

ELISABETTA AURINO

Department of Economics and Public Policy

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EMPLOYMENT

Imperial College Business School, Department of Economics and Public Policy
& Centre for Health Economics and Policy Innovations
Research Fellow, December 2017 – present

Seven-month maternity leave break (October 2019 – May 2020)

Imperial College London, School of Public Health

Research Fellow, July 2014 - March 2016

University of Oxford, Department of International Development

Research Assistant, July 2012 – June 2014

OTHER AFFILIATIONS

University Pompeu Fabra, Department of Economics (Spain), Visiting professor (A.Y. 2020-21)

Imperial College London (UK), Centre for Health Economics and Public Policy

University of Oxford (UK), Department of International Development, Young Lives Study

Research Associate, August 2014 – present

University of London (UK), Leverhulme Centre for Research on Agriculture and Health (LCIRAH)

Research Associate, November 2014 - present

EDUCATION

2013 **Ph.D.**, Development Economics, University of Roma Tre, Italy.
Thesis on measurement of child poverty and food security

2009 **M. A.**, Economics, University of Roma Tre, Italy. *Summa cum Laude*

2006 **B.A.**, Economics, University of Roma Tre, Italy. *Summa cum Laude*

GRANTS AND AWARDS

2021 *Principal Investigator*: Imperial College and UKRI COVID-mitigation fund (**£17,000**)

2020 *Principal Investigator*: Children’s learning and development in the time of Covid19: Evidence from an ongoing longitudinal study in Ghana (**£83,000**). Funding: UKRI-Newton Fund

Co-Principal Investigator: Nudges to improve learning and gender parity: Supporting parent engagement and Ghana’s educational response to Covid-19 using mobile phones. Funding: World Bank (**\$300,000**), Jacobs Foundation (**CHF100,000**) and EDTech (**£30,000**). PI: Sharon Wolf, University of Pennsylvania, US

Co-Investigator, “Food Insecurity, Intrahousehold Dynamics, and Lifecourse Outcomes”. Funding: UKRI (**£1,500,000**). PI: Jasmine Fledderjohann, University of Lancaster, UK

2019 *Principal Investigator*, Examining long-term impacts of the ‘Quality Preschool for Ghana’ interventions on academic and non-academic outcomes in middle childhood. Funding: British Academy, Global Challenges Research Fund on Early Childhood Education (**£300,000**)

2017 *Principal Investigator*, “Imperial College Research Fellowship”. Funding: Imperial College London (**£250,000**).

Principal Investigator, “Guido Cazzavillan Research Fellowship”. Funding: University of Venice

and Mobiliare Veneta (**€52,000**)

Co-Investigator, “Informing the delivery of nutrition interventions for Adolescent Girls and Women”. Funding: The Sackler Institute for Nutrition Science. (**\$50,000**). PI: Dr Whitney Schott, University of Pennsylvania, US

2015 *Co-Principal Investigator*, “Impact of humanitarian food assistance on children’s nutrition and education during the conflict in Mali”. Funding: 3ie (\$300,000). PI: Dr Aulo Gelli, IFPRI, US

Co-Investigator, “The Sackler Institute Collaborative Research Initiative on Adolescent Nutrition”. Funding: The Sackler Institute for Nutrition Science. (**\$50,000**). PI: Prof Jere Behrman, University of Pennsylvania, US

2014 *Co-Principal Investigator*, “Impact Evaluation of Home-Grown School Feeding in Ghana on Education, Nutrition and Household Food Security”. Funding: Bill & Melinda Gates Foundation & Dubai Cares, PI: Prof Lesley Drake, Imperial College London, UK (joined team in 2014 as co-PI, **\$10m**)

Associazione Scuola di Atene, Italy: winner of national-level competition for best PhD thesis, 1st prize (**€2,000**)

2013 International Statistical Institute, Netherlands: winner of the contest for young statisticians for travel, hotel and conference attendance (**about €2,000**)

