

Daniel J. Hoffman, Ph.D.

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Department of Nutritional Sciences
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EDUCATION:

1999	PhD in Human Nutrition, Tufts University Friedman School of Nutrition Science and Policy, Boston, MA <u>Dissertation</u> : <i>Risk factors for obesity in stunted children living in the shantytowns of São Paulo, Brazil.</i>
1995	Certificate in Epidemiology, World Health Organization, Geneva, Switzerland
1995	MPH in Epidemiology, Boston University School of Public Health, Boston, MA
1991	MS in Cell Biology, The Catholic University of America, Washington, DC
1988	BS in Nutrition and Biology, St. John's University, Collegeville, MN

EMPLOYMENT / ACADEMIC HISTORY:

2020- present	<u>Professor</u> , (with tenure). Department of Nutritional Sciences, Rutgers University, New Brunswick, NJ
2008-2020	<u>Associate Professor</u> , (with tenure) and <u>Chair</u> (2010-13). Department of Nutritional Sciences, Rutgers University, New Brunswick, NJ
2012- 2022	<u>Director</u> ; Center for Childhood Nutrition Research, New Jersey Institute for Food, Nutrition and Health
2001-2007	<u>Assistant Professor</u> . Department of Nutritional Sciences, Rutgers University, New Brunswick, NJ
1999-2001	<u>Research Fellow</u> . New York Obesity Research Center, Columbia University College of Physicians and Surgeons, New York, NY.
1995-1999	<u>Graduate Research Assistant</u> , Tufts University Friedman School of Nutrition Science and Policy, Boston, MA
1991-1993	<u>Biologist</u> , National Institute on Alcohol Abuse and Alcoholism, Bethesda, MD

RESEARCH EXPERTISE:

- Energy metabolism and body composition
- Use of stable isotopes in nutrition research
- Stunting and growth retardation
- Economic development and household dietary intake

GRANTS, FELLOWSHIPS, AND AWARDS: PRINCIPAL INVESTIGATOR EXCEPT WHERE NOTED

1. *New Jersey Healthy Kids Initiative*
Robert Wood Johnson Foundation, 12/15/2017 – 12/15/2020, \$4,000,000. (20% Effort)
Co-Principal Investigator with Arnold Rabson, MD (Child Health Institute of New Jersey)
2. *Use of Nutrient Dense Vegetables to Improve Micronutrient Status in Kenya*
Busch Biomedical Foundation, 7/1/2016 – 7/30/2019, \$25,000
3. *Improving Income and Nutrition of Smallholder Farmers in Eastern Africa Using African Indigenous Vegetables*
United States Agency for International Development, UC-Davis, Horticulture Innovation Lab,
3/1/2015 – 4/30/2020, \$4,998,806. (20% Effort)
Co-Principal Investigator with Jim Simon, PhD (Plant Biology)
4. *Interdisciplinary Research in Global Health*
Fulbright Scholar Award, Western Hemisphere, Brazil 2015-16, \$60,000
5. *Childhood Nutritional Status and Maternal Autonomy and Empowerment in the Shantytowns of Brazil.*
Rutgers Institute for Women's Leadership, 6/1/2013 – 5/31/2015, \$3,000
6. *Influence of gum chewing on daily energy expenditure and food intake*
Wrigley Science Institute, 1/1/2012 – 12/31/2013, \$156,000
7. *Promoting Children's Growth With beta-Carotene-Rich Probiotics.*
Gates Foundation Challenges for Global Health, 11/1/2011 – 10/31/2013, \$100,000. (20% Effort)
PI: Loredana Quadro, PhD
8. *Expertise/Innovation Award*
Tufts University Friedman School of Nutrition Science and Policy, 4/2010
9. *Egg Intake and Fetal Development*
American Egg Board – Egg Nutrition Center, 9/1/2007 – 8/31/2007, \$178,640
10. *J. William Fulbright Foreign Scholarship*
Fulbright Senior Specialist Grant in Public/Global Health
State University of Rio de Janeiro, Brazil
11. *Child Temperament and Diet: Predictors of Weight Gain*
NIH R01 HD047338-01A1, 9/1/2005 – 8/31/2010, \$887, 165. (10% Effort)
PI: John Worobey, PhD
12. *Surveillance of childhood overweight in schools*
United States Department of Agriculture, 10/1/2005 – 9/30/2010 \$10,000/year
13. *BMI as a Predictor of Disease in Developing Countries*
University of Chicago, Center for Population Economics
9/2005, Unrestricted Funds, \$20,000
14. *Dietary Changes Associated with the Emergence of Supermarkets in Bulgaria:
Health, Economic, and Trade Implications*
United States Department of Agriculture, 7/1/2003 – 6/30/2008, \$45,000
15. *Small for gestational age and risk for type 2 diabetes.*
United States Department of Agriculture, New Jersey Agricultural Experiment Station,
7/1/2002 – 6/30/2006, \$12,000
16. *Fat distribution of children born small for gestational age*
Busch Biomedical Foundation, 7/1/2002 – 6/30/2004, \$19,500

JOURNAL ARTICLES (PEER-REVIEWED):

1. Effectiveness of an Intervention to Prevent Ultra-Processed Foods and Added Sugar in the First Year of Life: A Multicentre Randomised Controlled Trial in Brazil. Baratto PS, **Hoffman DJ**, Valmorbida JL, Leffa PS, Feldens CA, Vitolo MR. *J Hum Nutr Diet.* 2025 Feb;38(1).
2. Preconception micronutrient supplementation affects maternal body mass index and body composition post-partum: A randomized controlled trial in Vietnam. Usha Ramakrishnan, Sonia

