

Roseanne C. Schuster, PhD, MSc

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ACADEMIC APPOINTMENTS

2017-present Rank: Assistant Research Scientist

- 2020-present **Director of Special Initiatives, Global Health & International Development**, School of Human Evolution & Social Change, Arizona State University
- 2017-2021 **Practice Lead**, Global Health; Evaluation; Agriculture & Food Security; International Development Institute, Knowledge Enterprise, Arizona State University
- 2017-2021 **Director of Monitoring, Evaluation, and Learning (MEL) Practice and Innovation**, Global Impact Collaboratory, Arizona State University

EDUCATION & TRAINING

- 2016-2017 **Postdoctoral Scholar**, Center for Global Health, School of Human Evolution & Social Change, Arizona State University.
Focus: Cross-cultural and qualitative data methodologies applied to water insecurity and nutrition.
- 2016 **PhD, International Nutrition** | Minors: Epidemiology, Human Development
Cornell University, Ithaca, New York
Dissertation: *Performance-based incentives with facility- and community-based health workers improve workplace factors key to preventing vertical transmission of HIV in rural Mozambique.*
- 2010 **MSc, Community Health Sciences**
University of Northern British Columbia (UNBC), Prince George, British Columbia, Canada
Thesis: *What's in your freezer? Traditional food use and food security in two Yukon First Nations communities.*
- 2007-2008 **Fulbright Scholar, Arctic Canada**
Topic: *Impacts of Arctic contamination on the diet and health of Aboriginal communities*
- 2007 **BS, Biology** | Minor: Environmental Biology, *summa cum laude*
Canisius College, Buffalo, New York
Research Focus: Cyanobacterial toxin exposure through sport and pan fish in Lake Erie

RESEARCH FUNDING

External Funding

- 2020-2025 *Center for Applied Research and Innovation in Supply Chain-Africa (CARISCA)*. Building Research and Innovation for Development: Generating Evidence and Training (BRIDGE-Train). USAID. Total Budget: \$15,000,000. **Role**: co-I (8% Recognition, \$1,200,000); PI: Dale Rogers.

- 2020-2022 *Cultural consensus to understand norms around conservation in Luangwa National Park.* USAID. Subaward to ASU: \$92,141. **Role: co-PI** (50% Recognition, \$46,070.50); PI: Alexandra Brewis.
- 2016-2018 *A novel tool for the cross-cultural assessment of household-level water insecurity: scale refinement, validation, and manual development.* Innovative Methods and Metrics for Agriculture and Nutrition Actions (Immana), DFID. Total Budget: £249,854; ASU sub-contract \$23,871. **Role: co-I** (95% Recognition, \$23,871); PI: Sera Young
- 2012-2014 *A pilot study of the effects of performance-based incentives on the provision of PMTCT services in two districts in Inhambane Province, Mozambique.* CARE-Atkinson Center for a Sustainable Future Impact through Innovations Fund. Total Budget: \$199,999. **Role: Senior Personnel**; co-PIs: Sera Young and Delphine Pinault.

Internal Funding

- 2020-2021 *Health and psychosocial implications of COVID-19 among resettled refugees in Phoenix.* Watts College of Public Service & Community Solutions. Budget: \$10,275 (25% Recognition, \$2,569). **Role: co-PI.**
- 2020-2021 *Understanding barriers and facilitators refugee communities experience in staying healthy and accessing healthcare during the COVID-19 pandemic: Interviews with Cultural Health Navigators.* Southwest Interdisciplinary Research Center. Budget: \$1,000 (50% Recognition, \$500). **Role: PI.**
- 2019-2021 *“Something is missing here”: Culturally relevant measurement of social support among Congolese refugee women in resettlement,* funded by the National Institute of Minority Health and Health Disparities within the U54 Specialized Center for Excellence, Marsiglia, F (PI). “Leveraging biocultural mechanisms to increase the impact of multi-level preventable disease interventions in partnership with populations of the Southwest.” Southwest Interdisciplinary Research Center. Total Budget: \$50,000, U54MD002316. **Role: Co-I** (25% Recognition, \$12,500); PI: Karin Wachter.

