### Jef L Leroy

Curriculum Vitae

**Work address**

International Food Policy Research Institute

1201 I St NW

Washington, DC 20005

USA

### Education

1998-2005 Cornell University, NY, USA - Doctor of Philosophy

Major: International Nutrition – Minors: Statistics, Epidemiology

1995-1998 Ghent University, Belgium – Master of Science (*Supra cum Laude*)

*Agricultural and Applied Biological Engineering*

1995-1998 Ghent University, Belgium – Degree of Teacher (*Magna cum Laude)*

Academic Teacher Training

1993-1995 Ghent University, Belgium - Bachelor of Science (*Supra cum Laude*)

applied Biological Sciences

### Professional development

2014 Advanced leadership training, European Nutrition Leadership Platform

2007 European Nutrition Leadership Program, Luxembourg

### Languages

Dutch (native), English, Spanish, and French

Basic to good understanding of German and Afrikaans

### Professional Experience

2015-present International Food Policy Research Institute (IFPRI), Washington DC, USA

Theme Leader for Nutrition-Sensitive Programs and for West-Africa

2014-present International Food Policy Research Institute (IFPRI), Washington DC, USA

Senior Research Fellow

2009-2013 International Food Policy Research Institute (IFPRI), Washington DC, USA

Research Fellow

2005-2009 Instituto Nacional de Salud Pública (INSP), Cuernavaca, Mexico

Research Associate

2000-2002 International Food Policy Research Institute, Washington DC

2001-2002 Fieldwork Manager Northern Ghana

### Projects

***Key research projects***

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| 2022-2024 | Redesigning GMPs to improve nutrition, health, and development of children (Bill&Melinda Gates Foundation)  Principal investigator - 774,676 USD |
| 2022-2026 | Optimizing approaches to wasting detection and enrollment into treatment (UNICEF)  Co-Principal Investigator – 2,000,000 USD |
| 2021-2024 | Evaluating the effectiveness of the Ehsaas Nashonuma Programme in Pakistan (Aga Khan University) Investigator – 471,000 USD |
| 2021-2023 | Strengthening a continuum of care strategy to address child wasting: a mixed-methods implementation research study in two Sahelian country settings Co-Principal Investigator – 300,000 USD |
| 2020-2022 | Generating Evidence on Integrated Approaches for the prevention and treatment of child wasting Co-Principal Investigator – 2,400,000 USD |
| 2020-2022 | Developing Guidance for RCTs in Agriculture, Nutrition, and Health (University of South Carolina) Co-Principal Investigator – 51,000 USD |
| 2020-2022 | The Accra food environment and adolescent nutrition study (Global Affairs Canada) Co-Principal Investigator – 1,900,000 USD |
| 2017-2025 | Leveraging social safety net programs in Bangladesh for improved nutrition outcomes (Bill&Melinda Gates Foundation) Co-Principal Investigator - 4,614,883 USD |
| 2017-2023 | MoreMilk: making the most of milk (Bill&Melinda Gates Foundation grant to ILRI) Principal Investigator (IFPRI portion) – 770,000 USD |
| 2010-2016 | Strengthening and Evaluating the “Preventing Malnutrition in Children Under Two Years of Age Approach” (PM2A) in Guatemala and Burundi (Food and Nutrition Technical Assistance II) Co-Principal Investigator - 10,000,000 USD |
| 2010 | Estimating the number of lives saved by current health and nutrition interventions (UNICEF) Principal Investigator - 45,000 USD |
| 2009-2010 | Impact evaluation of “Daycare centers for working mothers” (3ie – International Initiative for Impact Evaluation) Principal Investigator – 200,000 USD |
| 2008-2009 | The impact of conditional cash and in-kind transfers on women's body weight in rural Mexico (UCMEXUS) Principal Investigator – 25,000 USD |
| 2007-2008 | Impact evaluation of the Oportunidades program, long-term follow-up in rural areas (Mexican Ministry of Social Development, SEDESOL)  Investigator – 5,000,000 USD |
| 2007-2008 | Impact evaluation of “Daycare centers for working mothers” (Gender Action Plan of the World Bank) Co-Principal Investigator – 100,000 USD |
| 2007-2008 | Impact evaluation of “Daycare centers for working mothers” (Mexican Ministry of Social Development, SEDESOL) Principal Investigator – 8,400,000 MXN (840,000 USD) |
| 2007 | Evaluation of the design of “daycare centers for working mothers” (project Mexican Ministry of Social Development, SEDESOL) Principal Investigator – 275,000 Mexican Pesos (25,000 USD) |
| 2005-2008 | Efficacy of three supplements to improve the nutritional status of children and pregnant women (Oportunidades Program)Investigator – 1,680,000 US |
| 2009 | The impact of daycare programs on the child health, nutrition and development in developing countries (3ie – International Initiative for Impact Evaluation)Principal Investigator – 40,000 USD |
| 2008 | The impact of indirect (long-term) programs on micronutrient status – a review of the literature (IFPRI)Principal Investigator – 25,000 USD |
| 2006 | Impact analysis of nutrition interventions in mothers and children in Central America (WFP, Panama)  Principal Investigator – 37,000 USD |
| 2006 | A review of the literature on the determinants of foods and diets associated with cancer (IFPRI)  Principal Investigator – 13,000 USD |
| 2005-2007 | An estimation of the role of chronic diarrhea disease and its contribution to malnutrition (Fogarty International Center, NIH)Principal Investigator – 10,000 USD |
| 2004-2005 | Review of the links between livestock keeping and nutritional well-being (Cornell University) Principal Investigator – 6,000 USD |

