impact on communication through research: The covid-19 pandemic. University of the Andes and Fundación Santa Fe de Bogotá. Bogota, Colombia - October 23,2020.
12. Invited Speaker. **Ramirez Varela A**. Physical activity as a tool to improve everyone's health. Actions and recommendations for the pandemic. XVIII Annual Meeting of the Physical Activity Network of the Americas – Physical Activity Network of the Americas – RAFA PANA. Buenos Aires, Argentina. December 2-3, 2020.
13. Invited Speaker. **Ramirez Varela A**. Promotion of active and healthy life, post-pandemic actions and recommendations. International Course on Physical Activity and Public Health – Physical Activity Network of the Americas – RAFA PANA. Buenos Aires, Argentina. December 4-5, 2020.
14. Invited Speaker. **Ramirez Varela A**. IX Course on Promotion Policies and Programs for the prevention of healthy habits and styles. Importance of global epidemiological surveillance: The global observatory of physical activity GoPA! Sports Ministry. Bogota Colombia. December 9-12, 2020.
15. Invited Speaker. **Ramirez Varela A**. International course on design, implementation and evaluation of intervention programs. Evaluation of policies and programs in Latin America. University of Guadalajara Guadalajara- Mexico-July 3- 2021.

16. Symposium Co-Organizer and Speaker. **Ramirez Varela A**, Pratt M, Hallal P. The Global Observatory for Physical Activity-GoPA! National Policy Inventory. ISBNPA Congress, 5-7 June 2019, Prague, Czech Republic 2019.
17. Symposium Co-Organizer and Speaker. Pratt M, **Ramirez Varela A**, Hallal P. Current status and future steps for physical activity monitoring: GoPA! HEPA Conference, Zagreb, Croacia. November 15-17 2017.

### Professional Memberships

International Society for Nutrition and Physical Activity ISBNPA	Executive Committee. Representative of South America and the Caribbean
The Global Observatory for Physical Activity – GoPA!	Executive board member, coordinator
International Society of Physical Activity and Health – ISPAH	Executive board member
Latin American Society for Physical Activity Research –SLIAFS	Executive board member
CATCH project - Colombia	Board of Advisors member, Colombia
Lancet Physical Activity Series Working Group	Member
Colombian Ministry of Science researchers classification.	Senior researcher (highest category)

### Service to the field/profession

- 2021 Founding Member & first Conference Secretary. Latin American Society for Physical Activity and Health Research. First Latin American Congress took place virtually on June 21-24, 2021.
- 2020 Founding & Steering Committee Member. Global Observatory for Physical Activity. International Society for Physical Activity and Health.

### Editorial work

Journal of Physical Activity and Health - JPAH, since 2021	Senior Associate Editor
Brazilian Journal of Physical Activity and Health – RBAFS 2021-2022	Associate Editor

- Lancet Global Health
- European Journal of Public Health – EJPH
- Cadernos de Saude Publica – CSP
- BMC Public Health
- International Journal of Behavior Nutrition and Physical Activity – IJBNPA
- European Journal of Public Health - EJPH
- Preventing Chronic Disease

Adhoc Peer Reviewer

Latin American Congress on Physical Activity and Health Research, 2021, virtual

Conference Organizer

Congress of the International Society of Physical Activity and Health, 2016, Bangkok, Thailand

Conference abstract reviewer

### **Languages**

- Spanish: 100% spoken and written.
- English: 100% spoken and written.
- Portuguese: 100% spoken and written.

### **Technical Skills**

- Tableau (map templates and dashboards)
- STATA (programming for biostatistical and epidemiological analysis)
- Accelerometers and pedometers (fieldwork, data collection coordination, data download, wear-time validation, data scoring, data analysis)
- Direct observation of physical activity (SOFIT and SOPARC data collection and analysis)
- Anthropometry (height, weight, skinfolds)
- Qualitative Research Methods (focus groups, in-depth interviews).

### **Professional Competencies**

- Healthy Lifestyles and Physical Activity Promotion across the lifespan
- Meta-research
- Global health policy
- Chronic Diseases and Obesity Prevention
- Epidemiological surveillance
- Physical Activity and Public Health
- Capacity building for research, policy and surveillance
- Pandemic prevention, preparedness, response
- Health disparities and inequalities
- Lifecourse studies