Funding Under Review

- 2025-2030 *The protective role of social support in buffering gendered health disparities.* R01, National Institute of Minority Health and Health Disparities Total Budget: \$3,579,027. **Role: Co-I** (20% Recognition, \$730,805); PI: Karin Wachter.
- 2024-2025 *Cross-cultural measurement of social support.* Thiru Family Trust Momentum Maker Grant, AZBlue Foundation. Total Budget: \$74,998. Value to ASU: \$57,816. **Role: co-I** (20% Recognition, \$15,000); PI: Karin Wachter.

SCHOLARSHIP

Peer-reviewed journal articles

Co-authorship key: ^{UG}Supervised undergraduate student; ^GSupervised graduate student; ^{CP}community partner; ^{PP}public partner (government); ^{CM}consortium member; ^{abc}alphabetical after initial author(s)

2024

47. **Schuster RC**, Wachter K, *McRae K^{UG}*, *McDaniel A^{UG}*, Davis OI, Nizigiyimana J^{CP}, Johnson- Agbakwu C^{CP}. 2024. "I promised them I would be there": A qualitative study of the changing roles of community health workers who serve refugees during the COVID-19 pandemic. *Social Sciences & Humanities Open*; 10: 101002. doi:10.1016/j.ssaho.2024.101002
46. **Schuster RC**, Wachter K, Hussain F, Gartin M. 2024. Gendered effects of climate change and health inequities among forcibly displaced populations: Displaced Rohingya women foster resilience through technology. *Journal of Climate Change and Health*, 18:100303. doi:10.1016/j.joclim.2024.100303
45. **Schuster RC**, Wachter K, *McRae K^{UG}*, *McDaniel A^{UG}*, Davis OI, Nizigiyimana J^{CP}, Johnson- Agbakwu C. 2024. "If you don't have the heart, you cannot do this job": The multidimensional wellbeing of community health workers serving refugees during the COVID-19 pandemic. *Qualitative Health Research*, p.1-12. doi:10.1177/10497323231209836
44. Boateng GO, Wachter K, **Schuster RC**, Burgess TL, Bunn M. 2024. A Scoping Review of Instruments Used in Measuring Social Support among Refugees in Resettlement. *International Journal of Environmental Research and Public Health*; 21(6):805. doi:10.3390/ijerph21060805
43. Choudhary N, Brewis AA, **Schuster RC**, Wutich A. (2024). Beyond WASH: Testing additional connections between household water insecurity and child nutrition outcomes in multi-country contexts. *Ecology of Food and Nutrition*, 63(4):435-468. doi: 10.1080/03670244.2024.2366913
42. Nyirenda V, Brewis A, **Schuster RC**, Gegenheimer C^{PP}, Lacy MG. Detecting Shared Norms as a Strategy for Sustainable Programming: Wildlife Crime Enforcement versus Local Community Actors in Zambia's Protected Areas. *Current Research in Environmental Sustainability*, 7:100250. doi.org/10.1016/j.crsust.2024.100250
41. Ulian MD, Unsain RF, Franco RR, Santo MA, Oliveira LC de, **Schuster RC**, Gualano B, Oliveira MS da S, Scagliusi FB. 2024. More than social isolation and lack of Public Policies: impacts of COVID-19 on the income, health, eating and physical activity of Brazilian women who underwent a bariatric surgery. *CONTRIBUCIONES A LAS CIENCIAS SOCIALES*, 17(8): e9979. doi.org/10.55905/revconv.17n.8-492