- Tandon Wimalasena, Melissa F. Young, Long Q. Khuong, Lan M. Tran, **Daniel J. Hoffman**, Reynaldo Martorell, Phuong H. Nguyen. *J Nutr*. 154 (4): 1440-1449. 2024.
3. Vanessa V. Sánchez Victoria C. Ramenzoni, , Diana V. Massó, Armando Rangel Rivero, Daily Y. Borroto Escuela, **Daniel J. Hoffman**. Agricultural Systems in Disruption: Impact on Nutrition and Health in Yaguajay, Cuba. *Studies in Social Development: Cuba and Latin America*. 2023 11(3).
 4. Victoria Constanza Ramenzoni, Vanessa Vázquez Sánchez, Diana Valdés Massó, Armando Rangel Rivero, Daily Yanetsy Borroto Escuela, Daniel J.Hoffman. When the sugar runs out: transitioning agricultural systems and their effect on dietary diversity in Yaguajay, Central Cuba. *Sustainability* 2023, 15(17), 13073; <https://doi.org/10.3390/su151713073>.
 5. Emily Merchant, Martins Odendo, Christine Ndinya, Naman Nyabinda, Norah Maiyo, Shauna Downs, **Daniel Hoffman**, and James Simon. Barriers and Facilitators in Preparation and Consumption of African Indigenous Vegetables: A Qualitative Exploration from Kenya. *Frontiers in Sustainable Food Systems*, 21 March 2022, Volume 6 – 2022.
 6. The Influence of Food Environments on Food Security Resilience during the COVID-19 Pandemic: An Examination of Urban and Rural Difference in Kenya. Merchant EV, Fatima T, Fatima A, Maiyo N, Mutuku V, Keino S, Simon JE, **Hoffman DJ**, Downs SM. *Nutrients*. 2022 Jul 18;14(14):2939.
 7. Strengthening Vegetable Production and Consumption in a Kenyan Informal Settlement: A Feasibility and Preliminary Impact Assessment of a Sack Garden Intervention. Zivkovic A, Merchant EV, Nyawir T, **Hoffman DJ**, Simon JE, Downs S. *Curr Dev Nutr*. 2022 Mar 29;6(5).
 8. The relationship between total energy expenditure and physical activity level in women living in an impoverished Brazilian urban area. Macena ML, **Hoffman DJ**, Clemente AP, Ferriolli E, Pfrimer K, Florêncio TMT, Bueno NB. *Am J Hum Biol*. 2022 Sep;34(9).
 9. Verônica Luiza Vale Euclides, Vinicius Daguano Gastaldi, Arthur Sant’Anna Feltrin, **Daniel J. Hoffman**, Alexandre Ferraro, Mariana Maschietto, Helena Paula Brentani, et al. DNA methylation mediates a randomized controlled trial home-visiting intervention during pregnancy and the Bayley infant’s cognitive scores at 12 months of age. *J Dev Orig Health Dis* 2022 Oct;13(5):556-565.
 10. Juliana A. Teixeira, **Daniel J. Hoffman**, Teresa G. Castro, Silvia Regina D. M. Saldiva, Rossana P. V. Francisco, Sandra Elisabete Vieira, and Dirce Maria Marchioni. 2020. Pre-pregnancy dietary pattern is associated with newborn size: results from ProcriAr study. *Br J Nutr*. Dec 1:1-10.
 11. Phuong Hong Nguyen, Melissa F. Young, Long Quynh Khuong, Usha Ramakrishnan, Reynaldo Martorell, and **Daniel J. Hoffman**. 2020. Development of Population-Specific Prediction Equations for Bioelectrical Impedance Analyses in Vietnamese Children. *Br J Nutr*. 124(12), 1345-1352.
 12. Paula S. Leffa, **Daniel J. Hoffman**, Fernanda Rauber, Caroline N. Sangalli, Júlia L. Valmórbida, Márcia R. Vitolo. 2020. Longitudinal associations between ultra-processed foods and blood lipids in childhood. *Br J Nutr*. 6:1-8.
 13. Brindisi, L., Merchant. E.V., Eliver, B., Odhiambo, J., Night, E., Nyawir, T., Nyabinda, N., Weller, S., Simon, J.E., & **Hoffman, D.** 2020. Comparative nutritional analysis between African Indigenous Vegetables grown by urban farmers and those available for purchase in Kibera, Nairobi, Kenya: A case study. *Journal of Medicinally Active Plants*, 9(3), 166-180. doi:<https://doi.org/10.7275/01s0-mg44>.
 14. Simon, J.E., Weller, S., **Hoffman, D.**, Govindasamy, R., Morin, X., Merchant, E.V., Dinssa, F.F., Van Wyk, E., Byrnes, et al. 2020. Improving income and nutrition of smallholder farmers in Eastern Africa using a market-first science-driven approach to enhance value chain production of African Indigenous Vegetables. *Journal of Medicinally Active Plants* 9, (4):289-309.
 15. **Hoffman D.** 2019. The Double Burden of Malnutrition: Research Agenda for Reversing Global Trends. *Ann Nutr Metab*. 75:149–152.
 16. **Hoffman D**, Arts M, Bégin F. 2019. The “First 1,000 Days+” as Key Contributor to the Double Burden of Malnutrition. *Ann Nutr Metab*. 75:99–102.
 17. Pamela L. Barrios, Raquel Garcia-Feregrino, Juan A. Rivera, Ines Gonzalez-Casanova, Usha Ramakrishnan, and **Daniel J. Hoffman**. 2019. Height Trajectory During Early Childhood Is Inversely Associated with Fat Mass in Later Childhood in Mexican Boys. *JNutr*. Nov 1;149(11):2011-2019

18. Hassan BK, Cunha DB, da Veiga GV, Pereira RA, **Hoffman DJ**, Sichieri R. 2019. Breakfast Consumption, Family Breakfast, and Adiposity Trajectory in Adolescence-The Adolescent Nutritional Assessment Longitudinal Cohort Study. *J Acad Nutr Diet*. Jun;119(6):944-956.
19. **Daniel J. Hoffman**, Thomas Cacciola, Pamela Barrios, James E. Simon. 2017. Temporal changes and determinants of childhood nutritional status in Kenya and Zambia. *J Health Popul Nutr*. 5;36(1):27.
20. Silva BR, Mialich MS, **Hoffman DJ**, Jordão AA. 2017. BMI, BMI_{fat}, BAI or BAIFels - Which is the best adiposity index for the detection of excess weight? *Nutr Hosp*. 34(2):389-395.
21. Taís S Lopes, Ronir R Luiz, **Daniel J Hoffman**, Eduardo Ferriolli, Karina Pfrimer, Anibal S Moura, Rosely Sichieri, Rosângela A Pereira. 2016. Misreport of energy intake assessed with food records and 24-hour recalls compared to total energy expenditure estimated with DLW. *Eur J Clin Nutr*. 70(11):1259-1264.
22. Martins VJ, Neves AP, Garcia MC, Spadari RC, Clemente AP, de Albuquerque MP, **Hoffman DJ**, Sawaya AL. 2016. Normal cortisol response to cold pressor test, but lower free thyroxine, after recovery from undernutrition. *Br J Nutr*. Jan 14;115(1).
23. Vitor B. Paravidino, Mauro F.F. Mediano, **Daniel J. Hoffman**, Rosely Sichieri. 2016. Effect of exercise intensity on spontaneous physical activity energy expenditure in overweight boys: a crossover study. *PLoS ONE*. Jan 15;11(1).
24. Tatiana Toro-Ramos, Rosely Sichieri, and **Daniel J. Hoffman**. 2015. Maternal fat mass at mid-pregnancy and birth weight in low-income Brazilian women. *Ann Hum Biol*. Sep 22:1-7.
25. Fabiana C Albuquerque, Nassib B Bueno, Ana P Clemente, Eduardo Ferriolli Telma M Florêncio, **Daniel J Hoffman**, Ana L Sawaya. 2015. Association Between Adult Stature and Energy Expenditure in Low-Income Women from Northeastern Brazil. *PLoS ONE*. Jul 6;10(7).
26. Soo-Kyung Lee, So-Young Nam, and **Daniel Hoffman**. 2015. Growth retardation at early life and metabolic adaptation among North Korean children. *JDOHaD*. 6(4): 291-298.
27. Soo-Kyung Lee, So-Young Nam, and **Daniel Hoffman**. 2015. Changes in nutritional status among displaced North Korean children living in South Korea. *Ann Hum Biol*. 42:6, 581-584.
28. Shafaie Y, **Hoffman DJ**, Tepper BJ. 2015. Consumption of a high-fat soup preload leads to differences in short-term energy and fat intake between PROP non-taster and super-taster women. *Appetite*. Jun;89:196-202.
29. Ralitzia Dimova, Patrick Gbakou, Ira Gang, and **Daniel Hoffman**. 2014. Impact of food and economic crises on nutrition. *J Devel Studies*, 50, 12: 1687-1699.
30. Rauber F, Campagnolo PDB, **Hoffman DJ**, Vitolo MR. 2014. Consumption of ultra-processed food products and its effects on children's lipid profiles: a longitudinal study. *Nutrition, Metabolism & Cardiovascular Diseases*, Jan;25(1):116-22.
31. Lesley Wassef, Ruth Wirawan, Michael Chikindas, Paul Breslin, **Daniel Hoffman**, and Loredana Quadro. 2014. Intestine-resident β -carotene-producing bacteria provide vitamin A to mouse tissues in vivo. *J Nutr*, 144(5):608-13.
32. Tatiana Toro-Ramos, Maria Dalva Barbosa Baker Méio, Denise Streit Morsch, Maria Elisabeth Lopes Moreira, Maria das Graças Tavares do Carmo, Rosely Sichieri, and **Daniel J Hoffman**. 2013. Preterm Infant Language Development: A Role for Breastmilk Fatty Acids. *Journal of Human Growth and Development*, 23(3): 270-275.
33. Shafaie Y, Koelliker Y, **Hoffman DJ**, Tepper BJ. 2013. Energy intake and diet selection during buffet consumption in women classified by the 6-n-propylthiouracil bitter taste phenotype. *Am J Clin Nutr*, 98(6):1583-91.
34. Rauber F, **Hoffman DJ**, Vitolo MR. 2013. Diet quality from pre-school to school age in Brazilian children: a 4-year follow-up in a randomised control study. *Br J Nutr*, 23:1-7
35. Wilson HJ, Dickinson F, **Hoffman DJ**, Griffiths PL, Bogin B, Varela-Silva MI. 2012. Fat free mass explains the relationship between stunting and energy expenditure in urban Mexican Maya children. *Ann Hum Biol*, 39(5):432-9.
36. **Hoffman DJ**, Toro-Ramos T, Sawaya AL, Roberts SB, Rondo P. 2012. Estimating total body fat

