

SCIENTIFIC PUBLICATIONS

Systematic reviews

1. Garcia-Casal MN, Pasricha S-R, Martinez RX, Lopez-Perez L, **Peña-Rosas JP**¹. Serum or plasma ferritin concentration as an index of iron deficiency and overload. *Cochrane Database of Systematic Reviews* 2021, Issue 5. Art. No.: CD011817. DOI: 10.1002/14651858.CD011817.pub2
2. Centeno-Tablante E, Medina-Rivera M, Finkelstein JL, Herman HS; Rayco-Solon P, Garcia-Casal MN, *et al.* Update on the transmission of Zika virus through breast milk and breastfeeding: a systematic review of the evidence. *Viruses* **2021**, *13*, 123. <https://doi.org/10.3390/v13010123>
3. Medina-Rivera M, Centeno-Tablante E, Finkelstein JL, Rayco-Solon P, **Peña-Rosas JP**, Maria N. Garcia-Casal MN, *et al.* Presence of Ebola virus in breast milk and risk of mother-to-child transmission: synthesis of evidence. *Ann. N.Y. Acad. Sci* 2020. doi.org/10.1111/nyas.14519
4. Centeno-Tablante E, Medina-Rivera M, Finkelstein JL, Rayco-Solon P, Garcia-Casal MN, Rogers LM, *et al.* Transmission of SARS-CoV-2 through breast milk and breastfeeding: a living systematic review. 2020. *Ann. N.Y. Acad. Sci.* doi:10.1111/nyas.14477
5. Field MS, Mithra P, Estevez D, **Peña-Rosas JP**¹. Wheat flour fortification with iron for reducing anaemia and improving iron status in populations. *Cochrane Database of Systematic Reviews* 2020, Issue 7. Art. No.: CD011302. DOI: 10.1002/14651858.CD011302.pub2.
6. Palacios C, Trak-Fellermeier MA, Martinez RX, Lopez-Perez L, Lips P, Salisi JA, John JC, **Peña-Rosas JP**. Regimens of vitamin D supplementation for women during pregnancy. *Cochrane Database of Systematic Reviews* 2019, Issue 10. Art. No.: CD013446. DOI: 10.1002/14651858.CD013446.
7. Palacios C, Kostiuik LK, **Peña-Rosas JP**. Vitamin D supplementation for women during pregnancy. *Cochrane Database of Systematic Reviews* 2019, Issue 7. Art. No.: CD008873. DOI: 10.1002/14651858.CD008873.pub4.
8. Hombali AS, Solon JA, Venkatesh BT, Nair NS, **Peña-Rosas JP**¹. Fortification of staple foods with vitamin A for vitamin A deficiency. *Cochrane Database of Systematic Reviews* 2019, Issue 5. Art. No.: CD010068. DOI: 10.1002/14651858.CD010068.pub2.
9. **Peña-Rosas JP**¹, Mithra P, Unnikrishnan B, Kumar N, De-Regil LM, Nair NS, Garcia-Casal MN, Solon JA. Fortification of rice with vitamins and minerals for addressing micronutrient malnutrition. *Cochrane Database of Systematic Reviews* 2019, Issue 10. Art. No.: CD009902. DOI: 10.1002/14651858.CD009902.pub2.
10. Garcia-Casal MN, **Peña-Rosas JP**¹, De-Regil LM, Gwartz JA, Pasricha SR. Fortification of maize flour with iron for controlling anaemia and iron deficiency in populations. *Cochrane Database Syst Rev.* 2018 Dec 22;12:CD010187. doi: 10.1002/14651858.CD010187.pub2.
11. Garcia-Casal MN, Pasricha SR, Martinez RX, Lopez-Perez L, **Peña-Rosas JP**¹. Are current serum and plasma ferritin cut-offs for iron deficiency and overload accurate and reflecting iron status? A systematic review. *Arch Med Res.* 2018 Dec 17. pii: S0188-4409(18)30827-0. doi: 10.1016/j.arcmed.2018.12.005.

12. Tanjong Ghogomu E, Suresh S, Rayco-Solon P, Hossain A, McGowan J, **Peña-Rosas JP**, Welch V. Deworming in non-pregnant adolescent girls and adult women: a systematic review and meta-analysis. *Syst Rev*. 2018 Dec 20;7(1):239. doi: 10.1186/s13643-018-0859-6.
13. Finkelstein JL, Herman HS, Guetterman HM, **Peña-Rosas JP**, Mehta S. Daily iron supplementation for prevention or treatment of iron deficiency anaemia in infants, children, and adolescents (Protocol). *Cochrane Database of Systematic Reviews* 2018, Issue 12. Art. No.: CD013227. DOI: 10.1002/14651858.CD013227.
14. Garcia-Casal MN, **Peña-Rosas JP**, Urrechaga E, Escanero JF, Huo J, Martinez RX, Lopez-Perez L. Performance and comparability of laboratory methods for measuring ferritin concentrations in human serum or plasma: A systematic review and meta-analysis. *PLoS One*. 2018 May 3;13(5):e0196576. doi: 10.1371/journal.pone.0196576. eCollection 2018.
15. De-Regil LM, Jefferds MED, **Peña-Rosas JP**. Point-of-use fortification of foods with micronutrient powders containing iron in children of preschool and school-age. *Cochrane Database of Systematic Reviews* 2017, Issue 11. Art. No.: CD009666. DOI: 10.1002/14651858.CD009666.pub2.
16. Yu EA, Huey SL, **Peña-Rosas JP**, Mehta S. The effects of oral vitamin D supplementation on linear growth and non-communicable diseases among infants and children younger than five years of age (Protocol). *Cochrane Database of Systematic Reviews* 2017, Issue 11. Art. No.: CD012875. DOI: 10.1002/14651858.CD012875.
17. da Silva Lopes K, Ota E, Shakya P, Dagvadorj A, Omobolanle O, **Peña-Rosas JP**, De-Regil LM, Mori R. Effects of nutrition interventions during pregnancy on low birth weight: an overview of systematic reviews. *BMJ Global Health* Sep 2017, 2 (3) e000389; DOI: 10.1136/bmjgh-2017-000389
18. Gera T, **Peña-Rosas JP**, Boy-Mena E, Sachdev HS (2017) Lipid based nutrient supplements (LNS) for treatment of children (6 months to 59 months) with moderate acute malnutrition (MAM): A systematic review. *PLoS ONE* 12(9): e0182096. <https://doi.org/10.1371/journal.pone.0182096>
19. Daru J, Allotey J, **Peña-Rosas JP**, Khan KS. (2017) Serum ferritin thresholds for the diagnosis of iron deficiency in pregnancy: a systematic review. *Transfusion Med*. doi:10.1111/tme.12408
20. Colt S, Garcia-Casal MN, **Peña-Rosas JP**, Finkelstein JL, Rayco-Solon P, Weise Prinzo ZC, et al. (2017) Transmission of Zika virus through breast milk and other breastfeeding-related bodily-fluids: A systematic review. *PLoS Negl Trop Dis* 11(4): e0005528. doi:10.1371/journal.pntd.0005528
21. Harding KB, **Peña-Rosas JP**, Webster AC, Yap CM, Payne BA, Ota E, De-Regil LM. Iodine supplementation for women during the preconception, pregnancy and postpartum period. *Cochrane Database Syst Rev*. 2017 Mar 5;3:CD011761. doi: 10.1002/14651858.CD011761.pub2. Review
22. De-Regil LM, Palacios C, Lombardo LK, **Peña-Rosas JP**. Vitamin D supplementation for women during pregnancy. *Sao Paulo Med J*. 2016;134(3):274-5.
23. Shah D, Sachdev HS, Gera T, De-Regil LM, **Peña-Rosas JP**. Fortification of staple foods with zinc for improving zinc status and other health outcomes in the general population. *Cochrane Database of Systematic Reviews* 2016, Issue 6. Art. No.: CD010697.
24. De-Regil LM, Finkelstein JL, Sæterdal I, Gaitán D, **Peña-Rosas JP**. Fortification of wheat and maize flour with folic acid for population health outcomes (Protocol). *Cochrane Database of Systematic Reviews* 2016, Issue 4. Art. No.: CD012150. DOI: 10.1002/14651858.CD012150.

