

Rachel D. Gilbert
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EDUCATION

May 2017 M.Sc. in Agriculture, Food and Environment, Tufts Friedman School of Nutrition Science & Policy
Specialization: Issues in International Agriculture and Nutrition
Water: Systems, Science and Society Certificate, Tufts Institute for the Environment

May 2012 Dickinson College, Carlisle, PA, Bachelor of Arts, Environmental Studies
Honors: John Dickinson Scholar; *Summa Cum Laude*; Phi Beta Kappa

Spring 2011 Dickinson-in-Cameroon program, Yaoundé, Cameroon

Fall 2010 School for Field Studies Center for Sustainable Development Studies, Costa Rica

WORK EXPERIENCE

11/2020-
Present **Researcher**, Tufts Friedman School of Nutrition Science and Policy, Boston, MA
Researcher for [Food Prices for Nutrition](#) project, supporting work to strengthen national capacity using data on diet costs and affordability by convening national user groups across nine priority countries with a high burden of malnutrition

10/2018-
11/2020 **Research Analyst and Leland Hunger Fellow**, IFPRI, Washington DC
Assist with analysis of household and marketplace survey data from Malawi and Papua New Guinea, with a focus on correlates of poverty and anthropometrics, dietary patterns and nutrition, and food quality and safety; preparation of journal articles and Working Papers; dissemination of research results to relevant decisionmakers through presentations and targeted outreach; preparing CAPI data collection instruments, Institutional Review Board applications, and other materials for field surveys; assist with data cleaning and baseline report of an impact evaluation of the Building Resilience and Adaptation to Climate Change (BRACC) program in Malawi; analysis of food price data and capacity strengthening for rigorous price collection with the National Statistical Office of Papua New Guinea; assist with a global study of human capital development in agriculture and methodology for nine international case study teams; qualitative data analysis for an institutional and process review of an input subsidy program in Ghana

09/2017-
09/2018 **Communications & Research Assistant/Leland Hunger Fellow**, IFPRI, Lilongwe, Malawi
Edited, wrote and disseminated Working Papers, Policy Notes and Briefs, and blog posts related to agriculture and nutrition; assisted with research dissemination and high-level events to engage with key decisionmakers in Malawi; analyzed multiple rounds of the Integrated Household Survey data of 12,000+ households to produce Key Fact Sheets; assisted with the design and coordination of a randomized control trial (AEARCTR-0003050) and market-intercept study in Central Malawi with 360 respondents and 20 key informant interviews; supervised the travel and work of three visiting student Research Assistants and four local enumerators

09/2016-
05/2017 **Teaching Assistant**, Tufts Friedman School of Nutrition Science and Policy, Boston, MA
Assisted Professor William Masters with grading and holding office hours; provided individual student support for Economics for Food and Nutrition Policy

09/2015-
08/2017 **Research Assistant**, Global Development and Environment Institute, Tufts University, Somerville, MA
Assisted with literature reviews and secondary data analysis on India and southern Africa for [Feeding Tomorrow](#), a book for popular audiences on agricultural trade and development policy to support smallholder farmers

05/2015-
02/2016 **Research Assistant**, Jean Mayer Human Nutrition Research Center on Aging, Boston, MA
Worked in the Dietary Assessment Unit to collect and process 24-hour recalls, food records, and food frequency questionnaires using the Nutrition Data System for Research (NDSR); data management

11/2013-
05/2015 **Research Assistant**, Small Planet Institute, Cambridge, MA
Assisted authors with fact-checking, copy editing, mapping origins of sources, and compiling and summarizing materials for the book [World Hunger: 10 Myths](#); research on topics such as climate change, agroecological practices, population growth, foreign aid, free trade, and democratic movements

ADDITIONAL SKILLS & EXPERIENCES

Languages: English (native), Spanish (intermediate), French (conversational)

Computer skills: Stata, LaTeX, NVivo, Open Data Kit and Kobo Toolbox, SurveyCTO, WordPress

PUBLICATIONS

Schmidt, Emily, Paul A. Dorosh, and **Rachel Gilbert**. 2020. Rice Price Shocks and Household Welfare in Papua New Guinea. Papua New Guinea Project Note 06. Washington, DC: International Food Policy Research Institute. <https://doi.org/10.2499/p15738coll2.134023>

Gilbert, Rachel; Benson, Todd; and Ecker, Olivier. 2019. Are Malawian Diets Changing? An assessment of nutrient consumption and dietary patterns using household-level evidence from 2010/11 and 2016/17. MaSSP Working Paper 30. Washington, DC: International Food Policy Research Institute (IFPRI). <https://doi.org/10.2499/p15738coll2.133522>

Schmidt, Emily; **Gilbert, Rachel;** Holtemeyer, Brian; and Mahrt, Kristi. 2019. Poverty prevalence and correlates of household expenditure in four lowland areas of rural Papua New Guinea. IFPRI Discussion Paper 1863. Washington, DC: International Food Policy Research Institute (IFPRI). <https://doi.org/10.2499/p15738coll2.133400>

Gilbert, Rachel; Subedi, Binita; Wallingford, Jessica; Wilson, Norbert; and Masters, William A. 2019. Nutrient and mycotoxin content of commercially-sold premixed infant cereals in Malawi. MaSSP Working Paper 28. Washington, DC: International Food Policy Research Institute (IFPRI). <https://doi.org/10.2499/p15738coll2.133335>

Schmidt, Emily; **Gilbert, Rachel;** Holtemeyer, Brian; Rosenbach, Gracie; and Benson, Todd. 2019. Papua New Guinea survey report: Rural household survey on food systems. IFPRI Discussion Paper 1801. Washington, DC: International Food Policy Research Institute (IFPRI). <https://doi.org/10.2499/p15738coll2.133067>

PRESENTATIONS & CONFERENCE PROCEEDINGS

06/2019 **Linkages of Agriculture, Nutrition and Economic Development**, Port Moresby, Papua New Guinea
Presentation

Child growth and development in rural Papua New Guinea, available online at http://bit.ly/png_childgrowth

06/2019 Gilbert, Rachel, Binita Subedi, Jessica Wallingford, Norbert Wilson, and William Masters. "Nutrient Composition and Mycotoxin Contamination of Commercially Sold Premixed Cereals for Complementary Feeding of Infants in Malawi: Test Results for 94 Samples of 8 Brands (P11-079-19)." *Current Developments in Nutrition* 3, no. Supplement_1 (June 1, 2019). <https://doi.org/10.1093/cdn/nzz048.P11-079-19>.

02/2019 **IFPRI Malawi Brown Bag seminar**, Lilongwe, Malawi

Market demand for and nutrient and mycotoxin levels in commercially-sold premixed cereals for complementary feeding of infants in Malawi, available online at http://bit.ly/marketdemand_mw

07/2018 **Agriculture, Nutrition and Health Academy Week**, Accra, Ghana

Poster presentation and one-minute speed talk

A promising pathway? Assessing the relationship between aquaculture, fish consumption and types of fish consumed by households in rural Bangladesh