

AMELIA B. FINARET**Curriculum Vitae****July 2021**

Allegheny College
Global Health Studies
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EDUCATION

Ph.D. Friedman School of Nutrition Science and Policy, Tufts University, 2015

M.S. Agricultural Economics, Iowa State University, 2009

B.S. Applied Mathematics and Statistics, Stony Brook University, 2008

PROFESSIONAL EMPLOYMENT

2015 Assistant Professor of Global Health Studies, Allegheny College (tenure system)

2010 Research Associate, Center for Agricultural and Rural Development, Iowa State University

TEXTBOOK PROJECT

2021 Food Economics: From Agriculture to Health
(under contract with *Palgrave-McMillan*)

Food Economics will provide an accessible introduction to the market systems and government policies that link natural resources and the environment to our food supply, nutrition, and health. The book is intended as a self-contained text to support one-semester courses on the economics of food, and to serve a broader professional audience engaged in agriculture and nutrition. The book is designed to be understood with no prior training in economics or nutrition. Its modular structure will allow casual readers to focus on qualitative descriptions in the main text, with adjacent boxes that offer analytical diagrams and data visualizations through which to understand economic relationships. The book's comprehensive scope would also allow readers with a background in one aspect of food economics, such as agriculture or consumer behavior, to see its links to the other elements of the food system such as transportation and processing.

PUBLICATIONS¹

Refereed journal articles and commentary

- 2021 Kirschner, S. and **Finaret, A.B.** [Conflict and health: Building on the role of infrastructure](https://doi.org/10.1016/j.worlddev.2021.105570). *World Development*, 146(105570). <https://doi.org/10.1016/j.worlddev.2021.105570>
- 2020 **Finaret, A.B.** and Masters, W.A. [Can shorter mothers have taller children? Nutritional mobility, health equity, and the intergenerational transmission of relative height](https://doi.org/10.1016/j.ehb.2020.100928). *Economics and Human Biology*, 39(100928). <https://doi.org/10.1016/j.ehb.2020.100928>
- 2019 **Finaret, A.B.** and Masters, W.A. [Correcting for artifactual correlation between misreported month of birth and attained height-for-age reduces but does not eliminate measured vulnerability to season of birth in poorer countries](https://doi.org/10.1093/ajcn/nqz111). *American Journal of Clinical Nutrition* 109(7). <https://doi.org/10.1093/ajcn/nqz111> [open access].
- 2019 Cummins, J. and **Finaret, A.B.** Reflections on age imprecision and child nutrition in Uganda. *American Journal of Physical Anthropology*. Online at: <https://onlinelibrary.wiley.com/doi/full/10.1002/ajpa.23953>.
- 2019 **Finaret, A.B.** and Masters, W.A. “[Beyond calories: The new economics of nutrition](https://doi.org/10.1146/annurev-resource-100518-094053)” *Annual Review of Resource Economics*, Vol. 11. <https://doi.org/10.1146/annurev-resource-100518-094053>.
- 2018 **Finaret, A.B.**, Miller, L.C., Joshi, N., Mahato, S., Lohani, M., Drozdowsky, J.*, Rogers, B.L. 2018. [Longitudinal analysis of the intrahousehold distribution of foods in rural Nepal: Relative variability of child dietary quality across age and sex cohorts](https://doi.org/10.1016/j.foodpol.2018.06.003). *Food Policy*. <https://doi.org/10.1016/j.foodpol.2018.06.003>.
- 2018 Bellemare, M.F. and **Finaret, A.B.** [Dietary carbohydrate intake and mortality: reflections and reactions](#). *The Lancet Public Health*. 3(11): PE516. [open access].
- 2018 **Finaret, A.B.** and Hutchinson, M.* [Missingness of Height Data from the Demographic and Health Surveys in Africa between 1991 and 2016 Was Not Random but Is Unlikely to Have Major Implications for Biases in Estimating Stunting Prevalence or the Determinants of Child Height](#). *Journal of Nutrition*, 148(5), pp.781-789.
- 2017 **Darrouzet-Nardi, A.F.**, Masters, W.A. [Nutrition Smoothing: Can Proximity to Towns and Cities Protect Rural Children against Seasonal Variation in Agroclimatic Conditions at Birth?](#) *PloS ONE*. 12(1). [open access].

¹ Links included where available; *indicates Allegheny College student; A.B. Finaret was formerly A.F. Darrouzet-Nardi.