2023

40. **Schuster RC**, Brewis AA, Wutich A, Safi C^{CP}, *Elegido T^{UG}*, *Bowen G^{UG}*, SturtzSreetharan C, *McDaniel A^{UG}*, and Ochandarena P^{PP}. 2023. Individual interviews versus focus groups for evaluations of international development programs: Systematic testing of method performance to elicit sensitive information in a justice study in Haiti. *Evaluation & Program Planning*, 97: 102208. doi.org/10.1016/j.evalprogplan.2022.102208
39. Shah SH, Menghwani V, Harris LM, Stoler J, Brewis A, Miller JD, Adams EA, Jepson W, Pearson AL, Workman CL, Wutich A, Young SL, & **HWISE-RCN^{CM}**. 2023. Variations in household water affordability and water insecurity: An intersectional perspective from 18 low- and middle-income countries. *Environment and Planning F*, 2(3):369-398. doi:10.1177/26349825231156

2022

38. Mercado M, Wachter K, **Schuster RC**, Mathis C, Johnson E^{UG}, Davis OI, Johnson-Agbakwu CA^{CP}. 2022. A cross-sectional analysis of factors associated with stress, burnout, and turnover intention among health care workers during the COVID-19 pandemic in the United States. *Health and Social*

37. Wachter, K, Bunn M, **Schuster RC**, Boateng G, Cameli K, Johnson-Agbawku C^{CP}. 2022. A scoping review of social support research among refugees in resettlement: Implications for conceptual and empirical research. *Journal of Refugee Studies*, 25(1): 368–395. doi:10.1093/jrs/feab040
36. Koyratty N, Ntozini R, Mbuya MNN, Jones AD, **Schuster RC**, Kordas K, Li CS, Tavengwa NV, Majo FD, Humphrey JH, Smith LE; on behalf of the SHINE Trial Team. 2022. Growth and growth trajectory among infants in early life: Contributions of food insecurity and water insecurity in rural Zimbabwe. *BMJ Nutrition, Prevention & Health*, 5(2):332-343. doi: 10.1136/bmjnp-2022-000470
35. Koyratty N, Mbuya MNN, Jones AD, **Schuster RC**, Kordas K, Li CS, Tavengwa NV, Majo FD, Ntozini R, Humphrey JH, Smith LE; on behalf of the SHINE Trial Team^{CM}. 2022. Implementation and maintenance of infant dietary diversity: Contribution of food insecurity and water insecurity. *BMC Nutrition*, 8:136. doi.org/10.1186/s40795-022-00622-8
34. Mao F, Miller JD, Young SL, Krause S, Hannah DM, and **HWISE RCN^{CM}**. 2022. Inequality of household water security follows a Development Kuznets Curve. *Nature Communication*, 13: 4525. doi:10.1038/s41467-022-31867-3.
33. Tefera M, Assefa N, Roba KT, Gedefa L, Brewis A, and **Schuster RC**. 2022. Women's hospital birth experiences in Harar, Eastern Ethiopia: A qualitative study using Roy's Adaptation Model. *BMJ Open*, 12(7):e055250. doi:10.1136/bmjopen-2021-055250
32. Wutich A, Rosinger A, Brewis A, Beresford M, Young SL, and **HWISE RCN^{CM}**. 2022. Water sharing is a distressing form of reciprocity: Shame, upset, anger, and conflict over water in twenty cross-cultural sites. *American Anthropologist*, 124(2):279-290. doi: 10.1111/aman.13682