- using a skinfold prediction equation in Brazilian children. *Ann Hum Biol*, 39(2):156-60.
37. Vitolo MR, Bortolini GA, Campagnolo PD, **Hoffman DJ**. 2012. Maternal dietary counseling reduces consumption of energy-dense foods among infants: a randomized controlled trial. *J Nutr Educ Behav*, 44(2):140-7.
 38. Marcia Regina Vitolo, Fernanda Rauber, Paula Dal Bo Campagnolo, Carlos Alberto Feldens, and **Daniel J. Hoffman**. 2010. Maternal Dietary Counseling in the First Year of Life is Associated with a Higher Health Eating Index in Childhood. *J Nutr*, 140: 2002-7.
 39. Paula Dal Bó Campagnolo, **Daniel J. Hoffman**, and Márcia Regina Vitolo. 2010. Waist-to-Height Ratio as a Screening Tool for Preschool Children with Risk Factors for Cardiovascular Disease. *Ann Hum Biol*, 38(3):265-70.
 40. John Worobey, Maria Islas, and **Daniel Hoffman**. 2009. Maternal Behavior and Infant Weight Gain in the First Year. *J Nutri Edu Behav*, 23(4):333-339.
 41. Jocilyn E. Dellava and **Daniel J. Hoffman**. 2009. Validity of Resting Energy Expenditure Estimated by an Activity Monitor Compared to Indirect Calorimetry. *Br J Nutr*, 13:1-5.
 42. Worobey, J., Islas-Lopez, M., & **Hoffman, D.J.** 2008. Predictors of infant feeding frequency by Mexican immigrant mothers. *Topics in Clinical Nutrition*, 23(4), 333-339.
 43. Jocilyn E. Dellava, Peggy Policastro, and **Daniel J. Hoffman**. 2008. Energy Metabolism and Body Composition in Long-Term Recovery From Anorexia Nervosa. *Int J Eating Disord*, 42(5):415-21.
 44. Cheryl Jacko, Karen Ensle, Jocilyn Dellava, and **Daniel J. Hoffman**. 2008. Food intake patterns of elementary school children in Elizabeth, NJ. *Forum for Family and Consumer Issues*, 13(2).
 45. Ludmila Ivanova, Plamen Dimitrov, and **Daniel Hoffman**. 2008. Prevalence of overweight and obesity among urban adults in Bulgaria. *Public Health Nutr*, 15:1-4.
 46. Plamen Dimitrov, Ludmila Ivanova, and **Daniel Hoffman**. 2008. Health and Diet of Adults in Sofia, Bulgaria. *Archives of Balkan Medical Union*, 43(1):29-33.
 47. **Daniel J. Hoffman**. 2007. Establishing Nutritional Requirements in Transitional Countries. *Brazilian J Nutr*, Jul.
 48. **Daniel J. Hoffman**, Paula A. Martins, Susan B. Roberts, and Ana L. Sawaya. 2007. Body Fat Distribution in Stunted Compared to Normal Height Children from the Shantytowns of São Paulo, Brazil. *Nutrition*, 23(9): 640 - 646.
 49. Cheryl Jacko, Jocilyn Dellava, Karen Ensle, and **Daniel J. Hoffman**. 2007. Use of the Plate-Waste Method to Measure Food Intake in Children. *Journal of Extension*, 45 (6).
 50. Meredith S. Dolan, John Sorkin, and **Daniel J. Hoffman**. 2007. Birth weight is inversely associated with central fat mass in health children and adolescents. *Obesity*, 15:1600-1608.
 51. **Daniel J. Hoffman**, Peggy Policastro, Virginia Quick, and Soo-Kyung Lee. 2006. Changes in Body Weight and Fat Mass of Men and Women in the First Year of College: A Study of the “Freshman Fifteen”. *J Am Coll Health*, 55(1):41-5.
 52. Osama A Kensara, David I Phillips, Steve A Wooton, Maynak Patel, **Daniel J Hoffman**, Alan A Jackson, and Marinos Elia. 2006. Substrate-energy metabolism and metabolic risk factors for cardiovascular disease in relation to fetal growth and adult body composition. *Am J Physiol Endocrinol Metab*, 291(2):E365-71.
 53. Rosely Sichieri, Vania Matos Fonseca, **Daniel Hoffman**, Nadia Maria F. Trugo, and Aníbal Sanchez Moura. 2006. Lack of Association Between Iron Status at Birth and Growth Of Brazilian Preterm Infants. *Revista Saúde Pública*, 40(4): 641-7.
 54. Ludmila Ivanova, Plamen Dimitrov, Dora Ovcharova, Jocilyn Dellava, and **Daniel J. Hoffman**. 2006. Dietary Changes During the Transition from Communism to Capitalism in Bulgaria. *Econ and Human Biol*, 4(3): 383-397.
 55. **Daniel J. Hoffman**, Paula A. Martins, Ana L. Sawaya, and Susan B. Roberts. 2006. Comparison of different techniques to assess body composition in children in developing countries. *Pediatrics*, 117(4):725-32.
 56. **Daniel J. Hoffman**, Zimian Wang, Dymrna Gallagher, and Steven B. Heymsfield. 2005. Differences in the amount of visceral adipose tissue in African-American and Caucasian adults using magnetic resonance imaging. *Obesity*, 13(1):66-74.