**Honors and Awards**

2007 Teaching award National Institute of Public Health/Mexican School of Public Health

2006, 2007 Fellow International Nutrition Foundation

2004 Winner of the Society for International Nutrition Research Graduate Student Competition

1999-2004 Howard Hughes Medical Institute Predoctoral Fellow

1998-1999 Belgian American Educational Foundation Graduate Fellow

### Professional Membership

### Founding member Belgian Nutrition Society (BNS)

### Founding member World Public Health Nutrition Association (WPHNA)

### Member of the Mexican National System of Researchers (SNI)

### American Society for Nutrition (ASN), Global Nutrition Council

Member Governing Committee of the Global Nutrition Council, ASN (2011-2013)

### Professional Positions

2024-present Co-chair, UNICEF and WHO Technical Expert Advisory group on nutrition Monitoring (TEAM)

2023-present Member, UNICEF and WHO Technical Expert Advisory group on nutrition Monitoring (TEAM)

2018-present Member, Editorial Board, Journal of Nutrition

2016-present Member, Expert Advisory Group, National Information Platforms for Nutrition (NIPN)

* 1. Member, Expert Advisory Group, Fill the Nutrient Gap, World Food Program

2005-2016 Board Member, Gamma-Alpha Graduate Science Society, Cornell University Chapter

2003-2004 Treasurer, Gamma-Alpha Graduate Science Society, Cornell University Chapter

### Meetings organized

2022 Symposium “The challenge of nutrition leadership in a globalized world” and symposium “Revisiting the potential of growth monitoring and promotion” International Congress of Nutrition, Tokyo

2021 Learning laboratory *Conducting randomized controlled trials of complex interventions in agriculture, nutrition, and health*, Agriculture, Nutrition, and Health Academy Week, virtual

2020 Symposium, *Urban food systems for better diets and health: new research and innovations,* 4th International Conference on Global Food Security, virtual, December

2020 Symposium, *Agriculture and nutrition: recent learning and future directions*, Micronutrient Forum 5th Global Conference, virtual, October

2020 Plenary, *Supporting adequate child growth in times of crisis: Why does it matter?* POSHAN implementation research conference, virtual, September

2020 Plenary, *Complex randomized controlled trials*, Agriculture, Nutrition, and Health Academy Week, virtual

2019 Learning laboratory *Appropriate use of linear growth*, Agriculture, Nutrition, and Health Academy Week, Accra, Hyderabad, India