25. Garcia-Casal MN, **Peña-Rosas JP**, Moretti D, Hurrell D, Flores-Urrutia M, Boukerdenna H. Bioavailability of iron compounds for use in food fortification. PROSPERO 2015:CRD42015024693
26. Balogun O, Dagvadorj A, Rahman M, Ota E, Mori R, **Peña-Rosas JP**, De-Regil LM. Global, regional and national optimal gestational weight gain in pregnant women: a systematic review and meta-analysis. PROSPERO 2015:CRD42015016216
27. De-Regil LM, Palacios C, Lombardo LK, **Peña-Rosas JP**. Vitamin D supplementation for women during pregnancy. Cochrane Database of Systematic Reviews 2016, Issue 1.
28. De-Regil LM, **Peña-Rosas JP**, Fernández-Gaxiola AC, Rayco-Solon P. Effects and safety of periconceptual oral folate supplementation for preventing birth defects. Cochrane Database of Systematic Reviews 2015, Issue 12.
29. **Peña-Rosas JP**, De-Regil LM, Gomez Malave H, Flores-Urrutia MC, Dowswell T. Intermittent oral iron supplementation during pregnancy. Cochrane Database of Systematic Reviews 2015, Issue 10
30. **Peña-Rosas JP**¹, De-Regil LM, Garcia-Casal MN, Dowswell T. Daily oral iron supplementation during pregnancy. Cochrane Database of Systematic Reviews 2015, Issue 7.
31. Suchdev PS, **Peña-Rosas JP**, De-Regil LM. Multiple micronutrient powders for home (point-of-use) fortification of foods in pregnant women. Cochrane Database of Systematic Reviews 2015, Issue 10.
32. Land MA, Christoforou A, Downs S, Webster J, Billot L, Li M, **Peña-Rosas JP**, Neal B. Iodine fortification of foods and condiments, other than salt, for preventing iodine deficiency disorders. Cochrane Database of Systematic Reviews 2013, Issue 9. Art. No.: CD010734. DOI: 10.1002/14651858.CD010734.
33. **Peña-Rosas JP**¹, De-Regil LM, Dowswell T, Viteri FE. Daily iron supplementation during pregnancy. Cochrane Database of Systematic Reviews 2012; Issue 12
34. **Peña-Rosas JP**¹, De-Regil LM, Dowswell T, Viteri FE. Intermittent oral iron supplementation during pregnancy. Cochrane Database Syst Rev. 2012 Jul 11;7:CD009997
35. De-Regil LM, Jefferds MED, **Peña-Rosas JP**. Point-of-use fortification of foods with micronutrient powders containing iron in children of preschool and school age (protocol) Cochrane Database of Systematic Reviews 2012, Issue 2. Art. No.: CD009666. DOI: 10.1002/14651858.CD009666.
36. De-Regil LM, Palacios C, Ansary A, Kulier R, **Peña-Rosas JP**. Vitamin D supplementation for women during pregnancy. Cochrane Database of Systematic Reviews 2012, Issue 2. Art. No.: CD008873. DOI: 10.1002/14651858.CD008873.pub2.
37. Suchdev PS, De-Regil LM, Walleser S, Vist GE, **Peña-Rosas JP**. Multiple micronutrient powders for home (point of use) fortification of foods in pregnant women: a systematic review. WHO e-Library of Evidence for Nutrition Actions. Geneva, World Health Organization, 2011.
38. De-Regil LM, Suchdev PS, Vist GE, Walleser S, **Peña-Rosas JP**. Home fortification of foods with multiple micronutrient powders for health and nutrition in children under two years of age. Cochrane Database Syst Rev. 2011 Sep 7;9:CD008959.
39. Vist GE, Suchdev PS, De-Regil LM, Walleser S, **Peña-Rosas JP**. Home fortification of foods with multiple micronutrient powders for health and nutrition in children under 2 years of age [Protocol]. Cochrane Database of Systematic Reviews 2011, Issue 1. Art. No.: CD008959. DOI: 10.1002/14651858.CD008959.

40. De-Regil LM, Fernández-Gaxiola AC, **Peña-Rosas JP**. Effects and safety of periconceptional folate supplementation for preventing birth defects. *Cochrane Database of Systematic Reviews* 2010, Issue 10. Art. No.: CD007950. DOI: 10.1002/14651858.CD007950.pub2.
41. **Peña-Rosas JP**¹, Viteri FE. Effects of routine oral iron supplementation with or without folic acid for women during pregnancy. *Cochrane Database of Systematic Reviews* 2006, Issue 3. Art. No.: CD004736.
42. **Peña-Rosas JP**, Viteri FE, Mahomed K. Oral iron supplementation with or without folic acid for women during pregnancy. *The Cochrane Database of Systematic Reviews* 2004, Issue 2. Art. No.: CD004736.

Other peer-reviewed articles

1. Ohuma EO, Young MF, Martorell R, Cheikh Ismail L, **Peña-Rosas JP**, Purwar M, et al. International values for haemoglobin distributions in healthy pregnant women. *EClinicalMedicine*, 2020 ([https://www.thelancet.com/journals/eclinm/article/PIIS2589-5370\(20\)30404-1/fulltext](https://www.thelancet.com/journals/eclinm/article/PIIS2589-5370(20)30404-1/fulltext))
2. Palacios C, Hofmeyr GJ, Cormick G, Garcia-Casal MN, **Peña-Rosas JP**, Betran AP, Current calcium fortification experiences: a review. *Ann. N.Y. Acad. Sci.* 2020. doi:10.1111/nyas.14481
3. Tuncalp Ö, Rogers LM, Lawrie TA, Barreix M, **Peña-Rosas JP**, Bucagu M, et al. WHO recommendations on antenatal nutrition: an update on multiple micronutrient supplements. *BMJ Global Health* 2020;0:e003375. doi:10.1136/bmjgh-2020-003375
4. Cormick G, Betrán AP, Metz F, Palacios C, Beltrán-Velazquez F, García-Casal MN, **Peña-Rosas JP**, Hofmeyr GJ, Belizán JM. Regulatory and policy-related aspects of calcium fortification of foods. implications for implementing national strategies of calcium fortification. *Nutrients*. 2020;12(4):E1022. doi:10.3390/nu12041022
5. Thorson AE, Faeller M, Rayco-Solon P, Weise Prinzo Z, Souza JP, **Peña-Rosas JP**. Ebola virus disease and breastfeeding. *The Lancet*, 2020. doi: [https://doi.org/10.1016/S0140-6736\(19\)32967-8](https://doi.org/10.1016/S0140-6736(19)32967-8)
6. Thiagarajan JA, Araujo de Carvalho I, **Peña-Rosas JP**, Chadha S, Mariotti SP, Dua T, et al. Redesigning care for older people to preserve physical and mental capacity: WHO guidelines on community-level interventions in integrated care. *PLoS Med.* 2019 Oct 18;16(10):e1002948. doi: 10.1371/journal.pmed.1002948
7. Garcia-Casal MN, Pasricha SR, Sharma AJ, **Peña-Rosas JP**. Use and interpretation of hemoglobin concentrations for assessing anemia status in individuals and populations: results from a WHO technical meeting. *Ann N Y Acad Sci.* 2019 Aug;1450(1):5-14. doi: 10.1111/nyas.14090.
8. Zuber PLF, Moran AC, Chou D, et al. Mapping the landscape of global programmes to evaluate health interventions in pregnancy: the need for harmonised approaches, standards and tools. *BMJ Global Health* 2018;3:e001053.
9. Flores A, Turay K, Valencia D, Hillard CL, Sekkarie A, Zaganhor I, et al. Development and utility of a birth defects surveillance toolkit. *Journal of Global Health Perspectives*. 2018 Jun 14. Edition 1

10. Dedios MC, Esperato A, De-Regil LM, **Peña-Rosas JP**, Norris SL. Improving the adaptability of WHO evidence-informed guidelines for nutrition actions: results of a mixed methods evaluation. *Implement Sci*. 2017 Mar 21;12(1):39. doi: 10.1186/s13012-017-0571-2.
11. Tunçalp Ö, **Peña-Rosas JP**, Lawrie T, Bucagu M, Oladapo OT, Portela A, Gülmezoglu AM. WHO recommendations on antenatal care for a positive pregnancy experience - going beyond survival. *BJOG*. 2017
12. Montresor A, **Peña-Rosas JP**, Rayco-Solon P, Branca F, Norris SL, Biswas G. Viewpoint on the review by Savioli and colleagues on the 2017 WHO guideline on soil-transmitted helminth infections in at-risk population groups. *PLoS Negl Trop Dis*. 2018 Apr 26;12(4):e0006383.
13. Pasricha SR, Colman K, Centeno-Tablante E, Garcia-Casal MN, **Peña-Rosas JP**. Revisiting WHO haemoglobin thresholds to define anaemia in clinical medicine and public health. *Lancet Haematol*. 2018 Feb;5(2):e60-e62.
14. Codling K, Rudert C, Bégin F, **Peña-Rosas JP**. (2017). The legislative framework for salt iodization in Asia and the Pacific and its impact on programme implementation. *Public Health Nutrition*, 1-11. doi:10.1017/S1368980017001689
15. Muñoz M, **Peña-Rosas JP**, Robinson S, Milman N, Holzgreve W, Breyman C, Goffinet F, Nizard J, Christory F, Samama CM, Hardy JF. (2017), Patient blood management in obstetrics: management of anaemia and haematinic deficiencies in pregnancy and in the post-partum period: NATA consensus statement. *Transfusion Med*. doi:10.1111/tme.12443
16. de Masi S, Bucagu M, Tunçalp Ö, **Peña-Rosas JP**, Lawrie T, Oladapo OT, Gülmezoglu M. Integrated person-centered health care for all women during pregnancy: implementing World Health Organization recommendations on antenatal care for a positive pregnancy experience. *Glob Health Sci Pract*. 2017 Jun 27;5(2):197-201.
17. Garcia-Casal MN, **Peña-Rosas JP**, Giyose B. and consultation working groups, Staple crops biofortified with increased vitamins and minerals: considerations for a public health strategy. *Ann. N.Y. Acad. Sci.*;2016: doi:10.1111/nyas.13293
18. Garcia-Casal MN, **Peña-Rosas JP**, Mclean M, De-Regil LM, Zamora, G. and consultation working groups (2016), Fortification of condiments with micronutrients in public health: from proof of concept to scaling up. *Ann. N.Y. Acad. Sci.*. doi:10.1111/nyas.13185
19. García-Casal MN, **Peña-Rosas JP**, Gomez Malavé, H. (2016), Sauces, spices, and condiments: definitions, potential benefits, consumption patterns, and global markets. *Annals of the New York Academy of Sciences*. doi: 10.1111/nyas.13045
20. Garrett GS, Spohrer R, Neufeld L, Zimmerman S, Rowe LA, **Peña-Rosas JP**. Recommendations for food fortification programs. Technical Advisory Group report elaborating on the five recommendations from the #FutureFortified Global Summit on Food Fortification. (Report); Sight and Life: Basel; April 2016.
21. **Peña-Rosas JP**, Solon JA, Centeno Tablante E, Neufeld L, Gorstein J, Hurrell R, de Pee S. Summit recommendation 3: evidence and guidelines. Sight and Life: Basel; April 2016.
22. Hurlimann T, **Peña-Rosas JP**, Saxena A, Zamora G, Godard B. Ethical issues in the development and implementation of nutrition-related public health policies and interventions: A scoping review. *PLoS One*. 2017 Oct 26;12(10):e0186897. doi: 10.1371/journal.pone.0186897.
eCollection