2010 Ministry of Education, Italy: Three-year PhD fellowship (**€33,000**)

PUBLICATIONS

Journal articles

1. Azupogo, F., Abizari, A., **Aurino**, E. et al., (2021). Trends and Factors Associated with the Nutritional Status of Adolescent Girls in Ghana: A Secondary Analysis of the 2003-2014 Ghana Demographic and Health Survey (GDHS) Data. *Public Health Nutrition*.
2. **Aurino**, E. & Giunti, S. (2021). Social protection for child development in crisis: A review of evidence and knowledge gaps. *World Bank Research Observer*
3. **Aurino**, E., Gelli, A., Adamba, C., Osei-Akoto, I., Alderman, A. (2020) Food for thought? Experimental evidence on the impact of a large-scale school feeding program on learning. *Journal of Human Resources*
4. Segal, A., Huerta, C., **Aurino**, E., Sassi, F. (2020). The impact of childhood obesity on human capital in high-income countries: A systematic review. *Obesity Reviews*
5. **Aurino**, E., Wolf, S., Tsinigo, E. (2020). Household food insecurity and early childhood development: Longitudinal evidence from Ghana. *PLOS One*
6. Azupogo F, Abizari A-R, **Aurino** E, Gelli A, Osendarp SJM, Bras H, Feskens EJM, Brouwer I. (2020). Malnutrition, hypertension risk, and correlates: an analysis of the 2014 Ghana demographic and health survey data for 15-19 years adolescent boys and girls, *Nutrients* 12
7. **Aurino**, E., Tranchant J-P, Gelli, A., Sekou-Diallo, A. (2019). School feeding or general food distribution? Quasi-experimental evidence on the educational impacts of emergency food assistance during conflict in Mali. *Journal of Development Studies*
8. Schott, W., **Aurino**, E. Behrman, J.R., Penny, M. (2019). The double burden of malnutrition among youth: trajectories and inequalities in four emerging economies. *Economics and Human Biology*
9. **Aurino**, E., Fledderjohann, J., Vellakkal, S, (2019). Inequalities in adolescent learning: Does the timing and persistence of food insecurity at home matter? *Economics of Education Review*

10. Tranchant J-P, Gelli A, Bliznashka L, Diallo AS, Sacko M, Assima A, Siegel EH, **Aurino E.**, Masset E. (2019), The impact of food assistance on food insecure populations during conflict: Evidence from a quasi-experiment in Mali, *World Development*
11. Gelli, A., **Aurino, E.**, et al. (2019). A School Meals Program Implemented at Scale in Ghana Increases Height-for-Age during Midchildhood in Girls and in Children from Poor Households: A Cluster Randomized Trial. *Journal of Nutrition*
12. **Aurino E.**, Schott W., Behrman J.R., Penny M. (2019), Nutritional Status from 1 to 15 years and Adolescent Learning for Boys and Girls in Ethiopia, India, Peru and Vietnam, *Population Research and Policy Review* [Invited to *Special Issue* on ‘Early life circumstances and their effects over the lifecourse led by Florencia Torche]
13. Schott, W., **Aurino, E.**, Penny, M., Behrman, J.R. (2019). Time use and sexual maturity-related indicators differentially predict youth body mass indices, Peruvian girls versus boys. *Annals of the New York Academy of Sciences* [Invited to *Special Issue* on ‘Adolescent nutrition’ organised by Sackler Nutrition Foundation]
14. **Aurino, E.**, Morrow, V. (2018). “Since the food prices rose, the dal is watery” Mixed-method evidence on food insecurity, food programmes and children’s diets in India. *World Development*
15. Bundy, D., Jamison, D., Horton, S. et al (2018). Investment in child and adolescent health and development: key messages from *Disease Control Priorities*, 3rd Edition *Lancet*
16. Azupogo F, **Aurino E.**, Gelli A, Bosompem KM, Ayi I, Osendarp SJM, Brouwer ID, Folson G. et al., (2018), Agro-ecological zone and farm diversity are factors associated with haemoglobin and anaemia among rural school-aged children and adolescents in Ghana., *Maternal and Child Nutrition*
17. **Aurino, E.** (2017). Do Boys Eat Better than Girls in India? Longitudinal Evidence on Dietary Diversity and Food Consumption Disparities among Children and Adolescents. *Economics and Human Biology*
18. **Aurino, E.**, Schott, W., Behrman, J., Penny, M.E. (2017) Birthweight and prepubertal body size predict timing of menarche in India, Peru and Vietnam. *Annals of the New York Academy of Sciences* [Invited to *Special Issue* on ‘Adolescent nutrition’ organised by Sackler Nutrition Foundation]
19. Schott, W. **Aurino, E.**, Penny, M. E. Behrman, J. (2017). Adolescent Mothers’ Height/BMI Growth Velocity in Childhood Predict Next Generation’s Anthropometrics within a Three-Generational Framework in Ethiopia, India, Peru and Vietnam. *Annals of New York Academy of Sciences* [Invited to *Special Issue* on ‘Adolescent nutrition’ organised by Sackler Nutrition Foundation]
20. Picchioni, F., **Aurino, E.**, Aleksandrowicz, L. et al (2017). Roads to Interdisciplinarity. Working at the Nexus between Food Systems, Nutrition and Health. *Food Security*
21. Fernandes, M., Folson, G., **Aurino, E.**, & Gelli, A. (2017). A Free Lunch or a Walk Back Home? Dietary Behaviours and Food Environments of School-Age Children and Adolescents in Ghana. *Food Security*
22. **Aurino, E.**, Fernandes, M., Penny, M. E. (2017). The nutrition transition and adolescents’ diets in low- and middle-income countries: A cross-cohort comparison. *Public Health Nutrition*
23. Fernandes, M., Galloway, R., Gelli, A., **Aurino, E.** et al. (2016). Enhancing Linkages Between Healthy Diets, Local Agriculture and Sustainable Food Systems: The School Meal Planner Package in Ghana. *Food Nutrition Bulletin*
24. **Aurino, E.**, & Burchi, F. (2016) Children’s Multidimensional Health and Long-run Cognitive Skills in