- 2017 **Darrouzet-Nardi, A.F.** [Nonviolent civil insecurity is negatively associated with subsequent height-for-age in children aged < 5 y born between 1998 and 2014 in rural areas of Africa.](#) *American Journal of Clinical Nutrition*. 105(2):485-493.
- 2016 Peters, C.J., Picardy, J., **Darrouzet-Nardi, A.F.**, Wilkins, J.L., Griffin, T.S., Fick, G.W. [Carrying capacity of U.S. agricultural land: Ten diet scenarios.](#) *Elementa: Science of the Anthropocene*. [open access].
- 2016 **Darrouzet-Nardi, A.F.**, Miller, L.C., Joshi, N., Mahato, S., Lohani, M. and Rogers, B.L. [Child dietary quality in rural Nepal: Effectiveness of a community-level development intervention.](#) *Food Policy*. 61:185-197.
- 2015 **Darrouzet-Nardi, A.F.**, Masters, W.A. [Urbanization, market development and malnutrition in farm households: Evidence from the Demographic and Health Surveys, 1990-2011.](#) *Food Security*. [open access].
- 2014 Peters, C.J., Picardy, J.P., **Darrouzet-Nardi, A.F.**, Griffin, T.S. [Feed conversions, ration compositions, and land use efficiencies of major livestock products in U.S. agricultural systems.](#) *Agricultural Systems*. 130: 35-43.

AWARDS AND HONORS

- 2015 Emerging Leaders in Nutrition Science Poster Competition, American Society for Nutrition
- 2010 Graduate College Teaching Excellence Award, Department of Economics, Iowa State University

GRANTS AND FELLOWSHIPS

- 2020 Co-project director from the Franklin H. and Ruth L. Wells Foundation to fund an applied health data analysis course and research experience for undergraduates.
- 2019 Co-project director for grant from Orris C. Hirtzel and Beatrice Dewey Hirtzel Memorial Foundation to fund an undergraduate *Health Informatics Computer Lab* at Allegheny College.
- 2016 Co-director for crowdfunded grant from Experiment.com, “Are women of childbearing age changing their behaviors in response to the Zika virus outbreak?”
- 2014 Predoctoral Fellowship Award, American Society for Nutrition.

- 2013 U.S. Borlaug Fellowship in Global Food Security, Purdue University and U.S. Agency for International Development (USAID), Kinshasa, Democratic Republic of the Congo.

INVITED TALKS

- 2021 **Finaret, A.B.** and Masters, W.A. *Leveraging the New Economics of Nutrition for Improved Patient Care and Public Health*. Presented at: Continuing Opportunities for Professional Education (COPE) at the M. Louise Fitzpatrick College of Nursing at Villanova University [virtual oral presentation].
- 2021 Masters, W.A., **Finaret, A.B.**, Block, S.A. *The multiple burdens of malnutrition: Dietary transition and food system transformation in economic development*. Presented at “What Matters in Agricultural Economics? Setting the Agenda for the Handbook of Agricultural Economics,” AAEA Post Conference Workshop [virtual oral presentation].

CONFERENCE ACTIVITY

- 2020 **Finaret, A.B.** and W.A. Masters. *Can shorter mothers have taller children? Nutritional mobility, health equity, and the intergenerational transmission of relative height*. Agricultural and Applied Economics Association Annual Meeting, Kansas City, KS [virtual oral presentation].
- 2019 Kirschner, S. and **Finaret, A.B.** *Conflict and Child Health: Untangling the Mechanisms*. Peace Science Society International, Kansas State University, Manhattan, KS.
- 2019 Eckstein, L., **Finaret, A.B.**, Whitenack, L. *Teaching the Inevitable: Embracing Failure in Pedagogy*. Conference on Teaching and Learning in Higher Education. La Roche University, Pittsburgh, PA.
- 2019 **Finaret, A.**, Alemu, R., Masters, W.A. Sex-specific Sibling Rivalry in Child Health: Evidence from over 190,000 Twins. *Current Developments in Nutrition* 3(S1): P18-098-19. *American Society for Nutrition*, Baltimore, MD.
- 2018 **Finaret, A.B.**, Marzouca, T.M. *, Masters, W.A. Equality of opportunity in child nutrition: Evidence from rank-order mobility of 701,255 mother-child pairs in 81 countries, 1985-2016. Liberal Arts Colleges Development Conference (LAC-DEV), Middlebury College, Middlebury, VT.
- 2017 **Darrouzet-Nardi, A.F.**, Boehm, R., Stabley, S.* Should the definition of food deserts incorporate a seasonal component? *Experimental Biology: American Society for Nutrition*, Chicago, IL.

