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Kate Schneider

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EDUCATION

Ph.D., Food Policy and Applied Nutrition 2021 (Feb)

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

Job market paper: “Nationally representative estimates of the cost of adequate diets, nutrient level drivers, and policy options for households in rural Malawi”

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

Evans School of Public Policy & Governance, University of Washington

B.A., Sociology 2006

McGill University

RESEARCH EXPERIENCE

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

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

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

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

Water & Time Use Study, Oromia, Ethiopia

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

EPAR Group

TEACHING EXPERIENCE

Tufts University, Friedman School of Nutrition Science & Policy, Boston, MA

Co-Instructor with Prof. Sean Cash, Statistical Methods 2020

Co-Instructor with Prof. Lynne Ausman, Research Methods and Proposal Writing 2020

Curriculum Development Assistant for Prof. Sean Cash, Economics of Ag. & the Enviro. 2020

Curriculum Development Assistant for Prof. Sean Cash, Statistical Methods 2020

Teaching Assistant for Prof. Sean Cash, Statistical Methods 2018 & 2019

Teaching Assistant for Prof. Parke Wilde, Regression Analysis 2019

Teaching Assistant for Prof. Lynne Ausman, Research Methods and Proposal Writing 2019

Tutor for Academic Dean Ed Saltzman, Advanced Data Analysis 2019

AWARDS & FELLOWSHIPS

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

PROFESSIONAL EXPERIENCE

Agricultural Development, Bill & Melinda Gates Foundation, Seattle, WA	2011 – 2016
Program Officer	2016
Associate Program Officer	2013 – 2015
Research Analyst	2011 – 2013

PUBLICATIONS

- Schneider, K.** & Herforth, A. (In Press). Software tools for practical application of human nutrient requirements in food-based social science research. *Gates Open Research*.
[\[Working paper\]](#)
- 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:10.1016/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
- 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.
- 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.

WORKING PAPERS

- Schneider, K.** "Nationally representative estimates of the cost of adequate diets, nutrient level drivers, and policy options for households in rural Malawi." (Job Market Paper)
- Schneider, K.**, Webb, P., Christiaensen, L., & Masters, W. "Availability and affordability of nutritious diets year-round in Malawi."
- Schneider, K.**, Webb, P., Christiaensen, L., & Masters, W. "Assessing diet quality when families share their meals."
- Oslund, J., Liu, T & **Schneider, K.** "The impact of opting into the Community Eligibility Program (CEP) on school meal participation in Texas."
- Kaiyatsa, S. & **Schneider, K.** "Market characteristics and the cost of nutritious diets in Malawi."
- Bai, Y., Masters, W. & **Schneider, K.** "Calculating the Cost of Nutrient Adequacy (CoNA) food price index using Stata and R."

