
BIOGRAPHICAL SKETCH

NAME Sarmiento, Olga L.	POSITION TITLE Assistant Professor of Epidemiology Department of Social Medicine, School of Medicine Universidad de los Andes, Bogotá Colombia
----------------------------	---

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of North Carolina at Chapel Hill	Ph.D	2003	Epidemiology
University of North Carolina at Chapel Hill	MPH	2000	Epidemiology
Pontificia Universidad Javeriana, Bogotá Colombia	M.D	1994	Medicine

A. Positions and Honors.

Positions and Employment

1994-1996	Social Medical Service. Coordinator of the Health Care Center of la Chorrera. La Chorrera Amazons, Colombia
2000-2003	Research assistant in the project: Study of Physical Activity Determinants Among Latino Female Immigrants in North Carolina
2003-2004	Research Associate at the Centro de Estudios e Investigación en Salud at the Fundación Santa Fe de Bogotá, School of Medicine at the Universidad de los Andes.
2004-2009	Assistant Professor of Epidemiology, Department of Social Medicine at the Universidad de los Andes Medical School. Bogotá, Colombia.
2009-present	Associate Professor of Epidemiology, Department of Social Medicine at the Universidad de los Andes Medical School. Bogotá, Colombia.

Honors

- 1997 COLFUTURO scholarship (Foundation for the Future of Colombia)
- 2003 Delta Omega Honorary Public Health Society
- 2006 Award of best work at the Encuentro de Investigadores del a Fundación Santa Fe de Bogota. With the project Influence of built environment on physical activity and quality of life in Bogotá
- 2008 Award of best research paper from the Colombian Planning Department 'El papel de la planeación en el desarrollo colombiano', realizado por el Departamento Nacional de Planeación (DNP). A Multiobjective Optimization Model for Locating Urban Parks in the city of Bogotá

B. Peer-reviewed publications

1. Molano, A. M., Medaglia, A. L., **Sarmiento, O. L.**, Sefair, J. A. (2009). Urban planning model to construct construir new neighborhood parks in Bogotá. *Revista Planeación y Desarrollo*, 39(2): 140-173.
2. Juan Felipe Franco, Néstor Yesid Rojas, **Olga L. Sarmiento**, Luis Jorge Hernández, Elizabeth Zapata, Andrea Maldonado, Leonardo Matiz, Eduardo Behrentz. Particulate matter concentrations at public schools located near major urban roads in Bogota, Colombia: a pilot study. *Rev.Fac.Ing.Univ. Antioquia*. N.º 49. pp. 101-111.
3. John Duperly, Felipe Lobelo, Carolina Segura, Francisco Sarmiento, Deisy Herrera, **Olga L Sarmiento** and Erica Frank The association between Colombian medical students' healthy personal habits and a positive attitude toward preventive counseling: a cross-sectional analyses. *BMC Public Health*. BMC Public Health 2009, 9:218
4. Cervero, Robert, **Sarmiento, Olga L.**, Jacoby, Enrique, Gomez, Luis Fernando and Neiman, Andrea. 'Influences of Built Environments on Walking and Cycling: Lessons from Bogotá', *International Journal of Sustainable Transportation*, 3:4,203 -226 . 2009