2019 Symposium, *Catch-up in child growth and development*, Nutrition 2019, Baltimore

2018 Learning laboratory *Appropriate use of linear growth*, Agriculture, Nutrition, and Health Academy Week, Accra, Ghana, June

2018 Symposium, *La complejidad de la doble carga de la malnutrición: de la fisiología a las políticas*, Congreso SLAN, Guadalajara, Mexico

2017 Symposium, *Meaning of linear growth: Appropriate use of growth as a measure in development*, International Congress of Nutrition, Buenos Aires, October

2017 Symposium, *The need for global leadership in nutrition*, International Congress of Nutrition, Buenos Aires, October

2016 Symposium, *Guatemala’s PROCOMIDA Program: The theory and practice behind a comprehensive evaluation of nutrition sensitive program*, Congreso SLAN, Punta Cana, Dominican Republic

2013 Symposium, *Generating evidence of impact for integrated programs aimed to improve child nutrition during the first 1000 days*, International Congress of Nutrition, Granada, Spain

2012 Joint BMGF-IFPRI meeting, The impact of mycotoxins on child nutritional status, Washington DC

2012 Symposium, *Generating relevant knowledge for policy and action: Rigorous evaluations of interventions to improve programming and decision making*, World Public Health Nutrition Conference, Rio de Janeiro, Brazil.

2011 Symposium, *Measuring the health and nutrition impact of large-scale programs: using RCTs and beyond*, 3ie Mind the Gap Conference, Cuernavaca, Mexico.

2009 Symposium, *Protecting nutrition in times of food price crisis: Programs and policy responses*, International Conference on Nutrition, Bangkok, Thailand.

2007 Symposium, *From Efficacy Trial to Public Health Impact: Improving Delivery and Utiliziation of Nutrition Programs*, Experimental Biology, Washington DC, USA

**Teaching and Capacity Building**

2019 Invited lecture, *What does stunting really mean?*, Graduate course, Inge Brouwer, Wageningen University, April

2019 Invited lecture, *What does stunting really mean?*, Graduate course, Uriyoan Colon-Ramos, George Washington University, April

2018 Invited lecture, *Evaluating the impact of integrated nutrition programs*, Graduate course Rebecca Heidkamp, Johns Hopkins University, October

2018 Invited lecture, *Evaluation of nutrition sensitive programs*, Graduate course, Uriyoan Colon-Ramos, George Washington University, April

2016 Invited lecture, *The impact of a food-assisted maternal and child health and nutrition program in Burundi on child and maternal Hb and anemia and pathways of impact*, Graduate course, Uriyoan Colon-Ramos, George Washington University, April

2014 Invited lecture, *The impact of cash and in-kind transfers in a Population of Women with a High Prevalence of Overweight in Rural Mexico*, Maastricht University, Netherlands, June

2014 Invited lecture, *Linear Growth Deficit Continues to Accumulate beyond the First 1000 Days in Low- and Middle-Income Countries,* Graduate course, Uriyoan Colon-Ramos, George Washington University, April

2013 Invited lecture, *The impact of cash and in-kind transfers in a Population of Women with a High Prevalence of Overweight in Rural Mexico,* Graduate course, Uriyoan Colon-Ramos, George Washington University, March

2012 Invited lecture, *The impact of multisectoral programs on child dietary diversity,* Graduate course, Uriyoan Colon-Ramos, George Washington University, February.

2011 Invited presentation, *Evaluating the nutritional impact of agricultural programmes: why and how?*, Comprehensive African Agricultural Development Programme (CAADP) Nutrition Program Development Workshop, Dakar, Senegal, November

2010 Invited lecture, *The Oportunidades* program, Graduate course, Suresh Babu, American University's School of International Service, April

2008, 2009, 2010 Short course on impact evaluation, MSc program in Nutrition and Rural Development, Ghent University (Belgium)

2008-2009 Adjunct coordinator MSc program (Health economics), National Institute of Public Health

2007-2009 Head strategic planning group for the academic program of the Center for Evaluation Research and Surveys, National Institute of Public Health

2007-2009 Organizer multidisciplinary research methods seminar at the International Institute of Public Health, Mexico. Weekly seminar featuring presentations by students, faculty and invited speakers. The seminar was turned into an obligatory graduate course.

