

November 2023

Kate Schneider
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EDUCATION

Ph.D., Food Policy and Applied Nutrition **February 2021**

Friedman School of Nutrition Science & Policy, Tufts University

Fields: Food policy, Microeconomics of food & nutrition policy, Nutrition

Committee: Prof. William A. Masters, Tufts University

Prof. Patrick C. Webb, Tufts University

Dr. Luc Christiaensen, World Bank

Dissertation: “Household consumption, individual requirements, and the affordability of nutrient-adequate diets – An application to Malawi”

M.P.A., Public Administration and International Development **June 2011**

Evans School of Public Policy & Governance, University of Washington

B.A., Sociology **June 2006**

McGill University

RESEARCH & RELATED PROFESSIONAL EXPERIENCE

Research Scholar, Johns Hopkins University, Washington, DC **July 2023 –**

Co-Lead, Development, Climate & Sustainability Focus area **July 2023 –**

Fellow **July 2021 – June 2023**

Paul H. Nitze School of Advanced International Studies

Senior Research Data Analyst, Johns Hopkins University, Baltimore, MD **March – June 2021**

Berman Institute of Bioethics

Graduate Researcher, Tufts University, Boston, MA **2016 – 2020**

Changing Access to Nutritious Diets in Africa and South Asia Project **2018 – 2020**

PI: William Masters

United in Building and Advancing Life Expectations Project, Blantyre, Malawi **2016 – 2018**

PI: William Masters

Agricultural Development, Bill & Melinda Gates Foundation, Seattle, WA **2011 – 2016**

Program Officer **2016**

Associate Program Officer **2013 – 2015**

Research Analyst **2011 – 2013**

Field Research Assistant, University of Washington, Seattle, WA **2011**

Water & Time Use Study, Oromia, Ethiopia

PI: Joseph Cook

Graduate Researcher, University of Washington, Seattle, WA **2009 – 2011**

Evans School Policy Analysis & Research (EPAR) Group: Providing agriculture and development policy research

PIs: Leigh Anderson & Mary Kay Gugerty

TEACHING EXPERIENCE

Johns Hopkins University, Paul H. Nitze School of Advanced International Studies	2021 – present
Instructor, Practical Research Methods	Spring 2022, Fall 2022, Fall 2023
Instructor, Agriculture and Economic Development in the Modern World	Spring 2023
Faculty Advisor, SAIS Women Lead Practicum (2 groups)	2021 – 2022
Tufts University, Friedman School of Nutrition Science & Policy, Boston, MA	
Co-Instructor with Prof. Sean Cash, Statistical Methods	Fall 2020
Co-Instructor with Prof. Lynne Ausman, Research Methods and Proposal Writing	Summer 2020
Curriculum Development Assistant for Prof. Sean Cash, Economics of Ag. & Environment	2020
Curriculum Development Assistant for Prof. Sean Cash, Statistical Methods	2020
Teaching Assistant for Prof. Sean Cash, Statistical Methods	Fall 2018 & 2019
Teaching Assistant for Prof. Lynne Ausman, Research Methods and Proposal Writing	Summer 2019
Teaching Assistant for Prof. Parke Wilde, Regression Analysis	Spring 2019
Tutor for Academic Dean Ed Saltzman, Advanced Data Analysis	Spring 2019

CURRENT PROJECTS WORKING PAPERS

*Denotes graduate student first author under my supervision.

Schneider, K., De La O Campos, A.P., Cavatassi, R., Davis, B. “Potential, promise, and limits of wage labor, labor mobility, and migration within rural transformation.” Background paper and organized session on ‘Shaping Priorities and Investments for Resilient, Inclusive Rural Transformation’, FAO. For submission to journal special issue. (FAO RITI project, contract from FAO)

Schneider, K. & Gallo Nisenbaum, T. “Identifying changes in diet quality in response to food prices using store scanner data: An application to a national panel of Americans, 2016-2018.” (“Whose diet quality is most at risk when food prices rise?” project, grant from Robert Wood Johnson Foundation)

Schneider, K., Yi, J. Barrett, C., Gomez, M. “The economic value of the world’s agri-food systems.” (Value added in agri-food systems project, grant from FAO)

Thorne-Lyman, A. & **Schneider, K.** “Willingness-to-pay for healthy and sustainable diets: American preferences for whole grains and legumes.” (Soil-to-Society project, grant from USDA via Washington State University)

