

RESUME

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EDUCATION

Johns Hopkins University, School of Public Health
Master in Public Health (MPH), May 2004

Johns Hopkins University, School of Medicine,
Research Fellowship in Eye Pathology, January 1989 to December 1990

Universidad del Rosario, School of Medicine – Bogota- Colombia
Ophthalmology – Residency Program July 1984 to June 1987

Universidad del Rosario, School of Medicine – Bogota, Colombia
Medical doctor. July 1 1977 to June 30th 1983

EXPERIENCE

Pan American Health Organization, World Health Organization
Eye Care Regional Adviser for Latin America and the Caribbean. 1991- current.

LANGUAGE

- Fluent in speaking and writing Spanish and English

AWARDS

1. Pan American Health Organization, 2005 Annual Director's Award
2. Pan American Association of Ophthalmology. 2019 "Francisco Contreras Prevention of Blindness Award.

PUBLICATIONS

1. Serrano GM, Salazar AR, Figueroa OL, Monzón A, Yee M, Yee JF et al. National survey of blindness and visual impairment in Guatemala, 2015. *Arq Bras Oftalmol.* 2019;82(2):91-7. <http://dx.doi.org/10.5935/0004-2749.20190029>
2. Ramke J, Zwi A, Silva JC, Mwangi N, Rono H, Gichangi M. et al. Evidence for national universal eye health plans. *Bull World Health Organ* 2018;96:695–704 doi: <http://dx.doi.org/10.2471/BLT.18.213686>
3. Leasher J, Braithwaite T, Furtado J, Flaxman S, Lansingh V, Silva JC, et al. Prevalence and causes of vision loss in Latin America and the Caribbean in 2015: magnitude, temporal

- trends and projections Br J Ophthalmol 2018;**0**:1–9.
doi:10.1136/bjophthalmol-2017-311746
4. Hariharan L et al. Reducing Blindness from Retinopathy of Prematurity (ROP) in Argentina Through Collaboration, Advocacy and Policy. Implementation. Health Policy and Planning, 2018, 1–12 doi: 10.1093/heapol/czy004
 5. Barria F, Conte F, Muñoz S, Leasher JL, **Silva JC**. Prevalence of refractive error and spectacle coverage in schoolchildren in two urban areas of Chile. Rev Panam Salud Publica. 2018;42:e61. <https://doi.org/10.26633/RPSP.2018.61>
 6. Flaxman S. et al. Global causes of blindness and distance vision impairment 1990-2020: A systematic review and meta-analysis. October 2017. The Lancet Global Health 5(12) DOI. 10.1016/S2214-109X(17)30393-5
 7. Braithwaite T et.al. Health system dynamics analysis of eye care services in Trinidad and Tobago and progress towards Vision 2020 Goals. October 2017. Health Policy and Planning DOI 10.1093/heapol/czx143
 8. Bourne R. et al. Magnitude, temporal trends, and projections of the global prevalence of blindness and distance and near vision impairment: A systematic review and meta-analysis. Aug 2017, The Lancet Global Health,
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9. Hong H, Mújica OJ, Anaya J, Lansingh V, Lopez E. **Silva JC**. The Challenge of Universal Eye Health in Latin America: distributive inequality of ophthalmologists in 14 countries. BMJ Open 2016;6: e012819. doi:10.1136/bmjopen-2016-012819
 10. Arnesen L, Durán P, **Silva J**, Brumana L. A multi-country, cross-sectional observational study of retinopathy of prematurity in Latin America and the Caribbean. Rev Panam Salud Publica. 2016;39(6):322–29.
 11. Limburg H, Espinoza R, Lansingh VC, Silva JC. Functional low vision in adults from Latin America: findings from population-based surveys in 15 countries. Rev Panam Salud Publica. 2015;37(6):371–8.
 12. Silva JC, Diaz MA, Maul E, Muñoz B, West Sheila. Population-based study of Trachoma in Guatemala. Ophthalmic Epidemiology, 2015; 22(3): 231-236
 13. Silva JC, Mújica OJ, Vega E, Barcelo A, Lansingh VC, McLeod J, et al. A comparative assessment of avoidable blindness and visual impairment in seven Latin American countries: prevalence, coverage, and inequality. Rev Panam Salud Publica. 2015;37(1):13–20.
 14. Barrenechea R, de la Fuente I, Plaza RG, Flores N, Segovia L, Villagómez Z, et al. Encuesta nacional de ceguera y deficiencia visual evitable en Argentina, 2013. Rev Panam Salud Publica. 2015; 37(1):7–12.
 15. López M, Brea I, Yee R, Yi R, Carles V, Broce A, Limburg Hans, **Silva Juan C** . Encuesta de ceguera y deficiencia visual evitable en Panamá. Rev Panam Salud Publica.