Low- and Middle-Income Countries. *European Journal of Development Research*

25. Gelli, A., Masset, E. Folson, G., **Aurino, E.** et al. (2016) Evaluation of alternate school feeding models on nutrition, education, agriculture and other social outcomes in Ghana: Rationale, randomised design and baseline data. *Trials*

Current projects/Drafts in progress

- Manna from the sky? Rainfall shocks and children's diets (with M. Miraldo, C. Millett, & M. Favara)
- The rise and fall of socioeconomic gradients in height around the world (with A. Lleras-Muney, A. Tarozzi, and B. Tinoco)
- How much are school feeding worth? (with H. Alderman, A. Gelli)
- The impact of home-grown school feeding on agriculture and food security. Experimental evidence from Ghana (with H. Alderman, A. Gelli, E. Masset)
- Socioeconomic gradients in social-emotional development: longitudinal evidence from four emerging economies (with A. Tarozzi)
- Children's Learning in the Time of COVID-19 in Ghana: The Protective Role of Quality Early Childhood Education (with S. Wolf, J. Behrman, L. Aber)
- Nudges to improve learning and gender parity: Supporting parent engagement and Ghana's educational response to Covid-19 using mobile phones (with S. Wolf) AEA registry trial: [AEA RCT Registry ID: AEARCTR-0006118] (fieldwork on-going)
- Long-term effects of early childhood education on child development (fieldwork on-going)

Book chapters

1. **Aurino, E.** (forthcoming) Food security and Global Health. In M. Sbaiti and P. Vineis (eds). *Handbook of Global Health*. Wiley Press
2. Gelli, A., **Aurino, E.** (2021, *forthcoming*). School food procurement and making the links between agriculture, health, and nutrition. In: *Sustainable sourcing: food procurement for sustainable food systems and healthy diets*. Rome: FAO, Bioversity International and Brazilian Federal University of Rio Grande do Sul
3. Giunti, S., **Aurino, E.**, Masset, E., Daidone, S., Prift, E. (2021, *forthcoming*). Assessing the Impacts of Home Grown School Feeding Programs. In: *Sustainable sourcing: food procurement for sustainable food systems and healthy diets*. Rome: FAO, Bioversity International and Brazilian University of Rio Grande do Sul.
4. Gioli, G., et al. (2019). Understanding poverty and Tackling Poverty and Vulnerability in Mountain Livelihoods in the Hindu Kush Himalaya. In: *The Hindu Kush Himalaya Assessment. Mountains, Climate Change, Sustainability and People*. Springer.
5. Drake, L., Fernandes, M., **Aurino, E.**, et al. (2017) School Feeding Programs in Middle Childhood and Adolescence. In: *Disease Control Priorities Vol. 8. Child and Adolescent Health and Development*. Seattle and Washington, D. C.: University of Washington & World Bank
6. Fernandes, M., & **Aurino, E.**, (2017) Cost-effectiveness analysis of health interventions targeting school-age children. In: *Disease Control Priorities Vol. 8. Child and Adolescent Health and Development*. Seattle and Washington, D. C.: University of Washington & World Bank
7. **Aurino, E.**, Glewwe, P., et al, (2017) Cost-effectiveness analysis of eye-care interventions in children and adolescents. *Disease Control Priorities Vol. 3*. Seattle and Washington, D. C.: University of Washington & World Bank
8. Krutikova, S., Rolleston, C., & **Aurino, E.** (2014). Does School Make a Difference and For Whom? A Two-Country Study of the Impact of School Quality on Educational Attainment. In J. Boyden