2021

31. Stoler J, Miller JD, Adams EA, Ahmed F, Alexander M, Asiki G, Balogun M, Bovin MJ, Brewis A, Carrillo G, Chapman K, Cole S, Collins SM, Escobr-Vargas J, Eini-Zinab H, Freeman MC, Ghorbani M, Hagaman A, Hawley N, Jamaluddine Z, Jepson WE, Krishnakumar D, Maes K, Mathad J, Maupin J, Mbullo Owur P, Morales MM, Moran-Martinez J, Omidvar N, Pearson AL, Rasheed S, Rosinger AY, Samayoa-Figueroa L, Sanchez-Rodriguez EC, Santoso MV, **Schuster RC**, Sheikhi M, Srivastava S, Staddon C, Sullivan A, Tesfaye Y, Trowell A, Tshala-Katumbay D, Tutu R, Workman C, Wutich A, Young SL. 2021. The Household Water Insecurity Experiences (HWISE) Scale: Comparison Scores from 27 Sites in 22 Countries. *Journal of Water, Sanitation and Hygiene for Development*, 11(6), pp.1102-1110. doi.org/10.2166/washdev.2021.108
30. Choudhary N, **Schuster RC**, Brewis AA, Wutich A. 2021. Household water insecurity affects child nutrition through alternative pathways to sanitation/hygiene: Evidence from India. *Food & Nutrition Bulletin*, 42(2) 170-187. doi.org/10.1177/0379572121998122
29. Koyratty N, Jones AD, **Schuster RC**, Kordas K, Li C-S, Mbuya MNN, Boateng GO, Ntozini R, Chasekwa B, Humphrey JH, Smith LE, and SHINE Trial Team. 2021 Food insecurity and water insecurity in rural Zimbabwe: Development of multidimensional household measures. *International Journal of Environmental Research and Public Health*, 18(11): 6020. doi.org/10.3390/ijerph18116020

28. Stoler J, Miller JD, Brewis A, Freeman M, Harris LM, Jepson W, Pearson AL, Rosinger AY, Shah SH, Staddon C, Workman C, Wutich A, Young SL, and **HWISE-RCN^{CM}**. 2021. Household water insecurity will complicate COVID-19 prevention and response: Evidence from 29 sites in 23 low- and middle-income countries. *Journal of Hygiene and Environmental Health*, 234: 113715.
27. Young SL, Miller JD, Frongillo EA, Boateng GO, Jamaluddine Z, Neilands TB, and **HWISE-RCN^{CM}**. 2021. Validity of a four-item household water insecurity experiences scale for assessing water issues related to health and well-being. *American Journal of Tropical Medicine & Hygiene*, 1-4. doi:10.4269/ajtmh.20-0417

2020

26. **Schuster RC**, Butler MS, Wutich A, Miller JL, Young SL, and **HWISE-RCN**. 2020. “If there is no water, we cannot feed our children”: The far-reaching consequences of water insecurity on infant feeding practices and infant health across 16 low- and middle-income countries. *American Journal of Human Biology*, 32:e23357. doi.org/10.1002/ajhb.23357 [IF: 1.6 / CiteScore 4.8; Citations: 85]
25. Choudhary N, **Schuster RC**, Brewis AA, Wutich A. 2020. Water insecurity potentially undermines dietary diversity of children aged 6-23 months through multiple mechanisms: Evidence from India. *Maternal Child Nutrition*, e12929. doi.org/10.1111/mcn.12929
24. Venkataramanan V, Geere JA, Thomae B, Stoler J, Hunter PR, Young SL, and **HWISE-RCN^{CM}**. 2020. In pursuit of “safe” water: the burden of personal injury from water-fetching in 21 low- and middle-income countries. *BMJ Global Health*, 5(10). doi.org/10.1136/bmjgh-2020-003328
23. Brewis A, Workman C, Wutich A, Jepson W, Young SL, and **HWISE-RCN^{CM}**. 2020. Household water insecurity is strongly associated with food insecurity: Evidence from 27 sites in low- and middle-income countries. *American Journal of Human Biology*, 32:e23309. doi.org/10.1002/ajhb.23309
22. Rosinger AY, Brewis A, Wutich A, Jepson W, Staddon C, Stoler J, Young SL, and **HWISE-RCN^{CM}**. 2020. Water borrowing is consistently practiced globally and is associated with water-related system failures across diverse environments. *Global Environmental Change*, 64: 102148. doi.org/10.1016/j.gloenvcha.2020.102148
21. Stoler J, Pearson AL, Staddon C, Wutich A, Mack E, Brewis A, Rosinger AY, **HWISE RCN^{CM}**. 2020. Cash water expenditures are associated with household water insecurity, food insecurity, and perceived stress in study sites across 20 low- and middle-income countries. *Science of the Total Environment*, 716:135881. doi.org/10.1016/j.scitotenv.2019.135881