57. **Daniel J. Hoffman** and Soo-Kyung Lee. 2005. Prevalence of wasting, but not stunting, has decreased in in the Democratic People's Republic of Korea. *J Nutr*, 135: 452-456.
58. Paula A. Martins, **Daniel J. Hoffman**, M. Teresa B. Fernandes, Celia R. de Nascimento, Susan B. Roberts, Ricardo Sesso, and Ana L. Sawaya. 2004. Stunted children gain less lean body mass and more fat mass than their non-stunted counterparts: A prospective study. *Br J Nutr*, 92(5):819-25.
59. **Daniel J. Hoffman**. 2004. Upper limits in developing countries: warning against too much in lands of too little. *J Am Coll Nutr*, 23 (6 Suppl): 610-5S.
60. Dossou-Idohou N , Wade S , Guiro AT, Sarr CS, Cisse D, Diaham B, Beau JP, Chapuis P, **Hoffman DJ** and Lemonnier D. 2003. Nutritional status of pre-school Senegalese children: Long-term effects of early severe malnutrition. *Br J Nutr*, 90 (6):1123-1132.
61. Heo M, Leibel RL, Fontaine KR, **Hoffman DJ**, Gropp E, Allison DB et al. 2002. A meta-analytic investigation of linkage and of common leptin receptor (LEPR) polymorphisms with body mass index and waist circumference. *Int J Obes*, 26(5):640-6.
62. M Heo, RL Leibel, BB Boyer, **DJ Hoffman**, DB Allison et al. 2001. Pooling analysis of genetic data: an example of the association of LEPR polymorphisms with variables related to human adiposity. *Genetics*, 159(3): p. 1163-78.
63. **Daniel J. Hoffman**, Ana L. Sawaya, Ieda Verreschi, Katherine Tucker, and Susan B. Roberts. 2000. Why are nutritionally stunted children at increased risk of obesity? Studies of metabolic rate and fat oxidation in shantytown children from São Paulo, Brazil. *Am J Clin Nutr*, 72 (3): 702-707.
64. **Daniel J. Hoffman**, Susan B. Roberts, Paula A. Martins, Celia de Nascimento, Ana L. Sawaya. 2000. Evidence for impaired regulation of energy intake in nutritionally stunted children from the shantytowns of São Paulo, Brazil. *J Nutr*, 130(9): 2265-2270.
65. **Daniel J. Hoffman**, Ana L. Sawaya, W. Andrew Coward, Paula A. Martins, Celia de Nascimento, and Susan B. Roberts. 2000. Energy expenditure of stunted and non-stunted boys and girls living in the shantytowns of São Paulo, Brazil. *Am J Clin Nutr*, 72(4): 1025-1031.

REVIEW PAPERS:

1. **Daniel J. Hoffman**, Theresa Powell, Emily Barrett and Daniel B. Hardy. Developmental Origins of Metabolic Diseases. *Physiol Rev*. 2021 Jul 1;101(3):739-795. **(Invited review)**
2. **Daniel J. Hoffman**, Rebecca M. Reynolds, and Daniel B. Hardy. 2017. The Developmental Origins of Health and Disease: Current Knowledge and Potential Mechanisms. *Nutrition Reviews* Dec 2017. **(Invited review)**
3. **Daniel J. Hoffman**, Maiza Campos Ponce, Carla R. Taddei & Colleen M. Doak. 2016. Microbiome, Growth Retardation, and Metabolism: Are they related? *Ann Hum Biol*. Dec 7:1-19.
4. Colleen M. Doak, **Daniel J. Hoffman**, Shane A. Norris, Maiza Campos Ponce, Katja Polman, Paula L. Griffiths. 2013. Is body mass index an appropriate proxy for body fat in children? *Global Food Security*, 2(2): 65-71.
5. **Hoffman DJ**, Klein DJ. 2012. Growth in transitional countries: the long-term impact of under-nutrition on health. *Ann Hum Biol*, 39(5):395-401.
6. **Hoffman DJ**. 2010. Early nutrition and adult health: Perspectives for international and community nutrition programs and policies. *Nutr Res Pract*. Dec;4(6):449-54
7. Sawaya AL, Martins PA, Martins VJ, Florêncio TT, **Hoffman D**, do Carmo P Franco M, das Neves J. 2009 Malnutrition, long-term health and the effect of nutritional recovery. *Nestle Nutr Workshop Ser Pediatr Program*. 63:95-105.
8. Ana L. Sawaya PhD; Paula Martins MSc; **Daniel Hoffman PhD**; Susan B. Roberts PhD. 2003. The Link Between Childhood Undernutrition and Risk of Chronic Diseases in Adulthood: A Case Study of Brazil. *Nutrition Reviews*, 61 (5):168 – 175.
9. Faith MS, Tepper BJ, **Hoffman DJ**, Pietrobelli A. 2002. Genetic and environmental influences on childhood obesity. *Clinics Family Practice*, 4: 277–294.
10. **Daniel J. Hoffman**. 2001. Obesity in developing countries: causes and implications. *Food, Nutrition*

and *Agriculture Review*, Food and Agriculture Organization of the United Nations, Volume 28. (Invited review)

Global Burden of Diseases, Nutrition and Chronic Diseases Expert Group and the Global Dietary Database*.

*Dr. Hoffman is a member of the Global Burden of Diseases, Nutrition and Chronic Diseases Expert Group and contributor to the Global Dietary Database.

1. Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. GBD 2015 DALYs and HALE Collaborators. *Lancet*. 2016 Oct 8;388(10053):1603-1658.
2. Otto MC, Afshin A, Micha R, Khatibzadeh S, Fahimi S, Singh G, Danaei G, Sichieri R, Monteiro CA, Louzada ML, Ezzati M, Mozaffarian D; Global Burden of Diseases, Injuries, and Risk Factors Metabolic Risk Factors of Chronic Diseases Expert Group.; Nutrition and Chronic Diseases Expert Group (NutriCoDE). The Impact of Dietary and Metabolic Risk Factors on Cardiovascular Diseases and Type 2 Diabetes Mortality in Brazil. *PLoS One*. 2016 Mar 18;11(3)
3. Impact of Nonoptimal Intakes of Saturated, Polyunsaturated, and Trans Fat on Global Burdens of Coronary Heart Disease. Wang Q, Afshin A, Yakoob MY, Singh GM, Rehm CD, Khatibzadeh S, Micha R, Shi P, Mozaffarian D; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). *J Am Heart Assoc*. 2016 Jan 20;5(1)
4. Singh GM, Micha R, Khatibzadeh S, Shi P, Lim S, Andrews KG, Engell RE, Ezzati M, Mozaffarian D; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). Global, Regional, and National Consumption of Sugar-Sweetened Beverages, Fruit Juices, and Milk: A Systematic Assessment of Beverage Intake in 187 Countries. *PLoS One*. 2015 Aug 5;10(8).
5. Singh GM, Micha R, Khatibzadeh S, Lim S, Ezzati M, Mozaffarian D;; Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE). Estimated Global, Regional, and National Disease Burdens Related to Sugar-Sweetened Beverage Consumption in 2010. *Circulation*. 2015 Aug 25;132(8):639-66
6. Global sodium consumption and death from cardiovascular causes. Mozaffarian D, Fahimi S, Singh GM, Micha R, Khatibzadeh S, Engell RE, Lim S, Danaei G, Ezzati M, Powles J; *Global Burden of Diseases Nutrition and Chronic Diseases Expert Group. *N Engl J Med*. 2014 Aug 14;371(7):624-34.
7. Global, regional, and national consumption levels of dietary fats and oils in 1990 and 2010: a systematic analysis including 266 country-specific nutrition surveys. Micha R, Khatibzadeh S, Shi P, Fahimi S, Lim S, Andrews KG, Engell RE, Powles J, Ezzati M, Mozaffarian D; *Global Burden of Diseases Nutrition and Chronic Diseases Expert Group. *BMJ*. 2014 Apr 15;348.
8. Global, regional and national sodium intakes in 1990 and 2010: a systematic analysis of 24 h urinary sodium excretion and dietary surveys worldwide. Powles J, Fahimi S, Micha R, Khatibzadeh S, Shi P, Ezzati M, Engell RE, Lim SS, Danaei G, Mozaffarian D; *Global Burden of Diseases Nutrition and Chronic Diseases Expert Group. *BMJ Open*. 2013 Dec 23;3(12).

INVITED COMMENTARIES:

1. Paving the way for improved action: how nuclear techniques can advance the assessment of malnutrition. Shruti P. Shertukde, Ramya Padmanabha, Stephanie T. Chung, e**Daniel J. Hoffman** et al. *Am J Clin Nutr* 2025 (Accepted).
2. Lindsey M. Locks, Christine P. Stewart, **Daniel J. Hoffman**, and Christopher P. Duggan.