Davis, B., Winters, P., Mane, E., Gurbuzer, Y., **Schneider, K.**, Caivano, G., Piedrahita, N., Chaudhary, N., Ambikapathi, R. “Estimating global and country-level employment in agri-food systems.” (Under review; [FAO working paper](#))

*Aytekin, N.D., Dewi, D., **Schneider, K.**, Resnick, D., Covic, N. “Policy coherence for food systems transformation: A scoping review.” (Food Systems Countdown Initiative project, grant from Dutch Ministry of Foreign Affairs via GAIN)

Schneider, K. & Gallo Nisenbaum, T. “Whose diet quality is most at risk when food prices rise?” (“Whose diet quality is most at risk when food prices rise?” project, grant from Robert Wood Johnson Foundation)

Manners, R., Umugwaneza, M., Benimana, G., Matsiko, E. Vasanthakalam, H., **Schneider, K.** & Spielman, D. “The cost and affordability of new dietary recommendations in Rwanda.”

GRANTS & AWARDS

*Denotes the budget includes paid student RA-ships

- “Whose diet quality is most at risk when food prices rise?” 2023-2025
Robert Wood Johnson Foundation
Award to Johns Hopkins: **\$96,324***
PI: Kate Schneider
- “Value added in Agri-food Systems” April 2023 – February 2024
Food and Agriculture Organization of the United Nations
Award to Johns Hopkins: **\$98,369**
PI: Kate Schneider
- “Food Systems Countdown Initiative” 2022 – 2024
Dutch Ministry of Foreign Affairs sub-award from GAIN
Award to Johns Hopkins: **\$375,000***
PI: Kate Schneider
- “Optimizing human health and nutrition: from soil to society,” 2022 – 2027
U.S. Department of Agriculture, sub-award from Washington State University
Award to Johns Hopkins: \$987,014 (total award: \$10 million)
PI: Andrew Thorne-Lyman
- “Food Systems Countdown Report” 2021
Dutch Ministry of Foreign Affairs sub-award from GAIN
Award to Johns Hopkins: \$236,000*
PI: Jessica Fanzo
- “Changing Access to Nutritious Diets in Africa and South Asia” 2018 – 2020
Bill & Melinda Gates Foundation
Award to Tufts: \$239,837
PI: William Masters
- Gerald J. Friedman Fellowships in Nutrition and Citizenship 2016 – 2020
Tufts University Provost Fellow Award 2016 – 2018
Bill & Melinda Gates Foundation High Impact Bonus 2015 & 2016

JOURNAL ARTICLES

- Schneider, K.**, Fanzo, J., Haddad, L., et al. “The state of food systems worldwide in the countdown to 2030.” Forthcoming in *Nature Food* (Dec 2023).
- Schneider, K.**, Webb, P., Christiaensen, L., & Masters, W. (2023) “[Assessing the affordability of nutrient-adequate diets.](#)” *American Journal of Agricultural Economics*, 105, 2. doi:10.1111/ajae.12334. (Preprint; [World Bank Policy Research Working Paper](#))
- Ambikapathi, R., **Schneider, K.**, Davis, B., Herrero, M., Winters, P., Fanzo, J. (2022) “Global food system transitions and patterns in the last decades: what have we learned so far? A Country Level Perspective.” *Nature Food*, 3, 764–779. <https://doi.org/10.1038/s43016-022-00588-7>.
- Schneider, K.** (2022) “[Nationally representative estimates of the cost of adequate diets, nutrient level drivers, and policy options for households in rural Malawi.](#)” *Food Policy*, 102275. doi:10.1016/j.foodpol.2022.102275