2019

20. **Schuster RC**, Brewis A, Ochandarena P^{PP}, Abdelmonem A, Hosono S^{CP}, Faqeeh K^{CP}. 2019. Measuring community norms around women’s empowerment in the West Bank: Opportunities and challenges of a novel approach using cultural consensus. Gender Empowerment and Health: From Measurement to Impact Special Issue of *Social Science & Medicine – Population Health*, 9: 100489. doi.org/10.1016/j.ssmph.2019.100489
19. Boateng GO, **Schuster RC**, Odei-Boateng M. 2019. Uncovering a health and well-being gap among professional nurses: situated experiences of direct care nurses in two Canadian cities. *Social Science & Medicine*, 242:112568. doi:10.1016/j.socscimed.2019.112568

18. **Schuster RC**, Szpak M^{UG}, Klein E^{UG}, Sklar K^{UG}, Dickin KL. 2019. “I try, I do”: Child feeding practices of motivated, low-income parents reflect trade-offs between psychosocial- and nutrition-oriented goals. *Appetite*, 136:114-123. doi:10.1016/j.appet.2019.01.005
17. **Schuster RC**, Rodriguez EM, Mongo A^{CP}, Delvicchio-Hitchcock N^{CP}, Kahn LS, Tumiel-Berhalter L. 2019. Perceptions of cancer and cancer prevention among Somali Bantu and Karen refugees in Buffalo, NY. *Journal of the National Medical Association*, 111(3):234-245. doi:10.1016/j.jnma.2018.10.006
16. Young SL, Boateng GO, Jamaluddine Z, Miller JD, Frongillo EA, Neilands TB, Collins SM, Wutich A, Jepson WE, Stoler J, and **HWISE RCN^{CM}**. 2019. The Household Water InSecurity Experiences (HWISE) Scale: Development and validation of a household water insecurity measure for low-income and middle-income countries. *BMJ Global Health*, 4(5): e001750. doi.org/10.1136/bmjgh-2019-001750
15. Young SL, Collins SM, Boateng GO, Neilands TB, Jamaluddine Z, Miller JD, Brewis AA, Frongillo E, Jepson W, Melgar-Quiñonez H, **Schuster RC^{abc}**, Stoler J, Wutich A, and the HWISE-RCN. 2019. Development and validation protocol for an instrument to measure household water insecurity across cultures and ecologies: the Household Water InSecurity Experiences (HWISE) Scale. *BMJ Open*, 9:e023558. doi:10.1136/bmjopen-2018-023558
14. Sabatini F, Ulian MD, Perez I, Pinto AJ, Vessoni A, Aburad L, Benatti FB, de Campos-Ferraz PL, Coelho D, de Moraes Sato P, Roble OJ, Unsain RF, **Schuster RC**, Gualano B, Scagliusi FB. 2019. Eating pleasure in obese women: a qualitative study about the effects of a new intervention based on the Health at Every Size® approach. *Journal of the Academy of Nutrition and Dietetics*, 119(9):1470-1482. doi.org/10.1016/j.jand.2019.01.006
13. Brewis A, Wutich A, du Bray M, Maupin J, **Schuster RC^{abc}**, Gervais M. 2019. Community hygiene norm violators are consistently stigmatized: evidence from four global sites and implications for sanitation interventions. *Social Science & Medicine*, 220:12-21. doi:10.1016/j.socscimed.2018.10.020
12. Stoler J, Brewis A, Harris LM, Wutich A, Pearson AL, Rosinger AY, **Schuster RC^{abc}**, Young SL. 2019. Household water sharing: a missing link in international health. *International Health*, 11(3):163-165. doi:10.1093/inthealth/ihy094