& M. Bourdillon (eds). *Growing up in Poverty: Findings from Young Lives*. Palgrave

Policy papers

1. Kadiyala, S., **Aurino**, E., Cirillo, C., Srinivasan, C. and Zanello, G. (2019). Rural transformation and the double burden of malnutrition among rural youth in low- and middle-income countries. *Background paper for IFAD Rural Poverty Report 2019*
2. **Aurino**, E., Giunti, S. (2019). Operational Note No6: Health and Education in the Humanitarian and Development Nexus. *Background note for European Commission Spain guidance package*
3. **Aurino**, E., James, Z., Rolleston, C. (2015). Exploring the effect of educational opportunity and inequality on learning outcomes in Ethiopia, India, Peru and Vietnam. UNESCO Global Education Monitoring Report Background Paper
4. **Aurino**, E. (2014). Selecting a core set of indicators to monitor global food security: A methodological proposal. FAO Working Paper Series

TEACHING

2021	Lecturer in Economics of Development, University Pompeu Fabra, Department of Economics
2020 to date	Adjunct contract professor and coordinator of module in Human Development, Master in Development and Environment Economics, Faculty of Economics, University Roma Tre (Italy)
2018 to date	Invited lecturer at BSc in Health Management, Business School
2015 to date	Lecturer at BSc in Global Health, School of Public Health, Imperial College London, UK. Modules covered: Food security, Poverty measurement, Fundamentals of Development
2015 to date	Lecturer at Master of Public Health, School of Public Health, Imperial College London, UK. Modules covered: Poverty measurement; Innovations in global health (social protection for nutrition)
2011 to date	Lecturer at Master in “Human Development & Food Security”, Faculty of Economics, University Roma Tre, Italy. Modules covered: Food security: concepts and measurement; Poverty measurement

SELECTED PRESENTATIONS AT CONFERENCES, SEMINARS & WORKSHOPS

2021	Society for Research in Child Development; Comparative International Education Society; International Health Economics Association (planned), Society for the Economics of the Household (planned); Essen Health Conference (planned); European Society for Population Economics conference (planned); Invited speaker to King’s College London Conflict, Security and Development (CSD) conference
2020	IPA Early childhood education
2019	University of Venice (Italy); CSAE (UK); IZA Workshop on Gender and Family Economics (Chile); CESIFO Workshop on Climate Change and Poverty (Italy), Ministry of Health (France)
2018	NEUDC (Cornell, USA); UNICEF Office of Research (Italy); Italian Conference of Public Economics Association (Italy); ICEF Conference (Bits Pilani, India); Indira Gandhi Institute for Development Research (India); ICRISAT (India); “Working towards Global Food Security Forum”, London (UK); Imperial College Policy Forum, London (UK)
2017	University of Reading (UK); Innovations for Poverty Action- Ministry of Education “Ghana Education Evidence Summit” (Ghana); University of Ghana Social Science Conference, organizer of a panel on evidence on school feeding, Accra, Ghana; Workshop on adolescent

- fertility in LMICs, US National Academy of Sciences, (US), Workshop on Adolescent Health, (Netherlands)
- 2016 IMMANA Academy Conference, (Ethiopia); University of Oxford (UK); Young Lives Conference on Youth and Gender (UK); Development Studies Association Conference (UK) International Conference on Agriculture Statistics (ICAS 7), FAO (Italy)
- 2015 Conference on Global Food Security (UK), Global Gender Justice Conference (UK), University of Hohenheim (Germany); London School of Hygiene and Tropical Medicine (UK); Imperial College London (Forum on Non-Communicable Diseases; Workshop on Imaging for Global Health) (UK)
- 2014 Development Studies Association Conference (UK), European Association for Development Economics Conference (Germany), Erasmus Institute Superior de Sciences Agronomiques, (France)
- 2013 International Conference on Agriculture Statistics (ICAS IV) (Brazil), UK International Conference on Education and Development (UKFIET) (UK)
- 2012 International Scientific Symposium on Food and Nutrition Security information: from Valid Measurement to Effective Decision Making (Italy)