5. Garcia E, Aristizabal G, Vasquez C, Rodriguez-Martinez CE, **Sarmiento OL**, Satizabal CL. Prevalence of and factors associated with current asthma symptoms in school children aged 6-7 and 13-14y old in Bogota, Colombia *Pediatr Allergy Immunol.* 2008 Jun;19(4):307-14.
6. Robert Cervero, **Olga L. Sarmiento**, Enrique Jacoby, Luis Fernando Gomez, Andrea Neiman. Influences of Built Environments on Walking and Cycling: Lessons from Bogotá. *International Journal of Sustainable Transportation.* In press.
7. Garcia E, Aristizabal G, Vasquez C, Rodriguez-Martinez CE, **Sarmiento OL**, Satizabal CL. Prevalence of and factors associated with current asthma symptoms in school children aged 6-7 and 13-14y old in Bogota, Colombia *Pediatr Allergy Immunol.* 2008 Jun;19(4):307-14.
8. Parra D, Gómez LF, Pratt M, **Sarmiento OL**, Triche E, Mosquera J. Policy and Built Environment Changes in Bogotá and their Importance in Health Promotion. *Indoor Built Environ* 2007;16;4:344–348
9. Garcia E, Aristizabal G, Vasquez C, Rodriguez-Martinez CE, **Sarmiento OL**, Satizabal CL. Prevalence of and factors associated with current asthma symptoms in school children aged 6-7 and 13-14y old in Bogota, Colombia. In Press *Pediatr Allergy Immunol.*
10. Toro J, **Sarmiento OL**, Díaz del Castillo A, Satizábal CL, Ramírez JD, Montenegro AC, Góngora MC, Quiñones JA, Díaz A, Tobón A: Prevalence of Multiple Sclerosis in Bogotá, Colombia. *Neuroepidemiology* 2007;28:33-38
11. Lucumí D.I, **Sarmiento OL**, Gomez LF, Forero R, Espinosa G. Community intervention to promote the consumption of fruits and vegetables, smoke free environments and physical activity among home caregivers in Bogotá-Colombia. *Preventing Chronic Disease, Public Health Research, Practice and policy.* 3(4); 2006
12. Gómez LF, **Sarmiento OL**, Lucumí D.I, Espinosa G, Forero R, Bauman A. Prevalence and Factors Associated with Walking and Cycling for Transport Among Young Adults in Two Low Income Localities of Bogotá, Colombia. *Journal of Physical Activity and Health.* 2005 2; 445-459
13. Evenson K, **Sarmiento OL**, Ayala G. Acculturation and Physical Activity Among North Carolina Latina Immigrants. *Soc Sci Med.* 2004 Dec;59(12):2509-22.
14. Evenson K, **Sarmiento OL**, Ammerman A, Tawney K, Macon M. Physical activity and its correlates among North Carolina Latina immigrants. *Am J Prev Med* 2003;25: 77-85.
15. Evenson, K.R., **Sarmiento, OL**, Macon, L., Tawney, K.W., Ammerman, A.S. Environmental, Policy, and Cultural Factors Related to Physical Activity Among Latina Immigrants. *Women & Health* 2002; 36(2):43-57
16. **Sarmiento, OL**, Miller, W.C., Ford, C.A., Schoenbach, V.J., Viadro, C., Adimora, A., Suchindran Routine Physical Examination and Forgone Health Care among Latino Adolescent Immigrants in the United States *Journal of Immigrant Health* 2005 7;305-316
17. **Sarmiento, OL**, Miller, W.C., Ford, C.A., Schoenbach, V.J., Viadro, C., Adimora, A., Suchindran, C.M. Disparities in Routine Health Care Utilization among In-School Adolescents of Differing Latino Origin. *J Adolesc Health.* 2004 Oct;35(4):310-20.
18. **Sarmiento, OL**, Ford, C.L., Newbern, E.C., Miller, W.C., Poole, C., Kaufman, J.S. The importance of assessing effect modification when asserting racial differences in associations between human leukocyte antigen class II alleles and hepatitis C virus outcomes. *J Infect Dis* 2002;185(2):266-8
19. **Sarmiento, OL**, Weigle, K., Alexander, J., Weber, D., Miller, W.C. Assessment by Meta-Analysis of PCR for Diagnosis of Smear-Negative Pulmonary Tuberculosis. *Journal of Clinical Microbiology:* 2003 41(7) 3233-3240.

Research Support.

PI: Gabriel Ojeda

Dates: 2008-2009

Agency: World Food Program and Profamilia

Title: *Nutritional status of the indigenous population of el Choco-Colombia*

The major goals of this project are: To assess the nutritional status of the indigenous population of le Chocó Colombia

Role: Co-investigator

PI: Olga L. Sarmiento

Dates: 2008-2009

Agency: CDC – PAHO Cooperative Agreement

Title: *Ciclovias of the Americas and the Caribbean: A public health program*

The major goals of this project are: The objective of this study process to define and review what we currently know about Ciclovias as a public health and public policy strategy in Latin America for improving health and quality of life in urban communities.