2018

11. Chesoli RN, **Schuster RC**, Okello S, Omotayo MO. 2018. Strengthening care delivery in primary care facilities: Perspectives of facility managers on the immunization program in Kenya. *International Journal of Health Policy and Management*, 17(12): 1130–1137. doi:10.15171/ijhpm.2018.83
10. **Schuster RC**, de Sousa OL^{CP}, Reme AK^G, Vopelak CM^G, Pelletier DL, Johnson LM, Mbuya MN, Pinault D^{CP}, Young SL. 2018. Performance-based incentives empower health workers delivering prevention of vertical transmission of HIV services and decrease desire to leave in rural Mozambique. *International Journal of Health Policy and Management*, 7(7):574-580. doi:10.15171/ijhpm.2017.137

9. **Schuster RC**, Han SY, Brewis AA, Wutich A. 2018. Increasing overweight and obesity erodes neighborhood engagement by women, but not men. *Preventive Medicine Reports*, 10:144-149. doi:10.1016/j.pmedr.2018.02.013
8. Wutich A, Budds J, Jepson W, Harris L, Adams E, Brewis AA, Cronk L, DeMyers C, Maes K, Marley T, Miller J, Pearson A, Rosinger A, **Schuster RC**^{abc}, Stoler J, Staddon C, Wiessner P, Workman C, Young SL. 2018. Household water sharing: A review of water gifts, exchanges, and transfers across cultures. *WIREs – Water*, 5:e1309. doi:10.1002/wat2.1309

2016

7. **Schuster RC**, de Sousa OL, *Rivera J*^{UG}, *Olson R*^G, Pinault D, Young SL. 2016. Performance-based incentives may be appropriate to address challenges to delivery of prevention of vertical transmission of HIV services in rural Mozambique: a qualitative investigation. *BMC Human Resources for Health*, 14:60. doi:10.1186/s12960-016-0157-0
6. **Schuster RC**, *McMahon DE*^{UG}, Young SL. 2016. A comprehensive review of the barriers and promoters health workers experience in delivering prevention of vertical transmission of HIV services in sub-Saharan Africa. *AIDS Care*, 28(6):778-794. doi:10.1080/09540121.2016.1139041

2013

5. Kahn LS, Vest BM, Karl R, Tumiel-Berhalter L, Taylor R, **Schuster RC**, Glaser K, Danakas A, Fox CH. 2013. Living with diabetes on Buffalo, New York's culturally diverse West Side. *Chronic Illness*, 9(1): 43-46. doi:10.1177/1742395312450895
4. Vest BM, Kahn LS, Danzo A, Tumiel-Berhalter L, **Schuster RC**, Karl R, Taylor R, Glaser K, Danakas A, Fox CH. 2013. Diabetes self-management in a low-income population: impacts of social support and relationships with the health care system. *Chronic Illness*, 9(2): 145-155. doi:10.1177/1742395313475674

2011

3. **Schuster RC**, Wein EE, Dickson C^{CP}, Chan HM. 2011. Importance of traditional food use in the context of food security of two First Nations communities in Yukon, Canada. *International Journal of Circumpolar Health*, 70(3): 286-300. doi:10.3402/ijch.v70i3.17833
2. **Schuster RC**, Gamberg M^{CP}, Dickson C^{CP}, Chan HM. 2011. Assessing risk of mercury exposure and nutritional benefits of consumption of caribou (*Rangifer tarandus*) in the Vuntut Gwitchin First Nation community of Old Crow, Yukon, Canada. *Environmental Research*, 111(6): 881-887. doi:10.1016/j.envres.2011.05.025
1. Wesche S, **Schuster RC**, Tobin P, Dickson C^{CP}, Mattiessen D^{CP}, Graupe S^{PP}, Williams M^{PP}, Chan HM. 2011. Community-based health research led by the Vuntut Gwitchin First Nation. *International Journal of Circumpolar Health*, 70(4): 296-406. doi:10.3402/ijch.v70i4.17846

Journal Articles Under Review

Azugbene EA^{PF}, **Schuster RC**, Davis OI, Wachter K, Nizigiyimana J, Johnson-Agbakwu CE. The significance of culture in the health communication employed by Cultural Health Navigators with refugee communities during the COVID-19 pandemic. Under Review at *Health Communication*.