- Fanzo, J., Haddad, L., **Schneider, K.**, et al. (2021). [Viewpoint: Rigorous monitoring is necessary to meet the food system transformation challenge in the countdown to 2030 global goals](#). *Food Policy*, 104, 102163. doi:10.1016/j.foodpol.2021.102163
- Schneider, K.**, Fanzo, J., Haddad, L., Rosero Moncayo, J. (2021). [Global health has a stake in the upcoming UN Food Systems Summit](#). *Lancet S0140-6736(21)02047-X*. doi:10.1016/S0140-6736(21)02047-X.
- Schneider, K.**, Webb, P., Christiaensen, L., & Masters, W. (2021) [Assessing diet quality when families share their meals: Evidence from Malawi](#). *Journal of Nutrition* nxab287. doi:10.1093/jn/nxab287
- Schneider, K.**, Oslund, J., & Liu, T. (2021). [The impact of the Community Eligibility Provision on School Meal Participation in Texas](#). *Public Health Nutrition*, 1-9. doi:10.1017/S1368980021003712
- Schneider, K.** & Herforth, A. (2020). [Software tools for practical application of human nutrient requirements in food-based social science research](#). *Gates Open Res* 4(179).
- Seymour, G., Masuda, Y., Williams, J., **Schneider, K.** (2019). [Household and child nutrition outcomes among the time and income poor in Bangladesh](#). *Global Food Security*, (20), 82-92. doi:1016/j.gfs.2019.01.004
- Schneider, K.**, & Masters, W. A. (2019). [Orange Fanta versus orange fruit: A novel measure of nutrition knowledge in Malawi](#). *Maternal & Child Nutrition*, 15(1), e12656. doi:10.1111/mcn.12656

BOOK CHAPTERS

- Fanzo, J., **Schneider, K.**, Wood, S. (forthcoming). "Health Impacts Due to Food and Nutrition Insecurity." *Climate Change & Public Health*, 2nd Edition. Oxford: Oxford University Press.
- Cliffer, I., Marshak, A., **Schneider, K.**, Venkat, A., Naimova, E. (2023). "[Seasonality of nutrition](#)." *Encyclopedia of Human Nutrition*, 4th Edition. Cambridge, MA: Academic Press.
- Pingali, P., **Schneider, K.**, Zurek, M. (2014). "[Poverty, agriculture and the environment: the case of sub-Saharan Africa](#)." *Marginality: Addressing the Nexus of Poverty, Exclusion and Ecology*. New York: Springer.

POLICY BRIEFS AND WORKING PAPERS

- Nordhagen, S., Beal, T., & **Schneider, K.** (forthcoming). "The state of food systems worldwide in 2023: A policy brief." Food Systems Countdown Initiative. Geneva, Rome, and New York: Global Alliance for Improved Nutrition, Food and Agriculture Organization of the United Nations, Columbia University, and Cornell University.
- Schneider, K.**, Bellows, A., Downs, Bell, W., Ambikapathi, R., Masters, W., Nordhagen, S., Nugent, R., Branca, F., Fanzo, J. (2023) "[Inequities and access to healthy diets: A landscaping review and ways forward](#)." GAIN Discussion Paper No. 12. Geneva: Global Alliance for Improved Nutrition. doi:10.36072/dp.12.
- Kaiyatsa, S. & **Schneider, K.** "How Sensitive Are Cost of Living Metrics to Missing Food Price Data? Evidence from a Novel Market Survey and Consumer Price Data in Rural Malawi." ([Working paper](#))
- Schneider, K.**, Gugerty, M.K. (2011). [Agricultural Productivity and Poverty Reduction: Linkages and Pathways](#). *The Evans School Review* 1(1). Seattle, WA: University of Washington.