23. Flores A, Valencia D, Sekkarie A, Hillard CL, Williams J, Groisman B, Botto LD, **Peña-Rosas JP**, Bauwens L, Mastroiacovo P. Building capacity for birth defects surveillance in Africa: Implementation of an intermediate birth defects surveillance workshop. *J Glob Health Perspect*. 2015.
24. Montresor A, **Peña-Rosas JP**. HCS, an affordable instrument to assess haemoglobin. *Lancet Glob Health*. 2016;4(4):e218.
25. Palacios C, De-Regil LM, Lombardo LK, **Peña-Rosas JP**. Vitamin D supplementation during pregnancy: Updated meta-analysis on maternal outcomes. *J Steroid Biochem Mol Biol*. 2016
26. Schoenmakers I, Pettifor JM, **Peña-Rosas JP**, Christel Lamberg-Allardt, Shaw N, Jones, et al. Prevention and consequences of vitamin D deficiency in pregnant and lactating women and children: A symposium to prioritise vitamin D on the global agenda, *Journal of Steroid Biochemistry and Molecular Biology* <http://dx.doi.org/10.1016/j.jsbmb.2015.11.004>
27. Zamora G, Meneses D, De-Regil LM, Neufeld L, **Peña-Rosas JP**, Sinisterra O. Considerations on the development of nutrition-related guidelines by the World Health Organization and their implementation. *Arch Latinoam Nutr* 2015;65(1);1-11
28. Anzola M, **Peña-Rosas JP**. World Health Organization global targets for improved maternal, infant and child nutrition (In Spanish). *An Venez Nutr* 2014;27 (1):26-30.
29. Zamora G, Lutter, CK, & Pena-Rosas, JP. Using an equity lens in the implementation of interventions to protect, promote, and support optimal breastfeeding practices. *Journal of Human Lactation*, 2015.31(1), 21-25. <https://doi.org/10.1177/0890334414561477>
30. Garcia-Casal MN, **Peña-Rosas JP**, Pasricha SR. Rethinking ferritin cutoffs for iron deficiency and overload. *Lancet Haematol*. 2014;1(3):e92-e94. doi:10.1016/S2352-3026(14)00025-8
31. De Moura FF, Palmer AC, Finkelstein JL, Haas JD, Murray-Kolb LE, Wenger MJ, Birol E, Boy E, **Peña-Rosas JP**. Are biofortified staple food crops improving vitamin A and iron status in women and children? new evidence from efficacy trials. *Adv Nutr* 2014 vol. 5: 568-570.
32. De-Regil LM, **Peña-Rosas JP**, Lailou A, Moench-Pfanner R. Considerations for rice fortification in public health: conclusions of a technical consultation. *Ann N Y Acad Sci*. 2014;1324:1-6. doi:10.1111/nyas.12539 García-Casal MN, Landaeta M, Adrianza de Baptista G, Murillo C, Rincón M, Bou Rached L, Bilbao A, Anderson H, García D, Franquiz J, Puche R, García O, Quintero Y, **Peña-Rosas JP**. Reference values of iron, iodine, zinc, selenium, copper, molybdenum, vitamin C, vitamin E, vitamin K, carotenoids and polyphenols for the Venezuelan population (in Spanish). *Archivos Latinoamericanos de Nutricion* 2013;63(4):338-360.
33. Technical considerations for maize flour and corn meal fortification in public health. Eds **Juan Pablo Peña-Rosas** (World Health Organization, Geneva, Switzerland), Maria Nieves Garcia-Casal (Venezuelan Institute for Scientific Research, Caracas, Venezuela), and Helena Pachón (Flour Fortification Initiative and Emory University, Atlanta, Georgia, USA). Volume 1312. New York, Wiley & Sons Inc. 112 Pages, 10 Papers.
34. **Peña-Rosas JP**, Garcia-Casal MN, Pachon H, Mclean MS, Arabi M. Technical considerations for maize flour and corn meal fortification in public health: consultation rationale and summary. *Annals of the New York Academy of Sciences*. doi: 10.1111/nyas.12434
35. Ranum P, **Peña-Rosas JP**. Garcia-Casal, M. N. (2014), Global maize production, utilization, and consumption. *Annals of the New York Academy of Sciences*. doi: 10.1111/nyas.12396

36. Lutter CK, **Peña-Rosas JP**, Pérez-Escamilla R. Maternal and child nutrition. *The Lancet* - 9 November 2013 (Vol. 382, Issue 9904, Pages 1550-1551) DOI
37. Jennings Aburto N, Rogers L, De-Regil LM, Kuruchittham V, Rob G, Arif R, **Peña-Rosas JP**. An evaluation of a global vitamin and mineral nutrition surveillance system. *Archivos Latinoamericanos de Nutrición* 2013;63(2):105--13.
38. De-Regil LM, **Peña-Rosas JP**, Rogers LM, Rob G, The upgrade and expansion of the Vitamin and Mineral Nutrition Information System (VMNIS). *Ann Nutr Metab* 2013;63(suppl 1):1–1960.
39. Neufeld LM, Jalal CSB, **Peña-Rosas JP**, Tovey D, Lutter CK, Stoltzfus RJ, Habicht JP. The WHO evidence-informed guideline development process and implications for vitamin and mineral research priorities: symposium rationale and summary. *Adv Nutr* 2013;4 557-559
40. Stevens GA, Finucane MM, De-Regil LM, Paciorek CJ, Flaxman SR, Branca F, **Peña-Rosas JP**, Bhutta ZA, Ezzati M; Nutrition Impact Model Study Group (Anaemia). Global, regional, and national trends in haemoglobin concentration and prevalence of total and severe anaemia in children and pregnant and non-pregnant women for 1995-2011: a systematic analysis of population-representative data. *Lancet Glob Health*. 2013 Jul;1(1):e16-25. doi: 10.1016/S2214-109X(13)70001-9. Epub 2013 Jun 25. PMID: 25103581; PMCID: PMC4547326.
41. Harper R, Lewin S, Claire Glenton C, **Peña-Rosas JP**. Completeness of reporting of setting and health worker cadre among trials on antenatal iron and folic acid supplementation in pregnancy: an assessment based on two Cochrane reviews. *Systematic Reviews* 2013, 2:42 doi:10.1186/2046-4053-2-42
42. **Peña-Rosas JP**, De-Regil LM, Rogers LM, Bopardikar A, Panisset U. Translating research into action: WHO evidence-informed guidelines for safe and effective micronutrient interventions. *Journal of Nutrition*. 2012. doi: 10.3945/jn.111.138834.
43. Wong EM, Sullivan KM, Perrine CG, Rogers LM, **Peña-Rosas JP**. Comparison of median urinary iodine concentration as an indicator of iodine status among pregnant women, school-age children, and nonpregnant women. *Food & Nutrition Bulletin*, 2011. Volume 32, Number 3, September, pp. 206-212(7).
44. Serdula M, **Peña-Rosas JP**, Maberly GF, Aburto NJ, Perrine CG, Mei Z. (eds) Flour fortification with iron, folic acid, vitamin B12, vitamin A, and zinc: Proceedings of the Second Technical Workshop on Wheat Flour Fortification. *Food and Nutrition Bulletin*, 2010. vol. 31, no. 1 (supplement). United Nations University Press.
45. Palacios C, **Peña-Rosas JP**. Calcium supplementation during pregnancy for preventing hypertensive disorders and related problems: RHL commentary (last revised: 1 February 2010). *The WHO Reproductive Health Library*; Geneva: World Health Organization.
46. Aburto NJ, Maberly G, Grummer-Strawn L, **Peña-Rosas JP**, Serdula M, Tyler VK, Berry RJ, Mulinare J, Parvanta I. Trends in wheat flour fortification with folic acid and iron worldwide, 2004 to 2007. *MMWR* 2008; 57(1):8-10.
47. **Peña-Rosas JP**, Sinclair BM. Wheat flour fortification for prevention and control of iron deficiency anemia in Latin America: Issues to consider in a systematic evaluation. *Rev Med Minas Gerais* 2007;(1/2 Supl 1):S66-S73.

48. **Peña-Rosas JP**, Parvanta I, Van der Haar F, Chapel T. Monitoring and evaluation in flour fortification programs: considerations for the design and implementation of feasible and effective systems. *Nutr Reviews*, 2007.
49. **Peña-Rosas JP**, Casanueva E. Pregnant women benefit from calcium supplementation, but practical considerations remain. In: Young T. *Cochrane Column*. *International Journal of Epidemiology*. 2007
50. **Peña-Rosas JP**, Casanueva E. Calcium supplementation during pregnancy for preventing hypertensive disorders and related problems. *Reproductive Health Library commentary*. Number 10, 2007
51. Alvarez-Perez J, **Peña-Rosas JP**. Dietary fiber: effects over glycemic control and fats and carbohydrates metabolism. (Spanish). *Rev Esp Nutr Comunitaria* 2007, 13(1):30-39
52. **Peña-Rosas JP**, Nesheim MC, Garcia-Casal MN, Crompton DWT, Sanjur D, Viteri FE, Frongillo EA & Lorenzana P. Intermittent iron supplementation regimens are able to maintain safe maternal hemoglobin concentrations during pregnancy in Venezuela.. *J Nutr*. 2004.134: 1099-1104.
53. García-Casal MN, Layrisse M, **Peña-Rosas JP**, Ramírez J, Leets I, & Matus P. Iron absorption from reduced iron-fortified corn flakes in humans. Role of vitamins A and C. *Nutrition Research*, 2003.23: 451-463,.
54. **Peña-Rosas JP**, Rickard S, Cho SungSoo. Wheat bran and breast cancer: revisiting the estrogen hypothesis [In Spanish]. *Arch Latinoam Nutr*. 1999. Vol. 49, No. 4,.