Role: Co-investigator

PI: John Duperly

Dates: 2005-2009

Agency: School of Medicine at the Universidad de los Andes. Bogota, Colombia

Title: *Healthy Doc Healthy Patient study in Colombia*

The major goals of this project are: To determine the relationship between the lifestyle (nutritional habits, physical activity levels, alcohol consumption, and tobacco use) of Colombian medical students at the first and fifth year, and their attitudes towards patients counseling regarding healthy lifestyle. To implement a program to promote healthy life styles within medical school curriculum in Bogotá.

Role: Co-investigator

PI: Olga Lucia Sarmiento

Dates: 2006-2010

Title: *The influence of "transmilenio" on the association between air quality and respiratory symptoms, cardiopulmonary fitness and quality of life among school-children in Bogotá, colombia*

Agency: Colciencias (Colombian Science Foundation), Universidad de los Andes, Bogota, National University of Colombia, Health Department of the District of Bogotá and Fundación FES Social.

The major goals of this project are: To evaluate if the relationship between cardio-respiratory fitness in school children and the air pollution is modified by the new transportation system of Bogotá (Transmilenio). 2. To evaluate if the quality of life of school children is modified by "Transmilenio". 3. To evaluate if the association between respiratory symptoms and the air quality is modified by the transmilenio. 4. To evaluate if walking patterns among parents of the children change after transmilenio construction.

Role: Principal Investigator

PI: Luis Fernando Gomez

Dates: 2007-2008

Title: *Influence of built environment on physical activity and quality of life in Bogotá among older adults.*

Agency: Fundación FES SOCIAL, Corporación de Universidades del Centro de Bogotá, CDC, Universidad de los Andes,

The major goals of this project are: To evaluate the association between built environment characteristics (urban density, diversity and design, accessibility to transportation and recreational spaces) with physical activity and quality of life in older adults of Bogotá

Role: Consultant

Completed

PI: Luis Fernando Gomez

Dates: 2004-2007

Title: *Influence of built environment on physical activity and quality of life in Bogotá.*

Agency: IUHPE, CDC, PAHO, Universidad de los Andes, Fundación FES SOCIAL, Corporación de Universidades del Centro de Bogotá

The major goals of this project are: To evaluate the association between built environment characteristics (urban density, diversity and design, accessibility to transportation and recreational spaces) with physical activity and quality of life in adult residents of Bogotá

Role: Co-investigator

PI: Instituto Colombiano de Bienestar Familiar

Dates: 2004-2006

Title: National Nutrition Survey. ENSIN 2005

Agency: Instituto Colombiano de Bienestar Familiar (Family Welfare Colombian Institute)

The major goals of this project are: To estimate the prevalence of physical activity among adolescents and adults of Colombia.

Role: Consultant

PI: Diego Lucumí

Dates: 2005-2007

Title: *Cost-effectiveness of a community intervention to promote fruits and vegetables consumption, and physical activity in low income caregiver women: Tu Vales*

Agency: Colciencias (Colombian Science Foundation), Universidad de los Andes, Bogota, Health Department of the District of Bogotá and Fundación FES Social.

The major goals of this project are: To develop and asses the effectiveness of an intervention to promote fruits and vegetables consumption and physical activity in low income caregiver women in Bogotá

Role: Co-principal Investigator

PI: Luis Fernando Gomez

Dates: 2003-2004

Title: International Physical Activity in Bogotá –Colombia-.

Agency: Distrital Institute of Sport and Recreation of Bogotá and University of Sidney

Role: Consultant.

PI: Luis Fernando Gomez

Dates: 2003-2004

Title: Prevalence of Cardiovascular Risk Factors in the demonstrative CARMEN area of Santa Fe.

Agency: Secretary of Health of Bogotá

Role: Consultant.

PI: Diego Lucumí

Dates: 2003-2004

Title: PARCES Project (Community Intervention to promote physical activity, consumption of vegetables and fruits and tobacco control in public schools).

Agency: Secretary of Health of Bogotá

Role: Consultant.

PI: Diego Lucumí

Dates: 2003-2004

Title: Pilot study: TU VALES Project (Community Intervention to promote physical activity, consumption of vegetables and fruits and household smoking restrictions in low income caregivers)

Agency: Secretary of Health of Bogotá

Role: Consultant.

Teaching experience

Epidemiological methods for the analysis of categorical data

Master's level

Basic principles of Epidemiology

Undergraduate level

Epidemiological methods for analyzing observational studies

Undergraduate level