2005-2009 Member of the “Colegio de Profesores” of the MSc program in Health Economics and the PhD program in Health Systems.

2005-2009 Taught graduate courses in basic and advanced statistical & epidemiological methods, Mexican School of Public Health (ESPM), an academic program accredited by the Council on Education for Public Health (independent agency recognized by the US Department of Education to accredit schools of public health).

2005-2009 Graduate course on impact evaluation (ESPM). New course designed to respond to the increasing need for training in this area.

2005-2009 Invited lecturer in international courses on impact evaluation organized by the World Bank, the Mexican Ministry of Foreign Affairs, UNAIDS and MEASURE Evaluation (USAID’s Monitoring and Evaluation to Assess and Use Results framework). Courses for international groups in Mexico and Trinidad.

**Graduate students**

Leandra Oerter: *Determinants of Food Insecurity in Adolescents: Findings from the Accra urban adolescent nutrition study*. Internship Master’s Program (2022): Wageningen University, Netherlands.

Audrey Papucci: *Evaluation of multiannual and seasonal cash transfers to prevent acute malnutrition.* Committee member PhD Thesis (2016). Ghent University, Belgium.

Roos Verstraeten: *A community intervention in school-going adolescents in Ecuador: a cluster randomized controlled trial.* Committee member PhD Thesis (2014). Ghent University, Belgium.

Claudia Olivia Martinez Ocampo: *Factores asociados con la inasistencia a los servicios preventivos de salud infantil del Programa Oportunidades.* Director Master’s Thesis (2009). Mexican School of Public Health, Cuernavaca.

Yared Santa Ana Tellez: *Nutritional status and diet of vulnerable and orphaned children in HIV/AIDS affected households in Cameroon, Kenya and Zambia.* Director Master’s thesis (2008). Mexican School of Public Health, Cuernavaca.

Claudia Ivonne Ramirez: *Short term of impact evaluation of the Oportunidades program on the dietary intake of energy, iron, zinc and vitamin A in children from 1 to 4 years of age living in rural areas.* Committee member Master’s Thesis (2006). Mexican School of Public Health, Cuernavaca.

### Software components

zscore06: Stata command for the calculation of anthropometric z-scores using the 2006 WHO child growth standards