BOOKS AND BOOK CHAPTERS

1. De-Regil LM, **Peña-Rosas JP**, Garcia-Casal MN. Nutritional anaemias (Spanish). In: *Nutriologia Medica*, 4th edition, 2015 Eds: Martha Kaufer-Horwitz, Ana Bertha Pérez-Lizaur and Pedro Arroyo. Editorial Panamericana: Mexico City: 2015, 920 pages.
2. Sanjur D, **Peña-Rosas JP**, Rodriguez M, Ortega MI, Del Real, S, Conde E, Colon-Vega E, Rivera W & Bushart S. U.S. Hispanic/Latino Foods and Mixed Dishes Nutrient Data Bank. Community Nutrition Program. Division of Nutritional Sciences, Cornell University, Ithaca NY 1997: 222 pages.
3. **Peña-Rosas JP**. Effect of a weekly and twice weekly iron supplementation on maternal iron status during pregnancy in areas endemic of helminthic infections. Doctoral Thesis. Cornell University: Ithaca, NY 1997.
4. **Peña-Rosas JP**, Ariza-Macías J, Suarez E. Nutritional Assessment of a group of adult male patients with HIV infection and AIDS at an HIV Clinic at the Latin American Center for Sexually Transmitted Diseases in Rio Piedras, Puerto Rico. Master's Thesis. December 1992.
5. Ariza-Macías J, **Peña-Rosas JP**. "Diet and Health in Puerto Rico" In: *Dieta y Salud en Latinoamérica y el Caribe*. RORIAN Network. Graduate School of Public Health. University of Puerto Rico. 1993.

WHO AND OTHER INSTITUTIONAL PUBLICATIONS

1. FAO, IFAD, UNICEF, WFP and WHO. 2021. The State of Food Security and Nutrition in the World 2021. Transforming food systems for food security, improved nutrition and affordable healthy diets for all. Rome, FAO. <https://doi.org/10.4060/cb4474en>
2. World Health Organization. (2021). Guideline: infant feeding in areas of Zika virus transmission, 2nd ed. World Health Organization. <https://apps.who.int/iris/handle/10665/341810>. License: CC BY-NC-SA 3.0 IGO
3. World Health Organization. (2021). WHO guideline on the dairy protein content in ready-to-use therapeutic foods for treatment of uncomplicated severe acute malnutrition. World Health Organization. <https://apps.who.int/iris/handle/10665/340686>. License: CC BY-NC-SA 3.0 IGO
4. World Health Organization, Centers for Disease Control and Prevention (U.S.) & International Clearinghouse for Birth Defects Monitoring Systems. (2020). Birth defects surveillance: a manual for programme managers, 2nd ed. World Health Organization. <https://apps.who.int/iris/handle/10665/337425>. License: CC BY-NC-SA 3.0 IGO
5. World Health Organization, Centers for Disease Control and Prevention (U.S.) & International Clearinghouse for Birth Defects Monitoring Systems. (2020). Birth defects surveillance: quick reference handbook of selected congenital anomalies and infections. World Health Organization. <https://apps.who.int/iris/handle/10665/338485>. License: CC BY-NC-SA 3.0 IGO
6. World Health Organization. (2020). Decade of healthy ageing: baseline report. World Health Organization. <https://apps.who.int/iris/handle/10665/338677>. License: <https://creativecommons.org/licenses/by-nc-sa/3.0/igo>
7. WHO. Micronutrient survey manual. Geneva: World Health Organization; 2020. <https://apps.who.int/iris/handle/10665/336010>. License: CC BY-NC-SA 3.0 IGO
8. WHO. Serum ferritin concentrations for the assessment of iron status in individuals and populations: Technical brief. Geneva: World Health Organization; 2020. ISBN 978-92-4-000853-3
9. WHO antenatal care recommendations for a positive pregnancy experience. Nutritional interventions update: Multiple micronutrient supplements during pregnancy. Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO.
10. WHO antenatal care recommendations for a positive pregnancy experience. Nutritional interventions update: Vitamin D supplements during pregnancy. Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO.
11. WHO recommendation on calcium supplementation before pregnancy for the prevention of pre-eclampsia and its complications. Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO.
12. WHO guideline on use of ferritin concentrations to assess iron status in individuals and populations. Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO.
13. Guidelines for the management of pregnant and breastfeeding women in the context of Ebola virus disease. Geneva: World Health Organization; 2020. Licence: CC BY-NC-SA 3.0 IGO
14. Technical note: quality and regulatory considerations for the use of vitamin A supplements in public health programmes for infants and children aged 6–59 months. Geneva: World Health Organization; 2019. Licence: CC BY-NC-SA 3.0 IGO.
15. WHO. Nutritional rickets: a review of disease burden, causes, diagnosis, prevention and treatment. Geneva: World Health Organization; 2019. Licence: CC BY-NC-SA 3.0 IGO.

16. Nutrition in universal health coverage. Geneva: World Health Organization; 2019 (WHO/NMH/NHD/19.24). Licence: CC BY-NC-SA 3.0 IGO.
17. WHO. Integrated care for older people (ICOPE): Guidance for person-centred assessment and pathways in primary care. Geneva: World Health Organization; 2019 (WHO/FWC/ALC/19.1). Licence: CC BY-NC-SA 3.0 IGO
18. WHO. Integrated care for older people (ICOPE) implementation framework: guidance for systems and services. Geneva: World Health Organization; 2019. Licence: CC BY-NC-SA 3.0 IGO.
19. WHO. Essential nutrition actions: mainstreaming nutrition through the life-course. Geneva: World Health Organization; 2019. Licence: CC BY-NC-SA 3.0 IGO
20. WHO technical consultation: Nutrition-related products and the World Health Organization Model List of Essential Medicines – practical considerations and feasibility, Geneva, Switzerland, 20–21 September 2018. Meeting report. (WHO/NMH/NHD/19.1). Geneva: World Health Organization; 2019. Licence: CC BY-NC-SA 3.0 IGO.
21. Guideline: counselling of women to improve breastfeeding practices. Geneva: World Health Organization; 2018. Licence: CC BY-NC-SA 3.0 IGO.
22. WHO recommendation: calcium supplementation during pregnancy for prevention of pre-eclampsia and its complications. Geneva: World Health Organization; 2018. Licence: CC BY-NC-SA 3.0 IGO.
23. WHO recommendations on home-based records for maternal, newborn and child health. Geneva: World Health Organization; 2018. Licence: CC BY-NC-SA 3.0 IGO.
24. WHO. Weekly iron and folic acid supplementation as an anaemia-prevention strategy in women and adolescent girls: lessons learnt from implementation of programmes among non-pregnant women of reproductive age. Geneva: World Health Organization; 2018 (WHO/NMH/NHD/18.8). Licence: CC BY-NC-SA 3.0 IGO.
25. WHO/UNICEF. HIV and infant feeding in emergencies: operational guidance. Geneva: World Health Organization; 2018. Licence: CC BY-NC-SA 3.0 IGO.
26. WHO. Guideline: fortification of rice with vitamins and minerals as a public health strategy. Geneva: World Health Organization; 2018. Licence: CC BY-NC-SA 3.0 IGO.
27. WHO. Evidence-informed guideline development for World Health Organization nutrition-related normative work: continuous quality improvement for efficiency and impact. World Health Organization; 2018 (WHO/NMH/NHD/18.1). Licence CC BY-NC-SA 3.0 IGO.
28. WHO. Implementation guidance: protecting, promoting and supporting breastfeeding in facilities providing maternity and newborn services – the revised Baby-friendly Hospital Initiative. Geneva: World Health Organization; 2018. Licence: CC BY-NC-SA 3.0 IGO.
29. WHO. Guideline: implementing effective actions for improving adolescent nutrition. Geneva: World Health Organization; 2018. Licence: CC BY-NC-SA 3.0 IGO.
30. WHO. Reducing stunting in children: equity considerations for achieving the Global Nutrition Targets 2025. Geneva: World Health Organization; 2018. Licence: CC BY-NC-SA 3.0 IGO.
31. WHO. Iodine thyroid blocking: guidelines for use in planning for and responding to radiological and nuclear emergencies. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.
32. WHO. Nutritional anaemias: tools for effective prevention and control. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.