A shock to the global nutrition system: Why nutrition scientists should challenge the dismantling of the US Agency for International Development and US withdrawal from the World Health Organization. *Am J Clin Nutr* 121 (5): P951-955 2025.

3. **Daniel J. Hoffman**, Paola Seffrin Baratto. Human Milk Consumption and Motor Development: Can the Use of Stable Isotopes Improve the Evidence? *J Nutr*. 2023 Apr 4.
4. **Daniel J. Hoffman**. Childhood Growth and Adult Health: Is It Time to Modify the Methods Used to Study Growth? *J Nutr*. 2022 Aug 9;152(8):1803-1804.
5. **Daniel J. Hoffman**, Alessandra D. Sommer. Navigating Linear and Ponderal Growth in Undernourished Children. Does the Lens through Which We View Undernutrition Matter? *J Nutr*. 2023 Jan 14;152(12):2634-2635. doi: 10.1093/jn/nxac170.
6. **Daniel J. Hoffman**, Hannah R. Posluszny. Navigating Linear and Ponderal Growth in Undernourished Children. *J Nutr*. 2022 Aug 9;152(8):1810-1811.
7. **Daniel J. Hoffman**. Nutrients in Complementary Feeding Protect Against Wasting, but Not Stunting: Results from a Multi-Country Longitudinal Cohort Study. *J Nutr* 2021 Jan 4;151(1):5-6.
8. **Daniel J. Hoffman**. Use of Beetroot Juice Extract for Hypertension Treatment in Low- and Middle-Income Countries. *J Nutr* 2020 Sept; 150(9):2233-2234.
9. **Daniel J. Hoffman**. 2016. Parental responses to childhood eating patterns. *Maria Cecilia Vidigal Foundation*, Sap Paulo, Brazil. (<http://alturl.com/f4zr4>)
10. **Daniel J. Hoffman**. 2015. Stunting: A rarely discussed public health problem. *BMC Public Health* (<http://tinyurl.com/yy8ce2c8>)
11. **Daniel J. Hoffman**. 2014 Undernutrition early in life and adult health: mechanisms and implications. *Jornal de Pediatria*, 90:325-8.
12. **Daniel J. Hoffman**. 2008. Programs designed to prevent childhood obesity. *Brazilian Journal of Public Health*, 3:148-150.

CHAPTERS IN BOOKS:

1. **Daniel J. Hoffman** and Hannah Posluszny. Displaced populations, in: Encyclopedia of Human Nutrition 4th ed. Caballero, B, editor, 2023. Academic Press, London, UK.
2. **Daniel J. Hoffman**, Angelica A. Pozzoli and Hannah R. Posluszny. Double burden of malnutrition, in: Encyclopedia of Human Nutrition 4th ed. Caballero, B, editor, 2023. Academic Press, London, UK.
3. Daniel B. Hardy and **Daniel J. Hoffman**. Early origins of disease, in: Encyclopedia of Human Nutrition 4th ed. Caballero, B, editor, 2023. Academic Press, London, UK.
4. **Daniel J. Hoffman** and Alessandra D. Sommer. Early origins of disease: Non-fetal, in: Encyclopedia of Human Nutrition 4th ed. Caballero, B, editor, 2023. Academic Press, London, UK.
5. **Daniel J. Hoffman** and Hannah Posluszny. Nutrition transition, diet change, and its implications, in: Encyclopedia of Human Nutrition 4th ed. Caballero, B, editor, 2023. Academic Press, London, UK.
6. **Daniel J. Hoffman**, Alessandro Bigoni and Adriana Carrieri. 2019. *Epidemiology of Early Nutrition and Adult Health: Metabolic Adaptations and Body Composition* in: Early Life Origins of Ageing and Longevity. A. Vaiserman, editor. Springer Nature Switzerland AG.
7. **Daniel J. Hoffman** and Pamela L. Barrios. 2017. *Changes in Body Composition from Infancy through Childhood* in: The Biology Behind the First 1,000 Days. C.D. Karakochuk, K. C. Whitfield, T.J. Green, and K. Kraemer, editors. CRC Press.
8. **Daniel J. Hoffman** and Thaisa Lemos. 2013. *Undernutrition Early in Life and Adult Health: Influence of Metabolism and Body Composition* in: Early Life Nutrition and Adult Health And Development Lessons From Changing Dietary Patterns, Famines And Experimental Studies. L.H. Lumey and A. Vaiserman, editors. Nova Biomedical, NY, NY.
9. **Daniel J. Hoffman**, ZiMian Wang, David B. Allison, Michelle Huber, and Steven B. Heymsfield. 2003. *Assessment of Body Composition* in: Obesity: Mechanisms and Clinical Management. R. Eckel, MD editor. Lippincott, Williams, and Wilkins, NY, NY.
10. Susan B. Roberts and **Daniel J. Hoffman**. 2003. *Energy and Substrate Regulation in Obesity* in: Nutrition

in Pediatrics: Basic Science and Clinical Application, (3rd Edition). W.A. Walker, MD editor. BC Decker Inc, USA.

11. Steven B. Heymsfield and **Daniel J. Hoffman**. 2003. *Investigación de la composición corporal* in: Fundamentos de Valoración Nutricional y Composición Corporal. Daniel H. de Girolami, MD editor. Editorial El Ateneo, Buenos Aires, Argentina.
12. David B. Allison, Mooneseong Heo, Kevin R. Fontaine, and **Daniel J. Hoffman**. 2000. Body Weight, *Body Composition, and Longevity*, in: Textbook of Obesity. Per Bjorntorp, editor, John Wiley and Sons, London, UK.
13. Heymsfield, SB, **Hoffman, DJ**, Testolin, C, and Wang, ZM. 2000. *Evaluation of Human Adiposity*, in: Textbook of Obesity. Per Bjorntorp, editor, John Wiley and Sons, London, UK.
14. **Hoffman, DJ**, Heymsfield, SB, and Waitzberg, DL. 2000. *Composição corporal*, in: Nutrição Enteral e Parenteral Na Prática Clínica, 3rd edition. Waitzberg, DL, editor. Atheneu, São Paulo, Brazil.
15. **Daniel J. Hoffman** and Dymrna Gallagher. 2000. *Obesity and Weight Control*, in: Downey and Darling's Physiological Basis of Rehabilitation Medicine, 3rd edition. Gonzalez, EG, editor, Butterworth and Heinemann, NY, NY.
16. **Daniel J. Hoffman** and Ana L. Sawaya. 1998. *Energy Balance*, in: Encyclopedia of Human Nutrition. Caballero & Sandler, editors, Academic Press, London, UK.

WORKING PAPERS:

1. Ralitzia Dimova, Ira N. Gang & Monnet B. P. Gbakou & **Daniel Hoffman**. 2012. *The impact of food and economic crises on diet and nutrition*. Brooks World Poverty Institute Working Paper Series 17512, BWPI, The University of Manchester.
2. Dimova, Ralitzia; Gang, Ira N.; Gbakou, Monnet; **Hoffman, Daniel**. 2011. *Can economic crises be good for your diet?* IZA Discussion Papers 5610, Institute for the Study of Labor (IZA).