- 2014;36(6):355–60.
16. **Silva, J.** National surveys of avoidable blindness and visual impairment in Argentina, El Salvador, Honduras, Panama, Peru, and Uruguay. *Rev Panam Salud Publica* 2014;36(4):214–8.
 17. Alvarado D, Rivera B, Lagos L, Ochoa M, Starkman I, Castillo M, *Flores E, Lansingh V, Limburg H, Silva JC.* Encuesta nacional de ceguera y deficiencia visual evitables en Honduras. *Rev Panam Salud Publica.* 2014;36(5):300–5.
 18. Rius A, Guisasola L, Sabidó M, Leasher JL, Moriña D, Villalobos A, *Lansingh V, Mujica O Rivera E, Silva JC.* Prevalence of visual impairment in El Salvador: inequalities in educational level and occupational status. *Rev Panam Salud Publica.* 2014;36(5):290–9.
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 20. Gallarreta M, Furtado JM, Lansingh VC, **Silva JC**, Limburg H. Rapid assessment of avoidable blindness in Uruguay: results of a nationwide survey. *Rev Panam Salud Publica.* 2014;36(4):219–24
 21. Fernando Barria von-Bischhoffshausen, Beatriz Munoz, Ana Riquelme, Maria Jose Ormeno. **Juan Carlos Silva**, Spectacle-Wear Compliance in School Children in Concepcion Chile. *Ophthalmic Epidemiology*, Early Online, 1–8, 2014. Informa Healthcare USA, Inc. ISSN: 0928-6586 print / 1744-5086 online .DOI: 10.3109/09286586.2014.975823
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 23. Leasher J, Lansingh V, Flaxman S, Jonas J, Keeffe J, Naidoo K, Pesudovs K, Price H, **Silva JC**, White R, Wong T Y, Resnikoff S, Taylor H, Bourne R. Prevalence and causes of vision loss in Latin America and the Caribbean: 1990–2010. *Br J Ophthalmol* 2014;**98**:5 619-628
 24. Lavett Diane K, Lansingh Van C, Carter, Marissa J, Eckert Kristen A, **Silva Juan C.** Will the SAFE Strategy Be Sufficient to Eliminate Trachoma by 2020? Puzzlements and Possible Solutions, *The Scientific World Journal* Volume 2013 (2013), Article ID 648106, 18 pages <http://dx.doi.org/10.1155/2013/648106>
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26. Lewallen S, Perez-Straziota C, Lansingh V, Limburg H, **Silva JC**. Variation in Cataract Surgery Needs in Latin America. *Arch Ophthalmol*. 2012 Dec;130(12):1575-8. doi: 10.1001/archophthalmol.2012.2147
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personas mayores de 50 años en una zona semirural del norte del Peru. Rev Panam Salud Publica.2005: 17(5/6): 387-93

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42. Traboulsi EI; **Silva J.C.** Geraghty MT; Maumenee IH; Valle D; Green W.: Ocular histopathological characteristics of cobalamin C type Vitamin B12 defect with methylmalonic aciduria and homocystinuria. Am-J-Ophthalmol 113(3) 269-80; 1992
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