33. WHO. Guideline: protecting, promoting and supporting breastfeeding in facilities providing maternity and newborn services. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO
34. WHO. Integrated care for older people: guidelines on community-level interventions to manage declines in intrinsic capacity. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.
35. WHO. Global Accelerated Action for the Health of Adolescents (AA-HA!): guidance to support country implementation. Summary. Geneva: World Health Organization; 2017 (WHO/FWC/MCA/17.05). Licence: CC BY-NC-SA 3.0 IGO.
36. WHO. Guideline: assessing and managing children at primary health-care facilities to prevent overweight and obesity in the context of the double burden of malnutrition. Updates for the Integrated Management of Childhood Illness (IMCI). Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.
37. WHO. Guideline: preventive chemotherapy to control soil-transmitted helminth infections in at-risk population groups. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.
38. WHO. Ambition and Action in Nutrition 2016-2025. Geneva: World Health Organization; 2017
39. WHO. Double-duty actions. Policy brief. Geneva: World Health Organization; 2017.
40. WHO. The double burden of malnutrition. Policy brief. Geneva: World Health Organization; 2017
41. WHO. Integrated care for older people: guidelines on community-level interventions to manage declines in intrinsic capacity. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.
42. WHO. Guideline: use of multiple micronutrient powders for point-of-use fortification of foods consumed by infants and young children aged 6–23 months and children aged 2–12 years. Geneva: World Health Organization; 2016. Licence: CC BY-NC-SA 3.0 IGO
43. WHO. Guideline: fortification of maize flour and corn meal with vitamins and minerals. Geneva: World Health Organization; 2016. Licence: CC BY-NC-SA 3.0 IGO.
44. WHO recommendations on antenatal care for a positive pregnancy experience. Geneva: World Health Organization, 2016.
45. WHO. Guideline: daily iron supplementation in postpartum women. Geneva: World Health Organization, 2016.
46. WHO. Guideline: infant feeding in areas of Zika virus transmission. Geneva: World Health Organization; 2016.
47. WHO. Guideline: Daily iron supplementation in adult women and adolescent girls. Geneva: World Health Organization; 2016.
48. WHO. Guideline: Daily iron supplementation in infants and children. Geneva: World Health Organization; 2016.
49. WHO. Guideline: Use of multiple micronutrient powders for point-of-use fortification of foods consumed by pregnant women. Geneva: World Health Organization; 2016.
50. WHO. The global prevalence of anaemia in 2011. Geneva: World Health Organization; 2015.
51. WHO/CDC/ICBDSR. Birth defects surveillance training: facilitator's guide. Geneva: World Health Organization; 2015.

52. WHO. Serum and red blood cell folate concentrations for assessing folate status in populations. Vitamin and Mineral Nutrition Information System. Geneva: World Health Organization; 2015
53. Roll Back Malaria Partnership Malaria in Pregnancy Working Group: Consensus Statement on folic acid supplementation during pregnancy. Geneva; 2015.
54. WHO. Guideline: Optimal serum and red blood cell folate concentrations in women of reproductive age for prevention of neural tube defects. Geneva: World Health Organization; 2015.
55. WHO/UNICEF. Breastfeeding advocacy initiative: for the best start in life. WHO/NMH/NHD/15.1. Geneva: World Health Organization 2015.
56. WHO. Global nutrition targets 2025: low birth weight policy brief. Geneva: World Health Organization; 2014.
57. WHO. Global nutrition targets 2025: anaemia policy brief. Geneva: World Health Organization; 2014.
58. WHO/UNICEF. Global nutrition targets 202: breastfeeding policy brief. Geneva: World Health Organization; 2014.
59. WHO. Global nutrition targets 2025: policy brief series. Geneva: World Health Organization; 2014.
60. WHO. C-reactive protein concentrations as a marker of inflammation or infection for interpreting biomarkers of micronutrient status. Vitamin and Mineral Nutrition Information System. Geneva: World Health Organization; 2014.
61. WHO. Goitre as a determinant of the prevalence and severity of iodine deficiency disorders in populations. Vitamin and Mineral Nutrition Information System. Geneva: World Health Organization; 2014.
62. WHO. Serum transferrin receptor levels for the assessment of iron status and iron deficiency in populations. Vitamin and Mineral Nutrition Information System. Geneva: World Health Organization; 2014.
63. WHO. Xerophthalmia and night blindness for the assessment of clinical vitamin A deficiency in individuals and populations. Vitamin and Mineral Nutrition Information System. Geneva: World Health Organization; 2014.
64. WHO. Guideline: delayed umbilical cord clamping for maternal and infant health and nutrition outcomes. Geneva: World Health Organization; 2014.
65. WHO/UNICEF/WFP. Interim guideline: Nutritional care of adults and children with Ebola virus disease in treatment centers. Geneva: World Health Organization; 2014.
66. WHO. Guideline: fortification of food-grade salt with iodine for the prevention and control of iodine deficiency disorders. Geneva: World Health Organization; 2014.
67. WHO/CDC/ICBDSR Birth defects surveillance: atlas of selected congenital anomalies. Geneva: World Health Organization; 2014.
68. WHO/CDC. Methodological approaches to estimating global and regional prevalences of vitamin and mineral deficiencies. Report on the Joint World Health Organization/US Centers for Disease Control and Prevention Technical Consultation. Atlanta, USA, 7–9 December 2010. Geneva: World Health Organization; 2014.
69. WHO/CDC/ICBDSR Birth defects surveillance. Manual for public health managers. Geneva: World Health Organization; 2014.

70. WHO. Evidence and Programme Guidance Biennium 2012 2013 Report. Geneva: World Health Organization; 2014.
71. WHO. Salt reduction and iodine fortification strategies in public health: report of a joint technical meeting convened by the World Health Organization and The George Institute for Global Health in collaboration with the International Council for the Control of Iodine Deficiency Disorders Global Network, Sydney, Australia, March 2013. Geneva: World Health Organization 2014.
72. WHO. Guideline: Updates on the management of severe acute malnutrition in infants and children. Geneva: World Health Organization; 2013.
73. WHO. Guideline: Nutritional care and support for patients with tuberculosis. Geneva, World Health Organization, 2013.
74. WHO. Urinary iodine concentrations for determining iodine status deficiency in populations. Vitamin and Mineral Nutrition Information System. Geneva: World Health Organization; 2013
75. WHO. Use of systematic reviews of the evidence in public health nutrition. Proceedings of an informal consultation held 18 October, 2011 in Geneva, Switzerland. Geneva, World Health Organization, 2013.
76. WHO. Country implementation of the International Code of Marketing of Breast-milk Substitutes: Status Report 2011. Geneva, World Health Organization, 2013.
77. WHO. Guideline: Calcium supplementation in pregnant women. Geneva, World Health Organization 2013
78. WHO. Guideline: Vitamin D supplementation in pregnant women. Geneva, World Health Organization 2012
79. WHO. Report: Priorities in the assessment of vitamin A and iron status in populations, Panama City, Panama, 15–17 September 2010. Geneva, World Health Organization, 2012.
80. WHO. Guideline: Daily iron and folic acid supplementation in pregnant women. Geneva, World Health Organization, 2012.
81. WHO. Optimizing health worker roles for maternal and newborn health. World Health Organization, 2012.
82. WHO. Technical note: supplementary foods for the management of moderate acute malnutrition in infants and children 6–59 months of age. Geneva, World Health Organization, 2012.
83. WHO. Serum and red blood cell folate concentrations for assessing folate status in populations. Vitamin and Mineral Nutrition Information System. Geneva, World Health Organization, 2012 (in all 6 official WHO languages)
84. WHO/CDC. Logic model for micronutrient interventions in public health. Vitamin and Mineral Nutrition Information System. Geneva, World Health Organization, 2011 (in all 6 official WHO languages)
85. WHO. Haemoglobin concentrations for the diagnosis of anaemia and assessment of severity. Vitamin and Mineral Nutrition Information System. Geneva, World Health Organization, 2011. (in all 6 official WHO languages)
86. WHO. Serum ferritin concentrations for the assessment of iron status and iron deficiency in populations. Vitamin and Mineral Nutrition Information System. Geneva, World Health Organization, 2011 (in all 6 official WHO languages)

87. WHO. Serum retinol concentrations for determining the prevalence of vitamin A deficiency in populations. Vitamin and Mineral Nutrition Information System. Geneva, World Health Organization, 2011 (in all 6 official WHO languages)
88. WHO. Guideline: Neonatal vitamin A supplementation Geneva, World Health Organization, 2011.(in all 6 official WHO languages)
89. WHO. Guideline: Vitamin A supplementation in infants 1–5 months of age. Geneva, World Health Organization, 2011.(in all 6 official WHO languages)
90. WHO. Guideline: Vitamin A supplementation in infants and children 6–59 months of age. Geneva, World Health Organization, 2011.(in all 6 official WHO languages)
91. WHO. Guideline: Vitamin A supplementation in pregnant women. Geneva, World Health Organization, 2011.(in all 6 official WHO languages)
92. WHO. Guideline: Vitamin A supplementation in postpartum women. World Health Organization, 2011.(in all 6 official WHO languages)
93. WHO. Guideline: Vitamin A supplementation in pregnancy for reducing the risk of mother-to-child transmission of HIV. Geneva, World Health Organization, 2011.(in all 6 official WHO languages)
94. WHO. Guideline: Intermittent iron supplementation in preschool and school-age children. Geneva, World Health Organization, 2011.
95. WHO. Guideline: Intermittent iron and folic acid supplementation in menstruating women. Geneva, World Health Organization, 2011.
96. WHO. Guideline: Use of multiple micronutrient powders for home fortification of foods consumed by infants and children 6–23 months of age. Geneva, World Health Organization, 2011.
97. WHO. Guideline: Use of multiple micronutrient powders for home fortification of foods consumed by pregnant women. Geneva, World Health Organization, 2011.
98. WHO recommendations for prevention and treatment of pre-eclampsia and eclampsia. Geneva, World Health Organization, 2011.
99. WHO. Estimating appropriate levels of vitamins and minerals for food fortification programmes: The WHO Intake Monitoring, Assessment and Planning Program (IMAPP): meeting report. Geneva, World Health Organization, 2010
100. WHO. Technical consultation on neonatal vitamin A supplementation research priorities: meeting report. Geneva, World Health Organization, 2009
101. WHO, FAO, UNICEF, GAIN, MI, & FFI. Recommendations on wheat and maize flour fortification. Meeting Report: Interim Consensus Statement. Geneva, World Health Organization, 2009 (in all 6 official WHO languages)
102. WHO. Weekly iron–folic acid supplementation (WIFS) in women of reproductive age: its role in promoting optimal maternal and child health. Position statement. Geneva, World Health Organization, 2009 (in all 6 official WHO languages)

OTHER PUBLICATIONS

1. Abarca MA, Ayala Perez Y, Suarez Rangel G, Cardenas V, Moran MT, Quintero P, **Peña-Rosas JP**. Vigilancia Centinela Nutricional en los Departamentos de Ahuachapan, Morazan, Sansonate y Cuscatlan, El Salvador, 2003-2004. [Sentinel Nutritional Surveillance in the Departments of

Ahuachapan, Morazan, Sansonate and Cuscatlan, El Salvador, 2003-2004]. Ministerio de Salud Pública y Asistencia Social. San Salvador. March 2004.