INVITED LECTURES AND SEMINARS: *Keynote speaker

International-

1. *Growth Retardation and Long-Term Health*. Hawassa University School of Medicine. Hawassa, Ethiopia, November 2019.
2. *Sustainable Solutions to Food Insecurity*. Hawassa University School of Agriculture. Hawassa, Ethiopia, November 2019.
3. *Metabolic Programming: Implications and Potential Solutions*. School of Pharmacy, University of São Paulo, São Paulo, Brazil, April 2018.
4. **Use of Stable Isotopes to Evaluate Growth and Body Composition in Children*. Division on Human Health, International Atomic Energy Agency of the UN, Vienna, Austria, December 2017.
5. *Stunting and metabolic disorders: a link between undernutrition and nutrition-related chronic diseases*. Moi University, Department of Nutrition, Eldoret, Kenya, October 2016.
6. *Growth Retardation and Metabolic Adaptations*. Federal University of Alagoas, Maceio, Brazil. March 2016.
7. *Metabolic Consequences of Poor Growth in Childhood*. University of São Paulo School of Medicine at Ribeirão Preto, Division of Nutrition and Metabolism. Ribeirão Preto, Brazil. April 2015
8. *Interdisciplinary Research in Human Nutrition and Health*. Federal University of Health Sciences of Porto Alegre. Porto Alegre, Brazil. March 2015.
9. *Impact of Poor Growth on Human Energy Metabolism*. Federal Fluminense University, Niteroi, Brazil. April 2014
10. **Interdisciplinary Approaches to Nutrition Research*. Brazilian Society for Food and Nutrition. Foz de Iguacu, Brazil. August 2013
11. *Early Programming of Energy Metabolism and Body Composition*. Department of Endocrine Physiology and Nutrition, Federal University of São Paulo School of Medicine. São Paulo,

- Brazil. May 2012
12. *Growth in Transitional Countries*. Society for the Study of Human Biology. Cambridge, England. Dec 2011
 13. **Nutrition and Growth: Influences and Long-Term Consequences*. 2nd International Congress of Nutrition, Food, and Dietetics. Lima, Peru. Aug 2011
 14. *Early Nutrition and Long-Term Metabolic Complications*. Department of Physiological Sciences, State University of Rio de Janeiro, Rio de Janeiro, Brazil. May 2011
 15. *Growth Retardation and Adult Chronic Diseases*. Life Sciences Institute of Ajinomoto, Inc, Kawasaki, Japan. June 2011
 16. **Early Nutrition and Adult Health: Perspectives for International Nutrition Programs and Policies*. 2010 Symposium of the Korean Society of Community Nutrition, Seoul National University, Seoul, South Korea. May 2010
 17. *Early Growth and Adult Health: Implications for Transitional Countries*. Department of Food and Nutrition, Inha University, Incheon, South Korea. May 2010
 18. *Human Energy Metabolism: Techniques and Applications*. Technical University of Lisbon, Lisbon, Portugal. May 2009
 19. **Obesity in the Developing World: Role of Early Undernutrition*. (In Spanish). 12th National Symposium on Human Nutrition, Medellin, Colombia. Oct 2008
 20. **Obesity in Developing Countries: Metabolic Risk Factors and Implications*. University of Antioquia, School of Nutrition, Medellin, Colombia. Oct 2008
 21. **Growth Retardation and Adult Obesity*. Autumn Meeting of Project QUALITY, Laval University and University of Montreal School of Medicine, Quebec City, Quebec, Canada. Sep 2008
 22. *Nutrition Guidelines in Transitional Countries*. (In Spanish) 4th Argentine Congress of Pediatrics and Gastroenterology, Buenos Aires, Argentina. May 2008
 23. **Metabolic Consequences of Undernutrition*. (In Spanish). 4th Argentine Congress of Pediatrics and Gastroenterology, Buenos Aires, Argentina. May 2008
 24. *Use of Stable Isotopes to Evaluate Intervention Programs to Prevent Undernutrition and Stunting*. International Atomic Energy Agency of the United Nations, Division of Nuclear Science and Applications. (1 of 2 international speakers invited) Vienna, Austria. Apr 2007
 25. *Human Energy Metabolism: Measuring Physical Activity in Population Studies*. (In Portuguese). Federal University of Rio de Janeiro, School of Public Health, Rio de Janeiro, Brazil. Jul 2006
 26. *Growth Retardation and Its Influence on Substrate Oxidation*. (In Portuguese) 14th Congress of the Latin American Nutrition Society, Florianopolis, Brazil. Nov 2006
 27. *Establishing Nutritional Requirements in Transitional Economies*. (Invitation from the Brazilian Ministry of Health) 14th Congress of the Latin American Nutrition Society, Florianopolis, Brazil. Nov 2006
 28. *Techniques to Measure Body Composition in Children: Uses in Population Studies*. Federal University of Pelotas, Program in Epidemiology, Pelotas, Brazil. Jun 2005
 29. *Undernutrition in Childhood and Risk for Chronic Diseases in Adulthood*. World Congress on Gerontology, Rio de Janeiro, Brazil. Jun 2005
 30. **Long-term metabolic effects of growth retardation*. 3rd Argentine Congress of Pediatrics and Gastroenterology, Salta, Argentina. Sep 2005
 31. **Environmental factors promoting obesity in developing countries*. 3rd Argentine Congress of Pediatrics and Gastroenterology, Salta, Argentina. Sep 2005
 32. *Physiological and Environmental Influences on Chronic Diseases in Developing Diseases*. 8th Global Forum for Health Research, Mexico City, Mexico. Oct 2004
 33. *Early Nutrition and Risk for Obesity*. (In Portuguese) Universidade do Estado do Rio de Janeiro, Institute of Social Medicine, Rio de Janeiro, Brazil. Oct 2004
 34. *Early Nutrition and Risk for Obesity in Adulthood*. Laval University, Department of Preventive and Social Medicine, Quebec City, Quebec, Canada. May 2001
 35. *Obesity in developing countries: metabolic risk factors and policy implications*. Food and Agriculture Organization of the United Nations, Rome, Italy. June 2000

Domestic-

1. *Use of Nutrient Dense Vegetables to Improve Micronutrient Status in Children*. 22nd International Consortium on Applied Bioeconomy Research Conference, The World Bank, Washington, DC. June 2018
2. *The double burden of malnutrition in transitional countries*. Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA. Sep 2012
3. *Healthy Growth: lessons from low-income countries*. Mead Johnson Nutrition Scientific Lecture Series, Mead Johnson Nutrition, Evansville, IN. Mar 2011
4. *Developmental and environmental factors predisposing children to obesity in adulthood*. 28th Summer Symposium in Molecular Biology, Pennsylvania State University, State College, PA. Jul 2009
5. *Fetal Origins of Adult Disease: Undernutrition and Chronic Disease*. Department of Neonatology, St. Peter's University Hospital, New Brunswick, NJ. May 2009
6. *Development Origins of Adult Disease: Biologic and Political Consequences of Growth Retardation*. The Eugene J. McCarthy Center for Public Policy & Civic Engagement and Department of Biology at St. John's University, Collegeville, MN. Sep 2008
7. *The Use of the Body Mass Index as Measure of Physiological Capital*. University of Chicago Graduate School of Business, Center for Population Economics, Chicago, IL. Jan 2006
8. *Physiological Capital and Economic Development*. University of Chicago Graduate School of Business, Center for Population Economics, Chicago, IL. May 2005
(Invitation by Prof. Robert Fogel, 1993 Nobel Laureate in Economics)
9. *Metabolic risk factors for weight gain in stunted children living in the shantytowns of São Paulo, Brazil*. New York Obesity Research Center, New York, NY. Jun 2005
10. *Stunting and Supermarkets: Biological and Environmental Influences on Obesity in Developing Countries*. International Food Policy Research Institute, Washington, DC. Aug 2008
11. *Early Nutrition and Risk for Obesity*. Cooper University Hospital, Department of Pediatrics and Neonatology, Nutrition Seminar Series, Camden, NJ. May 2004
12. *Birth Weight and Body Fat Distribution*. University of Maryland Medical School, Department of Gerontology, Baltimore, MD. Oct 2003
13. *Small for Gestational Age and Body Composition*. St. Peter's University Hospital, Division of Neonatology, New Brunswick, NJ. Feb 2002
14. *Growth Patterns and Metabolic Diseases*. St. Peter's University Hospital, Division of Maternal-Fetal Medicine, New Brunswick, NJ. Mar 2002
15. *Obesity: Causes and Socio-Economic Impact*. Atlantic City Medical Center, Resident/Faculty Academic Retreat, Atlantic City, NJ. Oct 2002
16. *Growth Patterns and Metabolic Diseases*. University of Medicine and Dentistry of New Jersey, Center for Child Studies and Development, New Brunswick, NJ. Mar 2003
17. *Obesity in Developing Countries: A Possible Role of Early Nutrition*. Harvard University School of Public Health, Department of Nutrition, Boston, MA. Dec 2001
18. *Childhood Undernutrition and Adult Disease*. Children's Hospital of Philadelphia, Philadelphia, PA. Jun 2001
19. *Childhood Undernutrition and Adult Disease*. University of Illinois at Chicago, Department of Nutrition, Chicago, IL. Jan 2001
20. *Stunting and risk for obesity in São Paulo, Brazil*. Johns Hopkins University, School of Public Health and Hygiene, Department of International Health, Baltimore, MD. Dec 2000