### Publications

**Research articles in journals**

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| 1 | **Leroy** JL, CJ van Rooyen, et al. (2000). "Business orientation and the food security status of small scale producers in the Venda region, South Africa." Agrekon 39(1): 90-98. |
| 2 | **Leroy** JL, J van Rooyen, et al. (2001). "A Quantitative Determination of the Food Security Status of Rural Farming Households in the Northern Province of South Africa." Development Southern Africa 18(1): 5-17. |
| 3 | **Leroy JL**, JP Habicht, SM Bertozzi, G Pelto (2007e). “Current Priorities in Health Research Funding and Lack of Impact on the Number of Child Deaths per Year.” American Journal of Public Health. 97(2):219-23. (Editor’s choice) |
| 4 | González-de-Cossío T, JP Gutiérrez, D González-Castell, S Rodríguez-Ramírez, M Unar, JL **Leroy**, P Gadsden, G Hernández-Licona, P Gertler (2007d). “Lecciones aprendidas en la evaluación del Programa de Ayuda Alimentaria”. Salud Pública de México 49:E245-E249 Edición especial, XII congreso de investigación en salud pública |
| 5 | **Leroy JL**, E Frongillo (2007c). “Can interventions to promote animal production ameliorate undernutrition?”. Journal of Nutrition 137: 2311-2316. |
| 6 | **Leroy JL**, JP Habicht, SM Bertozzi, G Pelto (2007b). “Leroy et al. respond”. American Journal of Public Health 97(10): 1733. (response to letter “Inattention to the fidelity of health care delivery is costing lives” by Steven H. Woolf and Robert E. Johnson, American Journal of Public Health 97(10): 1732-32.) |
| 7 | Randolph, TF, E Schelling, D Grace, CF Nicholson, **JL Leroy**, D Peden, DC Cole, MW Demment, A Omore, J Zinsstag, M Ruel (2007a). “Role of livestock in human nutrition and ealth for poverty reduction in developing countries”. Journal of Animal Science 85(11): 2788-2800. |
| 8 | **Leroy JL**, P Menon (2008d). “From Efficacy to Public Health Impact: A call for Research on Program delivery and utilization in nutrition”. Journal of Nutrition 138: 628-629. |
| 9 | **Leroy JL**, H Vermandere, L Neufeld, S. Bertozzi (2008c). “Improving enrollment and utilization of the Oportunidades program in Mexico could increase its effectiveness”. Journal of Nutrition 138: 638-641. |
| 10 | **Leroy JL**, A García-Guerra, R García, C Dominguez, J Rivera, L Neufeld (2008b). “The Oportunidades program improves child growth in urban Mexico”. Journal of Nutrition 138: 793-798. |
| 11 | **Leroy** JL, AA Razak, JP Habicht (2008a). “My father is the head of household: intra-household inequities in child nutrition worsen with increased household food availability in rural Northern Ghana.” Journal of Nutrition 138: 2258-2263. |
| 12 | **Leroy** JL, M Ruel, E Verhofstadt (2009). “The Impact of Conditional Cash Transfer Programmes on Nutrition: A review of evidence using a programme theory framework”. Journal of Development Effectiveness. 1(2): 103-129. |
| 13 | BNS founding members (2009). “Establishing a Belgian Nutrition Society (BNS): Filling the Void (Editorial)”. Archives of Public Health. 67: 4-6. |
| 14 | **Leroy JL**, Gadsden P, Rodríguez-Ramírez S, González de Cossío T (2010). “Cash and in-kind transfers in poor rural communities in Mexico increase household fruit and vegetable and micronutrient consumption but also lead to excessive energy consumption”. Journal of Nutrition 140: 612-617. |
| 15 | **Leroy JL**, Gadsden P, Guijarro M (2011). “The impact of daycare programs on child health, nutrition and development in developing countries: a systematic review.” International Initiative for Impact Evaluation Systematic Review 007. |
| 16 | **Leroy JL**, Gadsden P, Guijarro M (2012). “The impact of daycare programs on child health, nutrition and development in developing countries: a systematic review.” Journal of Development Effectiveness. 4(3): 472-496. |