- 2017 **Darrouzet-Nardi, A.F.** Family planning and desired fertility in the context of an emerging infectious disease outbreak: The case of Zika virus in The Americas. *Women's, Gender, and Sexuality Studies Research Conference*, University of South Dakota, Vermillion, SD.
- 2016 **Darrouzet-Nardi, A.F.**, Miller, L.C., Joshi, N., Mahato, S.N., Lohani, M., Drozdowsky, J.*, Rogers, B.L. Longitudinal analysis of the intrahousehold distribution of foods in rural Nepal: Effectiveness of a community development intervention. Agricultural and Applied Economics Association, Boston, MA.
- 2015 **Darrouzet-Nardi, A.F.** Civil insecurity and child health in Africa. Experimental Biology: American Society for Nutrition, Boston, MA.
- 2014 **Darrouzet-Nardi, A.F.** and Masters, W.A. Market access and child nutrition in a conflict environment. Agricultural and Applied Economics Association, Minneapolis, MN.
- 2012 **Fischer, A.B.**, Miller, L.C., Joshi, N., Mahato, S.N., Lohani, M., Rogers, B.L. Child food consumption patterns and diet quality in rural Nepal: Effectiveness of a community development intervention. Experimental Biology: American Society for Nutrition, San Diego, CA.

CONSULTANCIES

- 2018 Nutrition smoothing: Synthesis of research on vulnerability and resilience to early-life shocks. The World Bank, Poverty and Equity Global Practice. Four students were hired as Research Assistants for this project.

CAMPUS TALKS

- 2016 “It's ‘Spreading Explosively’: Thinking through the 2015-2016 Zika virus outbreak.” with V. Silva and R.S. Dawson. Center for Political Participation: Town Hall. Allegheny College.

TEACHING EXPERIENCE

Allegheny College, Sole Instructor

Global Health and Nutrition (Fall 2015, Fall 2016, Spring 2019, Spring 2020)
 Economics of Food and Agriculture (Spring 2016, Spring 2017, Fall 2018, Fall 2019, Fall 2020)
 Introduction to Global Health Studies (Fall 2015-Fall 2019)
 Topics and Approaches in Global Health Studies (Fall 2016-Spring 2020)
 Global Health Challenges (Fall 2018-Spring 2020)

Global Health Data and Visualization (Spring 2021)

Tufts University, Teaching Assistant

Economics for Food and Nutrition Policy (Spring 2011)

Economics of Agriculture and the Environment (Spring 2012)

Iowa State University, Teaching Assistant

Introduction to Microeconomics (Fall 2008, Spring 2009)

Introduction to Macroeconomics (Fall 2008, Spring 2009)

RESEARCH EXPERIENCE

2010 Graduate Research Assistant, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA

2009 Graduate Research Assistant, Economics Department, Iowa State University, Ames, IA

SERVICE TO PROFESSION

Journal Referee Service

Agricultural Economics

Asia Pacific Journal of Public Health

BMJ Global Health

Canadian Journal of Agricultural Economics

Current Developments in Nutrition (Top Reviewer Award, 2019)

European Journal of Clinical Nutrition

Food Policy

Global Environmental Change

Global Food Security

Journal of Biosocial Science

Journal of Development Studies

Nature Digital Medicine

Nature Food

PLoS ONE

Public Health Nutrition

Review of Development Economics

The Journal of Nutrition

Review of Abstracts for Conferences

Agricultural and Applied Economics Association (AAEA)

American Society of Nutrition (ASN)

DEPARTMENTAL AND COLLEGE SERVICE

- 2019 Faculty Search Committee in Environmental Science and Sustainability
- 2018 Finance and Facilities Committee – *Co-chair, 2020-2021*
- 2018 Fiduciary Committee
- 2018 Faculty Search Committee in Political Science
- 2017 Faculty Search Committee in Global Health Studies
- 2017 Integrative Informatics Steering Committee
- 2015 Global Health Studies Steering Committee

COMMUNITY INVOLVEMENT

- 2016 Dawson, R.S. and **Darrouzet-Nardi, A.F.** “Let’s talk about sex...and Zika.” [Sigma Xi Honor Society Science Café](#), town hall discussion, Meadville, PA.
- 2018 Board of Directors: Meadville Children’s Center.
- 2021 Crawford Central School District – Cafeteria Helper

RELATED PROFESSIONAL SKILLS

Geographic Information Systems (ArcGIS)

PROFESSIONAL AFFILIATIONS

- American Society for Nutrition (ASN)
 - International Nutrition Council
- Agricultural and Applied Economics Association (AAEA)
 - Committee on Women in Agricultural Economics (CWAE)
 - Food Safety and Nutrition Section (FSN) – *Elected Member-at-large 2020-2022*
 - Teaching, Learning and Communication Section (TLC)
- Agriculture, Nutrition, and Health Academy
- Academics Flying Less – signatory