CONFERENCE PRESENTATIONS:

Oral (refereed) Presentations-

1. *The First 1,000 Days and Lifelong Health*. International Symposium on Understanding the Double Burden of Malnutrition for Effective Interventions. International Atomic Energy Agency of the UN, Vienna, Austria, December 2018

2. *Complementary Feeding and Growth*. International Symposium on Understanding the Double Burden of Malnutrition for Effective Interventions. International Atomic Energy Agency of the UN, Vienna, Austria, December 2018.
3. *Increase in Weight for Age is Associated with Increased Fat-Free Mass in Healthy Children*. 6th World Congress on Developmental Origins of Health and Disease, Santiago, Chile. 2009
4. *Lower Birth Weight is Associated with Increased Lean Body Mass*. Experimental Biology, San Diego, CA. 2008
5. *Comparison of Dietary Intake Among Consumers at Local Stores Versus Multinational Supermarkets in Sofia, Bulgaria*. I World Congress on Public Health Nutrition, Barcelona, Spain. 2006
6. *Programming of Substrate Oxidation and Body Composition in Adults and Children Exposed to Substrate Deprivation In Utero and Early Childhood*. I World Congress on Public Health Nutrition, Barcelona, Spain. 2006
7. *Dietary Impact of Multinational Supermarkets in Bulgaria*. Experimental Biology, San Francisco, CA. 2006
8. *The Nutrition Transition in Bulgaria: Are We Ahead of the Wave?* Experimental Biology, San Diego, CA. 2005
9. *Evidence of impaired energy regulation in nutritionally stunted boys and girls living in the shantytowns of São Paulo, Brazil*. North American Association for the Study of Obesity, Long Beach, CA. 2004
10. *Nutritional stunting is associated with impaired fat oxidation in children from the shantytowns of São Paulo, Brazil*. North American Association for the Study of Obesity, Charleston, SC. 2000
11. *Obesity in developing countries: effects on developing health care systems*. Millennial Stews Food Conference, New York University, New York, NY. 2001

Poster Presentations-

1. *Dietary diversity among rural households in Kenya*. American Society for Nutrition, Boston, MA. 2018
2. *Height trajectories and waist circumference in late childhood of Mexican children*. International Congress of Nutrition, Buenos Aires, Argentina. 2017
3. *Fat Mass Index versus Body Mass Index to Assess Obesity in Mexican Children*. International Congress of Nutrition, Buenos Aires, Argentina. 2017
4. *Early life height trajectories and late childhood adiposity in Mexican children*. International Congress of Nutrition, Buenos Aires, Argentina. 2017
5. *Consumption of Processed Foods and Its Effects on Children's Lipid Profiles*. The 31st Annual Scientific Meeting of The Obesity Society, Atlanta, GA. 2013
6. *Effect of a Maternal Nutrition Education Intervention in the First Year of Life on Dietary Quality in Childhood: a Randomized Controlled Trial*. Society for Nutrition Education, Reno NV. 2010
7. *Desarrollo de una ecuación de predicción geográficamente específica para evaluar la grasa corporal*. XV Congress of the Latin American Nutrition Society, Santiago, Chile. 2009
8. *Energy Metabolism In Stunted Jamaican Children*. Experimental Biology, New Orleans, LA. 2009
9. *Changes and Disease Incidence in Bulgaria*. I World Congress on Public Health Nutrition, Barcelona, Spain. 2006
10. *Differences in hydration of lean body mass in stunted compared to healthy children in Brazil*. Experimental Biology, San Diego, CA. 2003
11. *Differences in childhood adiposity relative to birth weight and velocity of weight gain*. Experimental Biology, San Diego, CA. 2003
12. *The relationship between birth weight and fat mass in children*. World Congress on the Fetal Origins of Adult Disease, Brighton, England UK. 2003
13. *Risk factors for obesity in stunted children living in the shantytowns of São Paulo, Brazil*. World Congress on the Fetal Origins of Adult Disease, Brighton, England UK. 2003
14. *Comparison of different techniques to measure adiposity in children from developing countries*. 9th International Congress on Obesity, São Paulo, SP, Brazil. 2002
15. *Physical activity levels and substrate oxidation in growth retarded children*. Biological Remodeling and Plasticity. National Institutes of Health, Washington, DC. 2002

16. *Maternal Control during Feeding: Development and Validation of a Self-Report Inventory*. North American Association for the Study of Obesity. Quebec City, Quebec, Canada. 2001
17. *Use of the Body Mass Index to Evaluate Adiposity in Stunted Children*. North American Association for the Study of Obesity. Quebec City, Quebec Canada. 2001
18. *Aerobic fitness of stunted and non-stunted children in São Paulo, Brazil*. North American Association for the Study of Obesity. Quebec City, Quebec Canada. 2001
19. *Differences in visceral adipose tissue mass in African-American and Caucasian adults using magnetic resonance imaging*. Experimental Biology, Orlando, FL. 2001
20. *Oxidative stress in the islet of Langerhans of lean and obese Zucker rats*. North American Association for the Study of Obesity, Long Beach, CA. 2000
21. *Energy expenditure in nutritionally stunted boys and girls living in the shantytowns of São Paulo, Brazil*. North American Association for the Study of Obesity, Long Beach, CA. 2000

TEACHING EXPERIENCE:

Rutgers University

Undergraduate: Lifespan Nutrition
 Nutrition and Health in Developing Countries
 Advanced Nutrition: Metabolism and Body Composition
 Seminar in Nutrition: Food Politics
 Seminar in Nutrition: Nutrition and the First 1,000 Days
 Colloquium on Obesity

Graduate: Physiological and Biochemical Basis of Nutrition
 Nutritional Epidemiology

Tufts University

Graduate: Nutritional Assessment (guest lecturer)
 Nutritional Biochemistry (guest lecturer)

GRADUATE ADVISING:

Post-doctoral and foreign trainees:

Paola Seffrin Baratto, PhD
 Marcia Vitolo, PhD
 Fernanda Rauber, PhD
 Bruna Hassan, PhD
 Paula Leffa, M

Graduate thesis committee member (student and graduate program):

Veronica Euclides	University of São Paulo School of Public Health
Yeonbin Yang	Economics
Candace Longoria	Exercise science and Kinesiology
Emily Merchant	Plant Biology and Pathology
Daniel Moldonado	Exercise science and Kinesiology
David Sanders	Exercise science and Kinesiology
Bridgette McFadden	Exercise science and Kinesiology
Nick Mackowski	Exercise science and Kinesiology