| 17 | Verstraeten R, Roberfroid D, Lachat C, **Leroy JL**, Holdsworth M, Maes L, Kolsteren P (2012). “Effectiveness of preventive school-based obesity interventions in low- and middle-income countries: a systematic review.” American Journal of Clinical Nutrition. 96(2):415-38. |
| 18 | **Leroy JL**, Gadsden P, González de Cossío T, Gertler P (2013). “Cash and in-kind transfers lead to excess weight gain in a population of women with a high prevalence of overweight in rural Mexico”. Journal of Nutrition. 143: 378-383. |
| 19 | Ramírez-Silva I, Rivera JA, **Leroy JL**, Neufeld LM (2013). “The Oportunidades program’s fortified food supplement, but not improvements in the home diet, increased the intake of key micronutrients in rural Mexican children 12-59 months of age”. Journal of Nutrition. 143: 378-83. |
| 20 | **Leroy JL**, Ruel M, Habicht JP (2013). “Critical windows for nutritional interventions against stunting”. American Journal of Clinical Nutrition. 98: 854-5. |
| 21 | **Leroy JL**, Habicht J-P, González de Cossío T, Ruel MT (2014). Maternal education mitigates the negative effects of higher income on the double burden of child stunting and maternal overweight in rural Mexico. Journal of Nutrition.144:765–70. |
| 22 | **Leroy JL**, Ruel M, Habicht J-P, Frongillo EA (2014). Linear Growth Deficit Continues to Accumulate beyond the First 1000 Days in Low- and Middle-Income Countries: Global Evidence from 51 National Surveys. Journal of Nutrition. 144:1460-1466. |
| 23 | **Leroy JL**, Ruel M, Habicht J-P, Frongillo EA (2014). Reply to Victora et al. Journal of Nutrition.144. |
| 24 | **Leroy JL**, Ruel M, Frongillo EA, Harris J, Ballard TJ (2015). Measuring the Food Access Dimension of Food Security: A Critical Review and Mapping of Indicators. Food and Nutrition Bulletin. 36(2):167-95 |
| 25 | **Leroy JL**, Ruel M, Habicht J-P, Frongillo EA (2015). Using height-for-age differences (HAD) instead of height-for-age z-scores (HAZ) for the meaningful measurement of population-level catch-up in linear growth in children less than 5 years of age. BMC Pediatrics.15:145*.* |
| 26 | Hoffmann V, Jones K, **Leroy J** (2015). Mitigating aflatoxin exposure to improve child growth in Eastern Kenya: study protocol for a randomized controlled trial. Trials. 16(1):552 |
| 27 | **Leroy JL**, Jones K, Wang JS (2015). Serum Aflatoxin B1-lysine adduct level in adult women from Eastern Province in Kenya depends on household socio-economic status: a cross sectional study. Social Science and Medicine. 146:104-10*.* |
| 28 | Schwartzbord JR, **Leroy JL**, Severe L, Brown DL (2016). Urinary aflatoxin M1 in Port-au-Prince and a rural community in northeast Haiti. Food Addit Contam Part A. 33(6):1036-42. |
| 29 | Jensen M, Frongillo EA, **Leroy JL**, Blake CE (2016). Participating in a food-assisted maternal and child nutrition and health program in rural Guatemala alters household dietary choices. Journal of Nutrition. 146: 1593-600. |
| 30 | Verstraeten R , **Leroy JL**, Pieniak Z, Ochoa-Avilès O, Holdsworth M, Verbeke W, Maes L, Kolsteren PW (2016). Individual and environmental factors influencing adolescents’ dietary behavior in low- and middle-income settings. PLOS One. 11: e0157744 |
| 31 | **Leroy JL**, Olney D, Ruel M (2016). Tubaramure, a food-assisted integrated health and nutrition program in Burundi affects maternal and child hemoglobin levels and reduces anemia: a theory-based cluster-randomized controlled intervention trial. Journal of Nutrition. 146: 1601-8. |
| 32 | Huybregts L, Becquey E, Zongrone A, Le Port A, Khassanova R, Coulibaly L, **Leroy JL**, Rawat R, Ruel MT (2017). The impact of integrated prevention and treatment on child malnutrition and health: the PROMIS project, a randomized control trial in Burkina Faso and Mali. BMC Public Health. 17:237. |
| 33 | **Leroy JL**, Olney D, Ruel M (2018). Tubaramure, a Food-Assisted Integrated Health and Nutrition Program reduces child stunting in Burundi: a Cluster-Randomized Controlled Intervention Trial. JNutr. 148:445-452. |