2. **Peña-Rosas JP**. Fibra y Diabetes [Fiber and Diabetes]. In: Enciclopedia de la Fibra. Edited by Garcia-Obregon OP. Kellogg de Mexico SA de CV. Queretaro, Mexico, 2002.
3. **Peña-Rosas JP**. El Nacional en el Aula. Monthly nutrition education series at national newspaper El Nacional. Caracas, Venezuela, in collaboration with Fundacion Bengoa and Fundacion CENAMEC. September 1997 to December 2002.
4. Kellogg's Latin America website www.kelloggs-nutricion.com focusing in nutrition marketing and positioning it as a reference for nutrition professionals and consumers. 1997.
5. Kellogg's Venezuela website, nutrition marketing and product information. www.kelloggs.com.ve 1999.
6. Dieta y Salud Newsletter (Editor). Sponsored by Kellogg's Latin America, Department of Nutrition and Scientific Affairs, from 1997 until 2002.
7. Consumers and health professionals' brochures and educational materials. 1997-2002.

SOME POSTERS, PRESENTATIONS AND ABSTRACTS

1. Garcia-Casal MN, Pasricha SR, **Peña-Rosas JP**, Colman K, Centeno-Tablante E. WHO hemoglobin thresholds to define anemia in clinical medicine and public health: a scoping exercise, *Curr Dev Nutr*. 2020 May 29;4(Suppl 2):189.
2. Gannon B, Herrmann R, Sinha A, Ghezzi-Kopel K, Rogers L, Garcia-Casal MN, et al. The accuracy of dried blood spots compared to plasma or serum retinol for the diagnosis of vitamin A deficiency: a DTA systematic review and meta-analysis. *Curr Dev Nutr*. 2020 May 29;4(Suppl 2): 106
3. Medina-Rivera M, Centeno-Tablante E, Finkelstein J, **Peña-Rosas JP**, Garcia-Casal MN, Rogers L, et al. Presence of Ebola virus in breast milk and its risk of transmission to breastfeeding infants: synthesis of evidence. *Curr Dev Nutr*. 2020 May 29;4(Suppl 2):1036.
4. Garcia-Casal MN, **Peña-Rosas JP**, Urrechaga E, Escanero JF, Huo J, Martinez RX, Lopez-Perez L. Performance and comparability of laboratory methods for measuring ferritin concentrations in human serum or plasma: a systematic review and meta-analysis. Abstract ID: 415495. 006 - Biomarkers of Nutrient Function and Disease. Nutrition 2018 - American Society for Nutrition's Annual Meeting.
5. Cassano P, **Peña-Rosas J**, Stover P, Rayco-Solon P, Cuervo LG. The Summer Institute for Systematic Reviews in Nutrition for global policy making. Abstracts of the Global Evidence Summit, Cape Town, South Africa. *Cochrane Database of Systematic Reviews* 2017, Issue 9 (Suppl 2). [dx.doi.org/10.1002/14651858.CD201702](https://doi.org/10.1002/14651858.CD201702)
6. Dedios MC, Esperato A, De-Regil LM, **Peña Rosas JP**, Norris S. A mixed-methods evaluation to improve the adaptability of WHO evidence-informed guidelines for nutrition actions. Abstracts of the Global Evidence Summit, Cape Town, South Africa. *Cochrane Database of Systematic Reviews* 2017, Issue 9 (Suppl 2). [dx.doi.org/10.1002/14651858.CD201702](https://doi.org/10.1002/14651858.CD201702).
7. De-Regil LM, **Peña-Rosas JP**. Genomics and public policy: concentrations of erythrocyte folate in women of reproductive age (Spanish). WHO/IMEGEN Symposium: the role of genetic diversity in nutrition and public policy. *Arch Latinoam Nutr* 2015; 65: (Suppl 1):54.

8. Zamora G, Flores-Urrutia MC, **Peña-Rosas JP**. Comprehensive implementation plan on maternal, infant and child nutrition: addressing the social determinants of health to promote an approach to equity (Spanish). Symposium: equity in access and implementation of nutrition interventions: moving towards the global targets 2025. Arch Latinoam Nutr 2015; 65: (Suppl 1):64.
9. **Peña-Rosas JP**, Estévez D, García-Casal MN. Use of evidence in the development of global guidelines of the World Health Organization for the fortification of food-grade salt with iodine. Symposium: fortification of salt with micronutrients in the framework of the strategy for the reduction of salt consumption in Latin America (Spanish). Arch Latinoam Nutr 2015; 65: (Suppl 1):83.
10. **Peña-Rosas JP**, Flores Urrutia MC, García-Casal MN. New guidelines from the World Health Organization on food fortification and its impact on public health (Spanish). WHO/CDC Symposium: new global guidelines and tools for food fortification programs. Arch Latinoam Nutr 2015; 65: (Suppl 1):126.
11. **Peña-Rosas JP**, Cuervo LG, De-Regil LM, Aburto N, García-Casal MN. First multidisciplinary training programme on nutrition policies for sustainable development (Spanish). Symposium: multidisciplinary training programme on nutrition policies for sustainable development. Arch Latinoam Nutr 2015; 65: (Suppl 1):152.
12. Payne B, **Peña-Rosas JP**, Estévez M, Flores-Urrutia MC. Negotiation and decision making in global nutrition policy: Governance of the World Health Organization. Symposium: multidisciplinary training programme on nutrition policies for sustainable development. Arch Latinoam Nutr 2015;65: (Suppl 1):155.
13. Branca F, Boukerdenna H, **Peña-Rosas JP**. CO315. Prevention and management of conflict of interest in the development and implementation of nutrition programmes. Arch Latinoam Nutr 2015;65: (Suppl 2):273.
14. De-Regil LM, **Peña-Rosas JP**, Flores-Ayala R, Jefferds ME. WHO/CDC logic model for micronutrient interventions in public health FASEB J March 17, 2011 25:108.1
15. **Peña-Rosas JP**, Rogers LM, De-Regil LM, Bopardikar A, Panisset U. WHO from Research to Action: Developing evidence-informed guidelines and policies for interventions in vitamin and mineral nutrition. Evidence in multiple micronutrient nutrition: from history to science to effective programs. Public Health Nutrition. 2010 Sept;13(9A):17.
16. Rogers L, Wojdyla D, West Jr K, de Benoist B, **Peña-Rosas JP**. Global prevalence of vitamin A deficiency in populations at risk. Abstract TU01. Micronutrients, Health and Development: Evidence-based Programs. Micronutrient Forum. Beijing China, May 12-15, 2009.
17. **Peña-Rosas JP**, Viteri FE. Effects of routine oral iron supplementation with or without folic acid during pregnancy: an updated systematic review. Abstract 1163. Experimental Biology 2008. San Diego California, USA.
18. Mulinare J, Parvanta I, **Peña-Rosas JP**. Neural Tube Defects Monitoring in Flour Fortification Programs: A Feasible Framework to Assess Impact in Developing Countries. 3rd International Conference on Birth Defects & Disabilities in the Developing World. Platform Presentation. Rio de Janeiro, June 17-21, 2007.

19. **Peña-Rosas JP**, Viteri FE. Effects of routine iron supplementation with or without folic acid for women during pregnancy: a systematic review. Poster. Abstract M44. Micronutrient Forum, Istanbul, Turkey April 16-18, 2007.
20. **Peña-Rosas JP**, Viteri FE. Systematic Reviews and Decision Making: the case of iron and folic acid supplementation during pregnancy. Poster. 2004 CHORI Research Symposium. Children's Hospital and Oakland research Institute. Oakland, CA. March 25th, 2004.
21. Solano L, **Peña-Rosas JP**. Niveles de leptina durante un regimen de alimentación rico en carbohidratos complejos (fibra). [Leptin levels during a dietary regimen high in complex carbohydrates and fiber]. Abstract ONC-09, 2:2.24. p.p. 13. XIII Latin American Congress of Nutrition. SLAN 2003. Acapulco, Mexico. November 2003.
22. **Peña-Rosas JP**, Nesheim MC, Crompton DWT, Sanjur D, Layrisse M & Frongillo EA Jr. Iron status in pregnant women is not improved by weekly or twice weekly iron supplementation. Experimental Biology, San Francisco, April 1998. The FASEB Journal 12(5): A846. 1998.
23. **Peña-Rosas JP**, Sanjur D., Nesheim MC, Crompton DWT, Dehollain P & Layrisse M. Dietary patterns and iron nutrition during pregnancy in Trujillo lowlands, Venezuela. Abstract CM-110. XI Congress Latin American Society of Nutrition "Dr. Abraham Horwitz". Guatemala, Guatemala. November 1997.
24. **Peña-Rosas JP**, Nesheim M, Crompton DWT. Contribution of helminthic infections to iron deficiency anemia among pregnant women from Trujillo lowlands, Venezuela. Abstract PM254. 16th International Congress of Nutrition. Montreal, Canada. July 1997.
25. **Peña-Rosas JP**, Ariza-Macías J, Suarez E. Evaluación Alimentario-nutricional de un grupo de pacientes varones con infección por VIH y SIDA atendidos en CLETS, Rio Piedras, Puerto Rico, I Parte. 1994. Arch Latinoamer Nutr 44;3: 96S. Abs. 361.
26. **Peña-Rosas JP**, Ariza-Macías J, Suarez E. Evaluación Alimentario-nutricional de un grupo de pacientes varones con infección por VIH y SIDA atendidos en CLETS, Rio Piedras, Puerto Rico, II Parte. 1994. Arch Latinoamer Nutr 44;3: 96S. Abs. 362.
27. **Peña-Rosas JP**, Frongillo E Jr, Ariza-Macías J. The new CDC HIV Infection classification: its usefulness in the prediction of nutritional status in HIV+ Puerto Rican patients. 1994. Arch Latinoamer Nutr 44;3: 98S. Abs. 368.