P.J. Wisinewski	Exercise science and Kinesiology
Carolyn Cheng	Nutritional Sciences
Barbara Spalding	Nutritional Sciences
L. Claudia Pop	Nutritional Sciences

Past students:

Pamela Barrios, PhD	Growth trajectories and body composition in Mexican children (2018)
Thaisa Lemos, PhD	Relationship between poverty and growth patterns (2016)
Eder Menzes, MS	Case studies of the relationship between maternal and childhood nutritional status in three countries: Bolivia, Honduras, and Haiti (2014)
Tatiana Ramos, PhD	Maternal body composition and fetal growth (2011)
Nipa Patel, MS	Regional variation in nutritional status in India (2009)
Jocilyn Dellava, PhD	Energy metabolism and body composition in women recovered from anorexia nervosa (2008)
Pamela Barrios, MS	Maternal autonomy and growth in Brazil (2008)
Chaitali Savjani, MS	Folate intake amongst college-age women (2005)
Meredith Dolan, MS	Birth weight and body composition in adolescence (2003)

ADMINISTRATIVE AND SERVICE ACTIVITIES:

University:

Member	Rutgers Global Health Institute
Member	Search Committee for Director of the New Jersey Institute for Food, Nutrition, and Health
Member	University Committee for Strategic Planning: Global Health
Director	Center for Childhood Nutrition Education and Research
Member	Center for Latin American Studies Executive Board
Director	Rutgers Faculty Cluster on International Health, Economics, and Food Policy
Member	Rutgers Study Abroad Faculty Advisory Board
Chair	Rutgers Initiative on Childhood Obesity
Member	Search Committee for Dean of the Graduate School of Arts and Sciences
Member	Search Committee for Dean of the Rutgers School of Public Health

New Jersey Institute for Food, Nutrition, and Health:

Director	Center for Childhood Nutrition Research
Organizer	Symposium on “The Healthy Child: Nutrition and Fitness Education for Lifelong Health” (2019)
Organizer	Symposium on “The Gut and Growth” (2018)
Co-Organizer	Workshop on “Childhood Growth Cohorts” (2017)

College:

Undergraduate Advisor	
Honors Advisor	
Representative	Rutgers Study Abroad

Department of Nutritional Sciences:

Chair	Faculty Search Committee (2023)
Chair	Department of Nutritional Sciences (2010-2013)
Co-Organizer	Russell Symposium (2011, 12, and 14)
Co-Chair	Seminar Committee (2008-2010)
Member	Graduate Admissions Committee (2008-present)
Member	Faculty Search Committee (2004)
Member	Department Chair Search Committee (2004)

SOCIETY MEMBERSHIPS:

- American Society for Nutrition
 - Director of Global Nutrition, ASN Board of Directors (2025-present)
 - Chair, Global Nutrition Council (2022-25)
- The Nutrition Society
- International Union of Nutritional Sciences
- Society for the Developmental Origins of Health and Adult Disease
- Society for the Study of Human Biology

VISITING POSITIONS AND FOREIGN EXPERIENCE:

2020	Adjunct Professor, University of São Paulo School of Public Health
2019	Advisor, Republic of Niger, Ministry of Health
2018	University of São Paulo School of Medicine, São Paulo, Brazil
2018	Advisor for Symposium to Address the Double Burden of Malnutrition, International Atomic Energy Agency, Austria
2016	University of São Paulo School of Public Health, São Paulo, Brazil
2015	Federal University of Health Sciences of Porto Alegre, Porto Alegre, Brazil
2015	Federal University of São Paul School of Medicine, São Paulo, Brazil
2008	Advisor, Government of Honduras, Ministry of Health and Education
2007	Tropical Medicine Research Unit, University of the West Indies, Mona, Jamaica
2006	Institute of Social Medicine, State University of Rio de Janeiro, Brazil
2005	National Center for Public Health Protection, Sofia, Bulgaria

SERVICE TO SCIENTIFIC COMMUNITY:

- National Institutes of Health, NIDDK Board of Scientific Counselor, Ad Hoc Reviewer.
- Global Nutrition Report, London, UK, Independent Expert Group.
- UNICEF South Sudan, Juba, Republic of South Sudan. Nutrition Consultant
- American Society for Nutrition, Bethesda, MD, Nutrition Research Task Force.
- Mexican National Institute of Nutrition, Cuernavaca, Mexico. Technical Consultant for Use of Stable Isotopes in Nutrition Research.
- Medical Research Council, London, UK, Reviewer for grant applications.
- Wellcome Trust, London, UK, Reviewer for grant applications.
- Institute of International Education, New York, USA Fulbright National Screening Committee, Reviewer for applications to Fulbright Scholarship program in Brazil.
- Writing for Scientific Publication, Mini-course conducted at selected universities.
- Wellcome Trust, DBT India Alliance, Reviewer for grant applications.
- International Atomic Energy Agency, Vienna, Austria. Expert Consultant for Nutritional and Health-Related Environmental Studies, Stable Isotope Methodologies.

- National Institutes of Health, Bethesda, MD. Scientific Panel for the National Children’s Study Growth and Body Composition Workshop.
- Federal University of Rio de Janeiro, School of Public Health, Brazil. Technical Consultant for Validation of a Dietary Survey Using Doubly-Labeled Water.
- Brigham and Women’s Hospital, Boston, MA Scientific Panel for Pregnancy Guidance Plan.
- Robert Wood Johnson Foundation, Washington, DC. Expert Panel: Use of BMI Surveillance to Prevent or Reverse Childhood Obesity.
- World Health Organization, Gates Foundation, and the World Bank. Collaborator with the Global Burden of Disease (GBD) Project, Tufts University, Friedman School of Nutrition Science and Policy, Expert Group on Nutrition and Chronic Diseases.
- Institute for Health Metrics and Evaluation. Collaborator with the Global Burden of Diseases, Injuries, and Risk Factors Study, University of Washington.
- National Research Foundation, South Africa. Reviewer for academic promotions.

SERVICE TO COMMUNITY:

- 2003 The New York Times, letter to the editor, “Challenges of Breastfeeding”
 2004 The New York Times, letter to the editor, “BMI Surveillance of Children in Public Schools”
 2005 Testimony to New Jersey Senate Education Committee, “Prevention of Childhood Obesity”
 2020 Testimony to New Jersey Senate Education Committee, “Improving School Food Programs”

EDITORIAL ACTIVITIES:

CURRENT

<i>Associate Editor</i>	European Journal of Clinical Nutrition (2025 to present)
<i>Associate Editor</i>	Food and Nutrition Bulletin (2020 to present)
<i>Associate Editor</i>	Journal of Nutrition (2025 to present)
<i>Section Editor</i>	Annals of Human Biology (2023-present)
<i>Editorial Advisor</i>	University of São Paulo (2019 to present)

PAST

<i>Editorial board</i>	Journal of Nutrition (2020 to 2025)
<i>Section Editor</i>	Encyclopedia of Human Nutrition, 4 th Edition. (2020)
<i>Associate Editor</i>	Public Health Nutrition (2018 to 2022)
<i>Deputy Editor</i>	British Journal of Nutrition (2014-2019)
<i>Editorial board</i>	Annals of Human Biology (2012 to present)
<i>Executive Editor</i>	Appetite (2007-2018)

AWARDS:

- 2010 Tufts University Friedman School of Nutrition Science and Policy Alumni Innovation
 2024 ASN Korean Nutrition Society Award for Scientific Achievement

LANGUAGES:

English	(native speaker)
Portuguese	(fluent)
Italian	(conversational)
Spanish	(basic)