PROFESSIONAL ACTIVITIES & SERVICE

Commissioned work: 2019: European Commission; UN FAO; 2018: UN IFAD; 2016: Report on Mountain Poverty; HIMAP, Nepal; IFPRI Policy Brief Series; 2015: Disease Control Priority 3 (Chapter on School Feeding; Chapter on Economic cost-benefit of school health interventions; Box on cost-impact of eye-care interventions in children); 2013: UNESCO Global Monitoring Report on Education in Low- and Middle-Income Countries

Member: American Economic Association; Royal Economic Society; Italian Public Economics Association; Health Economics Association; Imperial College London Nutrition Collaborative; Centre for International Child Health, Imperial College London; IMMANA Academy; Human Development & Capability Association; LCIRAH; Development Studies Association

Referee service: African Journal of Education; American Journal of Human Biology; BMC Women Health; Childhood: A Journal of Global Child Research; Compare: Comparative Education Journal; Economic Journal; Economic Development and Cultural Change; Food Nutrition Bulletin; Food Policy; Food Security; Forum for Social Economics; Global Food Security; Health Policy and Planning; International Journal of Educational Development; International Journal of Public Health; International Journal of Food Security and Agriculture; Journal of Biosocial Science; Journal of Development Studies; Journal of Health Economics; Journal of Pediatrics; Journal of Socio-Economics; Journal of the British Academy; Oxford Development Studies; Pediatrics; PLOS One; Population Development Review; Population Research and Policy Review; Public Health Nutrition; Review of Development Economics; Social Science and Medicine; SSM: Population Health; World Development

Grant reviewer: UK Economic and Social Research Council; British Academy Global Challenges Research Fund (Early Child Development call); UK Medical Research Council (Peru-UK call)

Participation in international panels for awarding research funds: British Academy Global Challenges Research Fund (2017); UK Medical Research Council (2019); British Academy Small funds in the social sciences (2020)

Coordinator: Human Development and Capabilities Association, Quantitative Research Methods Group (2014-2018)

Student mentor: Master Public Health (Imperial College London)

PhD thesis external examiner: Donya Madjdian, Department of Social Sciences, Wageningen University, Netherlands (planned)

Other service: Human development and Capability Association: quantitative group coordinator (2013-2016)

Scientific habilitation: AQU Catalunya, Profesor Lector (March 2021)

FIELDWORK: India, Ghana, Nigeria, Ethiopia, Zambia, and Nepal

LANGUAGES: Italian (native); English (proficient); Spanish (fluent); Catalan (intermediate); Portuguese (basic); French (intermediate)

SELECTED RESEARCH CONSULTANCY

2019	United Nations Food and Agriculture Organisation European Commission
2018 to 2019	International Fund for Agricultural Development
2016 to 2018	University of Pennsylvania, US
2016	Global Health Liaisons International, US.
2010 to 2012	United Nations Food and Agriculture Organisation

OUTREACH

Media mentions (selected): BBC (UK), The Hindu (India), The Conversation (UK and Africa editions), Times of India (India), Business Standard (India), Yahoo news (Australia), Ghana Broadcasting Corporation (Ghana), Uniiq95 (Ghana), Il Manifesto (Italy), Reuters (international), Live Mint (India)

Op-eds and Blogs (selected):

- Food Insecurity and its consequences for children's development. (April 2020) BOLD Blog: <https://bold.expert/food-insecurity-and-its-consequences-for-childrens-development-covid-19-intensifies-the-problem/>
- Children are going hungry and their futures are on the line. Evidence from Ghana. The Conversation (November 2020): <https://theconversation.com/children-are-going-hungry-and-their-futures-are-on-the-line-evidence-from-ghana-148936>
- Administrative Data: Missed opportunity for learning and research in humanitarian emergencies? Joint with T. Bruck, S. Daidone, L. Natali and Ben Schwab. UNICEF CONNECT (June 2018): <https://blogs.unicef.org/evidence-for-action/administrative-data-missed-opportunity-for-learning-and-research-in-humanitarian-emergencies/>
- "What do Indian children say about nutrition, food insecurity and food programmes?" (March 2016) <http://younglives.org.uk/content/what-do-indian-children-say-about-nutrition-food-insecurity-and-food-programmes>
- "Some food for thought on world food day", Guest blog, Oxford Martin School Future of Food (16 October 2013): <http://www.futureoffood.ox.ac.uk/blog/comment-some-food-thought-world-food-day>