TECHNICAL ASSISTANCE, REPORTS AND OTHER CONSULTANCIES

1. Report on the WHO technical mission to support the Ministry of Health in assessing laboratory capacity of Zambian laboratories in readiness for monitoring and evaluation of food fortification programmes Zambia 11-15 February 2019
2. National expert group technical consultation on prevention and treatment of iron deficiency anemia, New Delhi, India. 23-24 April 2018.
3. WHO technical position on public pronouncement of a group of researchers and Sanitaristas of the Peruvian University Cayetano Heredia UPCH on the cut-off points for diagnoses of anaemia and on the report N ° 065-2018-CENAN/INS, elaborated by the Dra Nelly Zavaleta, Lima Peru 2019.

4. Working group meeting: need for and methodological approaches for updating biomarkers of vitamin A status. In collaboration with the International Micronutrient Malnutrition Prevention and Control (IMMPaCt) Programme, Centers for Disease Control and Prevention (CDC), USA, 28 February 2018.
5. Report on the congenital birth defects surveillance Technical Advisory Group Meeting. World Health Organization, Geneva, Switzerland, 18 - 19 September 2018.
6. Technical Position criterion on the administration of micronutrient powders to children under 5 years old as part of the actions to reduce the prevalence of anemia in that age group. Specialized technical assistance requested through the Country representative to the Sra. Elisa María Cadena Gaona, Subdirección de Salud Nutricional, Alimentos y Bebidas, Ministerio de Salud y Protección Social, República de Colombia, 2016.
7. Zamora G, Garcia-Casal MN, Johnson Q, Al Jawaldeh A, Gharib N, Pena-Rosas JP. WHO technical mission to assess the feasibility of fortification of wheat flour with vitamin D to improve vitamin D status and reduce risk of vitamin D deficiency-related outcomes in the Kingdom of Bahrain, 8-12 May 2016.
8. Pena-Rosas JP, Serdula M. Technical consultancy for the design and implementation of the Monitoring and Evaluation for the baladi Wheat Flour Fortification Program in Egypt. World Food Programme Egypt. Cairo, Egypt. January 19-31, 2008.
9. Pena-Rosas JP, Densmore D. Technical Consultancy for the design of the Monitoring and Evaluation of Wheat Flour Fortification Program. Tbilisi, Republic of Georgia. GAIN Mission Report. November 5-17th, 2007.
10. Pena-Rosas JP, Jefferds ME, Philip C, Mandava U, Vargas W. Technical Consultancy for the design of the Monitoring and Evaluation Component of the National Fortification Program: Wheat Flour, Sugar and Salt. Santo Domingo, Dominican Republic. World Bank Mission Report. June 18-28, 2007
11. Pena-Rosas JP, Mulinare J. Monitoring Food Fortification Program in Morocco. Progress Assessment. World Bank Mission Report. Rabat, Morocco. January 16-26, 2007.
12. Pena-Rosas JP. Monitoring and Impact Evaluation Component for the National Food Fortification Program in Uzbekistan. Follow Up Mission Report. CDC Consultancy. Tashkent, Uzbekistan. October 2005.
13. Pena-Rosas JP, Perez M. Organizations, Programs and Information Systems for Nutrition Interventions in Nicaragua: An Updated Inventory. A Report for MOST-USAID SIVIN Nicaragua Project. Managua, Nicaragua. March 2005.
14. Houston R, Pena-Rosas JP, Parvanta I. Monitoring Micronutrient Intervention Programs in Morocco. Finalization of an Action Plan for Implementation. CDC Consultancy in collaboration with ISTI-MOST. Rabat, Morocco. September 19-25, 2004.
15. Pena-Rosas JP, Parvanta I. Process Monitoring and Impact Evaluation Component for a National Food Fortification Program in Uzbekistan. Mission Report. CDC Consultancy. Tashkent, Uzbekistan. July 2004.

SOME WORKSHOPS AND TRAINING ACTIVITIES

South Asian Evidence Summit (SES) 2018 “Converging disciplines for public health”. Hosted by: Public Health Evidence South Asia. February 2018. Manipal, India. Chief Guest Speaker.

Multidisciplinary Training Programme on Global Nutrition Policy for Sustainable Development 2015. Latin American Society of Nutrition (SLAN), World Health Organization (WHO)/ Pan American Health Organization (PAHO)/ World Food Programme (WFP)/ Bengoa Foundation/Micronutrient Initiative. April-November 2015. Geneva, Switzerland. Programme organizer and faculty.

WHO/Cochrane Collaboration/Micronutrient Initiative/Cornell University Summer Institute for systematic reviews in nutrition for global policy making. Cornell University. Ithaca, USA. 7-18 July 2014. Programme organizer and instructor. (continued to present)

CAS Obstétrique médecine fœtale et maternelle. "Certificate in advanced studies en Obstétrique, médecine maternelle et fœtale" . Faculty of Medicine. Department of Gynecology and Obstetrics. University of Geneva. Professor. January 2013. Geneva, Switzerland

Enhanced Performance Management e-PMDS+ Training of Trainers. Global Working Group on Performance Management and Development. Geneva, World Health Organization. 1-6 September 2013. Participant Trainee.

WHO guideline development meeting: Optimal blood folate concentrations in women of reproductive age for prevention of neural tube defects. 23 - 25 September 2013. WHO/HQ Geneva, Switzerland, Salle G (8th Floor)

Technical Consultation: Salt reduction and iodine fortification strategies in public health. "co-sponsored by the George Institute for Global Health, Australia" In collaboration with the International Council for the Control of Iodine Deficiency Disorders Global Network. 25 - 27 March 2013. Sydney, Australia

EVIPONet Brazil. Producing, assessing and disseminating evidence synthesis for health policies in Brazil. 10-13 December 2012. Brasilia, Brazil. Facilitator.

Training workshop on surveillance and prevention of birth defects and preterm births. 15-19 October 2012. WHO Headquarters, Geneva, Switzerland (continued annually until present)

WHO Consultation: Technical considerations for rice fortification in public health. In collaboration with the Global Alliance for Improved Nutrition. 9-10 October 2012. Geneva, Switzerland. Organizer and co-chair.

WHO/CDC Technical Consultation: Optimal blood folate concentrations in women of reproductive age for prevention of neural tube defects. In collaboration with the National Center on Birth Defects and Developmental Disabilities at the Centers for Disease Control and Prevention (CDC). 13-15 August 2012. Emory Conference Center, Atlanta, GA, USA

WHO-EMRO/Flour Fortification Initiative joint Harmonization Workshop for Wheat and Maize Flour Fortification. 20-22 February 2012. Amman, Jordan. Facilitator.

WHO SEARO/CDC Training on Prevention of Birth Defects. All India Institute of Medical Sciences, New Delhi, India. 7-9 December 2011. Facilitator.

International Clearinghouse of Birth Defects, CDC, WHO Training on Birth Defects Surveillance. 3-5 October 2011. Geneva, Switzerland. Organizer and facilitator.

WHO EMRO Technical Consultation for Developing the Nutrition Surveillance Training Modules. 12-15 July 2010. Cairo, Egypt. Facilitator.

European Regional Flour Fortification Consultation. Flour Fortification Initiative. 21-23 October 2008. Bucharest, Romania. Facilitator.

Assessment, Monitoring and Evaluation of Fortification Programs. US Centers for Disease Control and Prevention Satellite Meeting. Micronutrient Forum 2007. 17 April 2007. Istanbul, Turkey. Speaker.

Technical workshop on Harmonization of Regional Regulations and Standards. A2Z Project/ECSA East, Central and Southern African Health Community. 29-20 March 2007. Arusha, Tanzania. Facilitator.

Technical workshop on Strengthening Quality Control and Inspection of Fortified Foods A2Z Project/ECSA East, Central and Southern African Health Community. March 26-28th 2007. Arusha, Tanzania. Facilitator.

Monitoring and Evaluation of IDD/USI Programs and Flour Fortification Programs in Kyrgyzstan. Workshop. UNICEF CEE/CIS, U.S. Centers for Disease Control and Prevention (CDC). 25-29 June 2006. Bishkek, Kyrgyzstan. Facilitator.