POLICY BRIEFS & TECHNICAL REPORTS

- Schneider, K.**, Reynolds, T., & Anderson, C.L. (2011). *Agricultural Productivity Growth Rates: Historical Trends and Future Projections*. Evans School Policy Analysis and Research Group Technical Report No. 136. Seattle, WA: University of Washington.
- Po-Chedly, S., Smoliak, B., Stokes-Prindle, S., **Schneider, K.**, Paulsen, J., Lipson, J., Cullen, A., & Anderson, C.L. (2011). *Crops & Climate Change: Executive Summary*. Evans School Policy Analysis and Research Group Technical Report No. 118. Seattle, WA: University of Washington.
- Schneider, K.**, Smoliak, B., Cullen, A., & Anderson, C.L. (2011). *Crops & Climate Change: Rice*. Evans School Policy Analysis and Research Group Technical Report No. 71. Seattle, WA: University of Washington.
- Schneider, K.** & Anderson, C.L. (2010). *Yield Gap and Productivity Potential in Ethiopian Agriculture: Staple Gains & Pulses*. Evans School Policy Analysis and Research Group Technical Report No. 98. Seattle, WA: University of Washington.
- Schneider, K.** & Gugerty, M.K. (2010). *Impact of Export-Driven Cash Crops on Smallholder Households*. Evans School Policy Analysis and Research Group Brief No. 94. Seattle, WA: University of Washington.
- Schneider, K.**, Plotnick, R., Gugerty, M.K. & Anderson, C.L. (2010). *Poultry Markets in West Africa: Overview & Comparative Analysis*. Evans School Policy Analysis and Research Group Brief No. 82. Seattle, WA: University of Washington.
- Schneider, K.** & Anderson, C.L. (2010, 2011). *Quarterly Commodity Price Updates*. Evans School Policy Analysis and Research Group. Seattle, WA: University of Washington.
- Schneider, K.**, & Gugerty, M.K. (2009). *Political Economy of Fertilizer Policy in Mozambique*. Evans School Policy Analysis and Research Group Brief No. 76. Seattle, WA: University of Washington.
- Schneider, K.**, & Gugerty, M.K. (2010). *Gender & Contract Farming in Sub-Saharan Africa*. Evans School Policy Analysis and Research Group Brief No. 67. Seattle, WA: University of Washington.
- Cagley, J.H., Yorgey, G., Cook, J., Gockel, R., Hampton, K., **Schneider, K.**, Curran, S., Gugerty, M.K., Anderson, C.L. & Klawitter, M. (2010). *Gender & Cropping in Sub-Saharan Africa: Executive Summary*. Evans School Policy Analysis and Research Group Brief No. 64. Seattle, WA: University of Washington.
- Armah, J., **Schneider, K.**, Plotnick, R., & Gugerty, M.K. (2010). *Smallholder Contract Farming in Sub-Saharan Africa and South Asia*. Evans School Policy Analysis and Research Group Brief No. 60. Seattle, WA: University of Washington.
- Schneider, K.**, Anderson, C.L. & Gugerty, M.K. (2010). *Gender & Cropping in Sub-Saharan Africa: Cotton*. Evans School Policy Analysis and Research Group Brief No. 55. Seattle, WA: University of Washington.

INVITED PRESENTATIONS & POSTERS

- “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.
- “The Cost of Nutritious Diets for Individuals and Households in Rural Malawi” (Invited presentation, session cancelled when transitioned to virtual). American Society for Nutrition Annual Meeting. June 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.
- “Nutrient Adequacy at the Household Level and the Cost of Nutritious Diets in Malawi” (Poster). American Society for Nutrition Annual Meeting. Baltimore, MD. June 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.
- “Orange Fanta vs orange fruit: A novel measure of nutrition knowledge and women’s diet quality in Malawi” (Poster). American Society for Nutrition Annual Meeting. Boston, MA. June 2018.
- “Optimizing Agricultural Development for Poverty Reduction and Sustainability” (Guest Lecture). Colby College. Waterville, ME. October 2012.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Agricultural & Applied Economics Association (AAEA)
Agriculture for Nutrition and Health Academy (ANH Academy)
Association for Public Policy Analysis & Management (APPAM)
American Society for Nutrition (ASN)
International Agricultural Economics Association (IAEA)

SERVICE

Curriculum & Degrees Subcommittee on Anti-Racist Curricula, Tufts University	2020
Career Services Hiring Committee, Tufts University	2020
Friedman School Representative, Academic Affairs Committee	2019 – 2020
Board of Trustees, Tufts University	
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)	2015 – 2016
University of California, Berkeley & Massachusetts Institute of Technology	
Volunteer English Teacher in La Violeta, Costa Rica	2008
WorldTeach, Harvard University Center for International Development	

Reviewer for the following journals: *Global Food Security*, *Journal of African Economies*, *PLoS One*, *Maternal & Child Nutrition*, *Public Health Nutrition*

OTHER TRAINING

Diversity and inclusion training of trainers, Tufts University, Boston, MA	2016
High risk travel, Bill & Melinda Gates Foundation, Seattle, WA	2016
Women's Leadership & Management Course (7-day intensive), Washington, DC	2014
Training Resources Group & African Women in Agricultural Research and Development	
Coaching & Management Essentials, Bill & Melinda Gates Foundation, Seattle, WA	2015
Effective Feedback & Listening, Bill & Melinda Gates Foundation, Seattle, WA	2013
Basic Rice Production, International Rice Research Institute, Los Baños, Philippines	2013

SKILLS

Software: Stata, basic R, Open Data Kit (ODK), NGene, Microsoft Office, basic Linux and SLURM, Mendeley

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

Languages: Fluent Spanish, some French, intermediate American Sign Language