| 34 | **Leroy JL**, Sununtnasuk C, Ruel M (2018). Understanding the determinants of adolescent nutrition in Bangladesh. Annals of the NYAS. 1416: 18-30. |
| 35 | Ledlie N, Alderman H, **Leroy JL**, You L (2018). Rainfall shocks are not necessarily a sensitive early indicator of changes in wasting prevalence. EJCN. 72: 177-178. |
| 36 | **Leroy JL**, Sununtnasuk C, García-Guerra A, Wang JS (2018). Low level aflatoxin exposure associated with greater linear growth in southern Mexico: a longitudinal study. MCN. 14(4):e12619. |
| 37 | Olney D, **Leroy JL**, Bliznashka L, Ruel M (2018).*PROCOMIDA*, a Food-Assisted Maternal and Child Health and Nutrition Program, Reduces Child Stunting in Guatemala: A Cluster-Randomized Controlled Intervention Trial. JNutr. 148: 1493–1505. |
| 38 | Hoffmann V, Jones K, **Leroy JL** (2018). The impact of reducing dietary aflatoxin exposure on child linear growth: a cluster randomised controlled trial in Kenya. BMJ Global Health. 3:e000983. |
| 39 | Frongillo EA, **Leroy JL**, Lapping K (2019). Appropriate Use of Linear Growth Measures to Assess Impact of Interventions on Child Development and Catch-Up Growth. Advances in Nutrition. 10(3):372-379. |
| 40 | **Leroy JL**, Frongillo EA (2019). Perspective: What Does Stunting Really Mean? A Critical Review of the Evidence. Advances in Nutrition. 10(2): 196-204. |
| 41 | Olney D, **Leroy JL**, Bliznashka L, Ruel M (2019). A Multisectoral Food-Assisted Maternal and Child Health and Nutrition Program Targeted to Women and Children in the First 1000 Days Increases Attainment of Language and Motor Milestones among Young Burundian Children. Journal of Nutrition. 149(10):1833-1842. |
| 42 | **Leroy JL**, Olney D, Ruel M (2019). PROCOMIDA, a Food-Assisted Maternal and Child Health and Nutrition Program, Contributes to Postpartum Weight Retention in Guatemala: A Cluster-Randomized Controlled Intervention Trial. Journal of Nutrition. 149(12):2219–2227. |
| 43 | Becquey E, Huybregts L, Zongrone A, le Port A, **Leroy JL**, Rawat R, Touré M, Ruel MT (2019). Impact on child acute malnutrition of integrating a preventive nutrition package into facility-based screening for acute malnutrition during well-baby consultation: A cluster-randomized controlled trial in Burkina Faso. PLOS Medicine. 16(8):e1002877. |
| 44 | Huybregts L, le Port A, Becquey E, Zongrone A, Barba F, Rawat R, **Leroy JL**, Ruel MT (2019). Impact on child acute malnutrition of integrating small-quantity lipid-based nutrient supplements into community-level screening for acute malnutrition: A cluster randomized controlled trial in Mali. PLOS Medicine. 16(8):e1002892. |
| 45 | Heckert J, **Leroy JL**, Olney DK, Richter S, Iruhiriye E, Ruel MT (2020). The cost of improving nutritional outcomes through food-assisted maternal and child health and nutrition programs in Burundi and Guatemala. Maternal and Child Nutrition. 16(1):e12863. |
| 46 | **Leroy JL**, Olney D, Bliznashka L, Ruel M (2020). *Tubaramure*, a food-assisted maternal and child health and nutrition program in Burundi, increased household food security and energy and micronutrient consumption, and maternal and child dietary diversity: a cluster-randomized controlled trial. Journal of Nutrition. 150(4):945-957. |
| 47 | Quisumbing AR, Ahmed A, Gilligan D, Hoddinott J, Kumar N, **Leroy JL**, Menon P, Olney DK, Roy S, Ruel M (2020). Randomized controlled trials of multi-sectoral programs: Lessons from development research. World Development. 127:104822. |
| 48 | Barba F, Huybregts L, **Leroy JL** (2020). Incidence correction factors for moderate and severe acute child malnutrition from two longitudinal cohorts in Mali and Burkina Faso. American Journal of Epidemiology. 189 (12), 1623-1627. |