Monitoring and Evaluation of IDD/USI Programs and Flour Fortification Programs in Kazakhstan. Workshop. UNICEF CEE/CIS, U.S. Centers for Disease Control and Prevention (CDC). June 19-23, 2006. Astana, Kazakhstan. Facilitator.

Improving Effectiveness and Coordination of Ongoing Nutrition Programs in Uzbekistan. Sponsored by UNICEF and World Bank Uzbekistan. Facilitator. Developing a M&E System for assessing programs impact. May 22-23, 2006. Tashkent, Uzbekistan.

Measuring Performance at the Country Level: The Uzbekistan experience. GAIN Performance Framework Implementation Workshop. 20 April 2006. Geneva, Switzerland. Facilitator.

Regulatory Monitoring Guidelines for Latin America Expert Committee Meeting. Sponsored by Pan American Health Organization, University San Francisco de Quito and CDC. 2005. Quito, Ecuador, Facilitator.

GAIN Partnering and Programme Development Workshop. 27-31 May 2005. Geneva, Switzerland. Facilitator.

Vitamin A Fortification Food Control Workshop – 6-8 April 2005. Lagos, Nigeria. Sponsored by UNICEF and Micronutrient Initiative. Facilitator.

Training Workshop to improve the Monitoring and Evaluation of Micronutrient Fortification of Salt and Flour in Central Asian Republics and Kazakhstan CARK. 11-20 October 2004. Almaty, Kazakhstan. Sponsored by CDC and UNICEF. Facilitator.

Micronutrients to enhance foetal and infant survival, growth and development. Workshop to review effectiveness trials. 15 - 18 June 2004. Bangkok, Thailand. Sponsored by CDC and UNICEF. Participant.

Meeting of Principal Investigators of UNICEF/WHO/UNU MMSDP trials. 20-23 June 2004. Bangkok, Thailand. Sponsored by CDC and UNICEF. Participant.

ACHIEVEMENTS AND AWARDS

1. Centers for Disease Control and Prevention (CDC) & Agency for Toxic Substances and Disease Registry (ATSDR) Honor Awards, Excellence in Surveillance and Health monitoring – International. DBDDD Surveillance working group/National Center on Birth Defects and Developmental Disabilities. 2016
2. CDC & ATSDR Honor Awards, Excellence in Surveillance and Health monitoring – International. DBDDD Surveillance working group, 2016
3. British Medical Association Book Awards, 2015, "Highly commended" in public health (Birth defects surveillance. Manual for public health managers)
4. Advisor to the Organizing Committee. XVII Latin American Congress of Nutrition 2015 "Nutrition for Sustainable Development". Punta Cana, Dominican Republic. November 2014-November 2015.
5. Distinguished alumni 2012. University of Puerto Rico.
6. Guest editor, Annals of New York Academy of Sciences, Vol 1390 Staple crops biofortified with increased vitamins and minerals: considerations for a public health strategy, 2016
7. Guest editor, Annals of New York Academy of Sciences, Vol 1357 Fortification of condiments and seasonings with vitamins and minerals in public health, 2016
8. Guest editor, Annals of New York Academy of Sciences, Vol 1314 Technical considerations for rice fortification in public health, 2015
9. Guest editor, Annals of New York Academy of Sciences, Vol 1312 Technical considerations for maize flour and corn meal and fortification in public health, 2014
10. CDC & ATSDR Honor Awards (group), Excellence in Flour Fortification Initiative, 2008
11. Achievement Award, College of Nutritionists and Dietitians of Venezuela, 2004
12. Evaluator, Posters section. XIII Latin American Congress of Nutrition. Acapulco, Mexico 2003.
13. Coordinator, Maternal and Child Nutrition Round-Table, XIII Latin American Congress of Nutrition. Acapulco, Mexico 2003
14. Member, Global Nutrition Leadership Team, Kellogg Company, 1999-2002
15. Guest editor, Archivos Latinoamericanos de Nutricion. Sep; 49 (3 Suppl 2). 1999
16. Reviewer, Archivos Latinoamericanos de Nutricion, 1999-Present
17. Fellow, Esta and Lewis Ress/ Ethel B. Waring Fellowship 1994-1995
18. Representative, Graduate and Professional Student Assembly Cornell University 1995

19. President, Venezuelan Students & Scholars Association, Cornell University 1995
20. Fellow, United Nations University Fellowship 1993-1994
21. Dean's List, University of Puerto Rico, 1993
22. Honour's Degree, Magna Cum Laude, University of Puerto Rico, 1993

COMMITTEES AND PROFESSIONAL AFFILIATIONS

WHO Guidelines Review Committee, 2021-2023
 A&M Agritech Agriculture, Food and Nutrition Evidence Center (AFNEC), External Executive Board (observer), 2020-present
 3-level Universal Health Coverage Joint Working Group – NMH Cluster-appointee, 2018-2020
 US Cochrane Network, Board member, 2019-present
 Initiator, Cochrane Nutrition Field, 2016-Present
 Founding Member, Society of Implementation Science in Nutrition, 2015-2018
 WHO Board of Appeals, 2014-2016
 WHO Guidelines Review Committee, 2010-2012
 Member, WHO Bulletin Editorial Board, 2009-2011
 Internal Referee, Cochrane Pregnancy and Childbirth Group, 2006-present
 Peer Reviewer, Expert Review of Obstetrics & Gynecology, 2007
 Member, Ten Year Strategy for the Reduction of Vitamin and Mineral Deficiencies Fortification Working Group, 2006-present
 Advisor, Flour Fortification Initiative, Training and Technical Support Group, 2006-2008
 Technical Advisor, Asian Journal of Epidemiology, 2006-present
 Technical Advisor, Asian Journal of Clinical Nutrition, 2006-present
 Peer Reviewer, Public Health Nutrition, 2007
 Peer Reviewer, Open Medicine, 2006
 Member, Atlanta Area Evaluation Association, 2005-2008
 Member, American Evaluation Association, 2005-present
 Member, Institute of Food Technologists (IFT), 2002
 Member-Treasurer, ILSI Nor-Andean, Venezuela Chapter, 2000-2003
 Member-Treasurer, Commission of Food Norms & Standards, Venezuelan Chamber of Food Industry, 2000-2003
 Member, American Society for Nutrition, 1997-present
 Member, Latin American Society of Nutrition, 1994-present
 Licensed Physician, Medical Federation of Venezuela, 1991-present

PROFESSIONAL DEVELOPMENT

1. Fundamentals of diplomatic protocol in United Nations System Staff College, July-December 2019 (online self-study)
2. United Nations Multilingual course on prevention of harassment, sexual harassment and abuse of authority. iLearn WHO Geneva. July 2018.
3. GB UN to serve with pride - zero tolerance. iLearn WHO Geneva. June 2018.
4. UN Inter-agency Executive Management Programme. United Nations System Staff College. Feb-June 2018. Turin, Italy.

5. Systematic reviews and meta-analyses of Cochrane diagnostic test accuracy. 3-5 September 2014. University of Birmingham, United Kingdom
6. Advanced Security Training in the Field. United Nations Department of Security. 2009 Geneva, Switzerland. June.
7. Basic Security in the Field: Staff Safety, Health and Welfare. World Health Organization. 2009 June. Geneva, Switzerland
8. Grading and Summarizing the Quality of Evidence and the Strength of Recommendations. The GRADE System. Workshop. GRC secretariat. 2009. World Health Organization, Geneva, Switzerland.
9. WHO Workshop on Guideline Development Methods. GRC Secretariat. 2009. World Health Organization, Geneva, Switzerland. Facilitators: Prof Andy Oxman
10. (Norwegian Knowledge Centre for the Health Services), Holger Schünemann (McMaster University, Canada).
11. Session on HIV for UN personnel. 2008. UNAIDS, Geneva, Switzerland
12. Impact and Value: Telling your Program's Story Workshop. 2007, CDC Evaluation Team, Atlanta, GA, USA
13. 6th Annual Summer Evaluation Institute at CDC. 2006. Atlanta, GA, USA
14. Mapping Communities: An Introduction to GIS and Community Analysis. 2006. New Urban Research Inc. Atlanta, GA, USA
15. Project Management Technique. 2005. Soft Touch Computer services Inc. and CDC, Atlanta GA, USA
16. 5th Annual Summer Evaluation Institute at CDC. 2005. Atlanta, GA, USA
17. Program Evaluation: Overview of the CDC's Evaluation Framework . 2005. CDC Corporate University, Atlanta GA, USA.
18. Advanced Nutrition Surveys Training. 2005. Centers for Disease Control and Prevention (CDC). Atlanta, GA, USA
19. Scientific Ethics Training. 2004. Centers for Disease Control and Prevention (CDC). Atlanta, GA, USA
20. Safety Survival Skills. 2004. Office of Health and SafetyCenters for Disease Control and Prevention (CDC)Atlanta, GA, USA
21. Effective Health Care Alliance Fellowship Programme. 2003University of Liverpool, Women's Hospital, Cochrane Pregnancy and Childbirth Group, Liverpool, UK
22. Marketing Plan. 2001. Instituto de Estudios Avanzados de Administración IESA. Caracas, Venezuela
23. Media Relations Training. 1998. Ragan Communications Inc. New York, NY, USA
24. Food Labeling. 1998. Mexican Food Technologists AssociationMexico City, Mexico
25. Kellogg Nutrition College 1998. Kellogg Latin America Corporate Office Houston, Texas, USA
26. New England Epidemiology Institute and Tufts University 1994, Medford, MA, USA
 - a. Epidemiology Summer Program
 - b. Theory and Practice of Epidemiology II
 - c. Epidemiology in Developing Countries
 - d. Biology and Epidemiology of Cancer

e. Perinatal Epidemiology