INVITED PRESENTATIONS & POSTERS

- “Estimating global and country-level employment in agrifood systems” (Plenary presentation). 9th International Conference on Agricultural Statistics. Washington, DC. May 2023.
- “Science-based Monitoring to Transform Global Food Systems”. Tata-Cornell Institute 10th Anniversary Conference. Ithaca, NY. May 2023.
- “Labor in Agri-food Systems” (Track Session). Agricultural & Applied Economics Association Annual Meeting. Anaheim, CA. July 2022.
- “Nationally representative estimates of the cost of adequate diets, nutrient level drivers, and policy options for households in rural Malawi”. International Food Policy Research Institute, Malawi. Virtual Brown Bag. December 2021.
- “Nationally representative estimates of the cost of adequate diets, nutrient level drivers, and policy options for households in rural Malawi” (Selected Presentation). International Conference of Agricultural Economics. Virtual. August 2021.
- “Nationally representative estimates of the cost of adequate diets, nutrient level drivers, and policy options for households in rural Malawi” (Selected Presentation). Agricultural & Applied Economics Association Annual Meeting. Austin, TX. July 2021.
- “Impact of the Community Eligibility Provision Program on School Meal Participation in Texas” (Poster). Agricultural & Applied Economics Association Annual Meeting. Austin, TX. July 2021.
- “Food Policy Metrics for Access to Affordable Healthy Diets” (Selected Poster). Association for Public Policy Analysis & Management Annual Meeting. Virtual. November 2020.
- “Impact of the Community Eligibility Program on School Meal Participation in Texas.” (Selected Presentation, with J. Oslund). Association for Public Policy Analysis & Management Annual Meeting. Virtual. November 2020.
- “Use of the Malawi Food Composition Database (MAFOODS): The adequacy of current consumption and the affordability of nutrient adequate diets”. Nutrition Innovation Lab Webinar. Virtual. November 2020.
- “Access to nutrient-dense foods in Malawi”. 2020 Micronutrient Forum. Virtual. November 2020.
- “Sources, intake levels, and shadow prices of essential nutrients in rural Malawi: Evidence from household surveys and market prices reveal the cost of vitamins and minerals” (Selected Paper). Agricultural & Applied Economics Association Annual Meeting. Virtual. August 2020.
- “Household diet quality and the cost of nutritious diets in Malawi” (Oral presentation). Agriculture for Nutrition and Health Academy Week. Virtual. July 2020.
- “Advancing the use of household surveys for nutrition: Nutrient adequacy at the household level and the cost of nutritious diets in Malawi” (Organized symposium presentation). Agricultural & Applied Economics Association Annual Meeting. Atlanta, GA. July 2019.
- “Orange Fanta vs orange fruit: A novel measure of nutrition knowledge and women’s diet quality in Malawi” (Oral presentation). Triannual International Conference of Agricultural Economics. Vancouver, BC, Canada. August 2018.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Agricultural & Applied Economics Association (AAEA), since 2016
Agriculture for Nutrition and Health Academy (ANH Academy), since 2016

International Agricultural Economics Association (IAEA), since 2018
Association for Public Policy Analysis & Management (APPAM), since 2020

SERVICE

Co-lead, Development, Climate, & Sustainability Focus Area, with John Banks	2023 –
Global Agriculture Seminar Series Co-Lead with Shoumitro Chatterjee	2022 –
Professional development Committee, Committee on Women in Agricultural Economics (AAEA)	2022 –
Member, Private and Public, Scientific, Academic, and Consumer Food Policy Group (PAPSAC), Harvard Business School and Harvard Kennedy School	2022 –
Faculty search committee, Tufts University	May 2022 –
Survey Committee, Committee on Women in Agricultural Economics (AAEA)	2021 – 2022
Substitute instructor, Practical Research Methods for International Development, Johns Hopkins University, School of Advanced International Studies (SAIS)	Nov – Dec 2021
Curriculum & Degrees Subcommittee on Anti-Racist Curricula, Tufts University	2020 – 2021
Awards Committee, Committee on Women in Agricultural Economics (AAEA)	2020 – 2021
Career Services Hiring Committee, Tufts University	2020
Friedman School Representative, Academic Affairs Committee	2019 – 2020
Board of Trustees, Tufts University	
Submissions reviewer, Agricultural & Applied Economics Association Annual Meeting	2019
Food pantry volunteer, Rosie's Place, Boston, MA	2017 – 2020
Advisory Council Member, Agricultural Technology Adoption Initiative (ATAI) University of California, Berkeley & Massachusetts Institute of Technology	2015 – 2016
Volunteer English Teacher in La Violeta, Costa Rica	2008
WorldTeach, Harvard University Center for International Development	

Reviewer for: *Food Policy*, *American Journal of Agricultural Economics (AJAE)*, *Global Food Security*, *Journal of the Agricultural and Applied Economics Association (JAAEA)*, *Nature Food*, *Nature Sustainability*, *Food Security*, *Journal of African Economies*, *Journal of Nutrition*, *Maternal & Child Nutrition*, *PLOS One*, *Public Health Nutrition*, *American Journal of Clinical Nutrition*, *Current Developments in Nutrition*, *Food and Nutrition Bulletin*, *Agrigender Journal*, *One Earth*, *Agriculture*.

SKILLS

Software:	R, Stata, Microsoft Office, Mendeley, Zotero, Git, Open Data Kit (ODK)
Management:	Grant proposal writing, project and program design and management, substantial knowledge of donor landscape and priorities, communication and leadership, organization, problem-solving, work collaboratively and independently, public speaking
Mentorship:	Oversight and guidance of independent student work, managing student research assistants on faculty-led projects
Languages:	Fluent Spanish, intermediate American Sign Language, basic French