| 49 | **Leroy JL**, Frongillo EA, Dewan P, Black MM, Waterland RA (2020). Can children catch up from the consequences of undernourishment? Evidence from child linear growth, developmental epigenetics, and brain and neurocognitive development. Advances in Nutrition. 11 (4), 1032-1041. |
| 50 | **Leroy JL**, Olney D, Nduwabike N, Ruel M (2021). *Tubaramure*, a Food-Assisted Integrated Health and Nutrition Program, reduces child wasting in Burundi: a Cluster-Randomized Controlled Intervention Trial. Journal of Nutrition. 151 (1), 197-205. |
| 51 | Frongillo EA, **Leroy JL** (2021). Evaluation of Complex Agriculture, Nutrition, and Health Interventions Leading to Sustainable Healthy Diets. Journal of Nutrition. 151 (7), 1682-1683. |
| 52 | Dewey K, Wessells KR, Arnold CD, Prado EL, Abbeddou S, Adu-Afarwuah S, Ali H, Arnold BF, Ashorn P, Ashorn U, Ashraf S, Becquey E, Bendabenda J, Brown K, Christian P, Colford JM, Dulience SJL, Fernald LCH, Galasso E, Hallamaa L, Hess SY, Humphrey JH, Huybregts L, Iannotti LL, Jannat K, Lartey A, Le Port A, **Leroy JL**, Luby SP, Maleta k, Matias SL, Mbuya MNN, Mridha MK, Nkhoma M, Null C, Paul RR, Okronipa H, Ouedraogo JB, Pickering AJ, Prendergast AJ, Ruel M, Shaikh S, Weber AM, Wolff P, Zongrone A, Stewart CP (2021). Characteristics that modify the effect of small-quantity lipid-based nutrient supplementation on child growth: an individual participant data meta-analysis of randomized controlled trials. American Journal of Clinical Nutrition. 114 (S1), 15S-42S. |
| 53 | Wessells KR, Arnold CD, Stewart CP, Prado EL, Abbeddou S, Adu-Afarwuah S, Arnold BF, Ashorn P, Ashorn U, Becquey E, Brown KH, Byrd KA, Campbell RK, Christian P, Fernald LCH, Fan YM, Galasso E, Hess SY, Huybregts L, Jorgensen JM, Kiprotich M, Kortekangas E, Lartey A, Le Port A, **Leroy JL**, Lin A, Maleta K, Matias SL, Mbuya MNN, Mridha MK, Mutasa K, Naser AM, Paul RR, Okronipa H, Ouedraogo JB, Pickering AJ, Rahman M, Schulze K, Smith LE, Weber AM, Zongrone A, Dewey KG (2021). Characteristics that modify the effect of small-quantity lipid-based nutrient supplementation on child anemia and micronutrient status: an individual participant data meta-analysis of randomized controlled trials. American Journal of Clinical Nutrition. 114 (S1), 68S-94S. |
| 54 | **Leroy JL**, Koch B, Roy S, Gilligan D, Ruel M (2021). Social assistance programs and birth outcomes: a systematic review and assessment of nutrition and health pathways. Journal of Nutrition. 151 (12), 3841-3855. |
| 55 | **Leroy JL**, Frongillo EA, Borghi E (2022). Using height-adjusted stunting prevalence will fail disadvantaged children worldwide. The Lancet Global Health. 10, e620. |
| 56 | **Leroy JL**, Frongillo EA, Kase BE, Alonso S, Chen M, Dohoo I, Huybregts l, Kadiyala S, Saville NM (2022). Strengthening causal inference from randomised controlled trials of complex interventions. BMJ Global Health. 7(6), e008597. |
| 57 | Dewey KG, Arnold CD, Wessells KR, Prado EL, Abbeddou S, Adu-Afarwuah S, Ali H, Arnold BF, Ashorn P, Ashorn U, Ashraf S, Becquey E, Brown KH, Christian P, Colford JM, Dulience SJL, Fernald LCH, Galasso E, Hallamaa L, Hess SY, Humphrey JH, Huybregts L, Iannotti LL, Jannat K, Lartey A, Le Port A, **Leroy JL**, Luby SP, Maleta K, Matias SL, Mbuya MNN, Mridha MK, Nkhoma M, Null C, Paul RR, Okronipa H, Ouedraogo JB, Pickering AJ, Prendergast AJ, Ruel M, Shaikh S, Weber AM, Wolff P, Zongrone A, Stewart CP (2022). Preventive small-quantity lipid-based nutrient supplements reduce severe wasting and severe stunting among young children: an individual participant data meta-analysis of randomized controlled trials. American Journal of Clinical Nutrition. 116 (5), 1314-1333. |
| 58 | Alonso S, Donahue Angel M, Muunda E, Kilonzi E, Palloni G, Grace D, **Leroy JL** (2023). Consumer Demand for Milk and the Informal Dairy Sector Amidst COVID-19 in Nairobi, Kenya. Current Developments in Nutrition. 7 (4), 100058. |
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