Journal Articles in Progress

Azugbene EA^{PF}, Nizigiyimana J, **Schuster RC**, Coonrod DV, Johnson-Agbakwu CE. The Cultural Health Navigator Model to Improve Health Equity of Resettled Refugees: An Opportunity for Public Health Systems in New Era of Medicaid Reimbursement. Preparing for November 2024 submission to the *Journal of Public Health Policy*.

Schuster RC, Wachter K, Boateng GO, Fredianne NN. Testing a Social Support Scale Among Resettled Refugees: A Trauma-Informed Cognitive Interviewing Process. Preparing for January 2025 submission to *Qualitative Health Research*.

Book Chapters and Editor-Reviewed Publications

- c. **Schuster RC**, Wutich A, Wachter K, Brewis A, SturtzSreetharan C, and Boateng GO. 2023. Design for longitudinal cross-cultural mixed methods research. *ISSBD Bulletin*, 1(83):6-9. ISSN 2040-5235. Supplement to *International Journal of Behavioral Development* Volume 47 Issue 3 May, 2023. [Editor Reviewed]
- b. **Schuster RC**, Wutich A, Brewis A, SturtzSreetharan C. 2022. Ethnographic methods in cross-cultural research. In: Liangputtong P (Ed.). *Handbook of Qualitative Cross-Cultural Research: A Social Science Perspective* Cheltenham, UK: Edward Elgar Publishing, p. 273-289. [Book Chapter].
- a. Smith LE, **Schuster RC**, Dumas SE^{PP}, Kerr BT. 2020. Chapter: Food, Body, Land: Three Interactive Systems in Nutrition. In: Smith KH and Ram PK, (Eds.). *Transforming Global Health: Interdisciplinary Challenges, Perspectives, and Strategies*. New York, New York: Springer Publishing Company, pp 51-66. doi.org/10.1007/978-3-030-32112-3_4 [Book Chapter].

Technical Reports

Wachter K, Mathis C, Mercado M., **Schuster RC**, Davis O, and Johnson-Agbakwu C^{CP}. 2021. Provider wellbeing during the COVID-19 pandemic: Preliminary findings from a survey of staff employed by refugee resettlement agencies in Arizona. Phoenix, AZ: Arizona State University, Southwest Interdisciplinary Research Center.

Wachter K, Mathis C, Mercado M, **Schuster RC**, Davis O, and Johnson-Agbakwu C^{CP}. 2021. Provider wellbeing during the COVID-19 pandemic: Findings from a survey of workers within a public safety net hospital in Arizona. Phoenix, AZ: Arizona State University, Southwest Interdisciplinary Research Center.

Osman N, Erickson K, **Schuster RC**, Picolo M, Possolo E, Norte A and Cunguara B. 2020. "Support to Accelerate Progress Towards Achievement of MDG1c in Mozambique – FAO Sub-Program": Final Evaluation of RC16 Subcomponent - Nutritional Education and Social Behaviour Change Communications Integrated with Home Gardens at Community Level.

RESEARCH PRESENTATIONS

Authorship key: ^tPresenting authors (when multiple or not listed first); ^{UG}Supervised undergraduate student; ^GSupervised graduate student; ^{CP}community partner; ^{PP}public partner (government+industry); ^{CM}consortium member; ^{abc}alphabetical after initial author(s).

Peer-Reviewed Conference Oral Presentations (*Presented or Supported Students in Presenting*)

Wachter K ^t, **Schuster RC** ^t, & Boateng GO. 2023. Considering the protective role of social support among women in refugee resettlement. Switchboard Research Symposium, Phoenix, AZ. *'Presenting authors*.

Attasseril H ^{t,UG}, Adkins C ^{t,UG}, Brister D ^{t,UG}, **Schuster RC**, Wachter K, Davis OI, & Johnson-Agbakwu C^{CP}. 2022. COVID-19 related stressors experienced by linguistically and ethnically diverse women during pregnancy, birth, and postpartum periods. Maternal and Child Health Conference, Phoenix, AZ, United States.

Espinosa Cárdenas F^G, **Schuster RC**, Wachter K, Davis OI, & Johnson-Agbakwu C^{CP}. 2022. Convergent fears: Transnational determinants of health of pregnant Latin American immigrants during the COVID-19 pandemic. Maternal and Child Health Conference, Phoenix, AZ, United States.

Johnson-Agbakwu C ^{t,CP}, Nizigiyimana J ^{t,CP}, **Schuster RC** ^t. 2021. Best practices in advancing maternal health equity during the COVID-19 pandemic. North American Refugee Health Conference, Virtual.

McRae K^{UG}, McDaniel A^{UG}, **Schuster RC**, Wachter K, Davis OI, Nizigiyimana J^{CP}, Johnson-Agbakwu C^{CP}. 2021. Cultural health navigator strategies to guide refugee patients through COVID-19. American Association for the Advancement of Sciences (AAAS), Virtual. **Awarded First Place, 2021 AAAS Undergraduate E-Poster Competition (following talk on poster).*

Schuster RC, Brewis AA, Wutich A, Safi C^{CP}, Ochandarena P^{PP}. 2019. Interviews versus focus groups: Choosing the right path when resources are limited in international development. American Evaluation Association, Minnesota, MN.

Schuster RC, Choudhary N, Brewis AA, Wutich A. 2019. Suboptimal water source associated with increased probability of breastfeeding in India: A nationally representative cross-sectional study. American Public Health Association, Philadelphia, PA.

Schuster RC, Brewis AA, Ochandarena P^{PP}. 2018. Introducing cultural consensus models to speak cultural truths to program design. American Evaluation Association, Cleveland, OH.

Hoso S^{CP}, Ochandarena P^{PP}, **Schuster RC**^t, Brewis AA. 2018. Giving Power to Seldom-heard Voices for Gender Assessments. American Evaluation Association, Cleveland, OH.

Schuster RC, Muai G^{CP}, Freitas D^{CP}, Ochandarena P^{PP}, Brewis AA, Wutich A. 2018. The communities speak: Need for adaptation strategy across gender, age, and geographic vulnerability to climate change in Mozambique. American Evaluation Association, Cleveland, OH.

Butler MS, **Schuster RC**, Collins SM, Young SL. 2018. Household Water Insecurity Experiences (HWISE) Consortium. Cross-cultural perceptions of how water insecurity shapes breastfeeding. Human Biology Association Annual Meeting, Austin, TX.

Young SL, Butler MS, **Schuster RC**, Collins SM. 2018. "Unbreastfed": Far reaching consequences of water insecurity for infant feeding. Society for Applied Anthropology, Philadelphia, PA.

Schuster RC, Brewis AA, Gervais M, Maupin J, Wutich A. 2017. More than menstruation: Women's hygiene norm violations in four societies. Society for Applied Anthropology, Santa Fe, NM.

Du Bray M, **Schuster RC** ^t, Wutich A, Larson K, White D, Brewis AA. 2017. Bringing emotion into climate change in four island nations. Society for Applied Anthropology, Santa Fe, NM.

Schuster RC, Vopelak C^G, de Sousa O^{CP}, Son Y^{UG}, Rivera J^{UG}, de Sousa O^{CP}, Pinault D^{CP}, Young SL. 2016. “I am fighting for my life”: Barriers to uptake of prevention of vertical transmission of HIV services experienced by women in rural Mozambique. American Public Health Association, Denver, CO.

Schuster RC, de Sousa O^{CP}, Vopelak C^G, McMahon D^{UG}, Pinault D^{CP}, Young SL. 2014. “The women have trust in me, and I try to live up to this trust”: worker motivation and workplace characteristics among facility- and community-based health workers in rural Mozambique. American Public Health Association, New Orleans, LA.

Vasquez L^t, Hitchcock N^{t,CP}, **Schuster RC**^t. 2010. Growing pains: an evaluation of first time collaboration experience – the Priscilla Project. Harvesting the Benefits of Service-Learning. Buffalo, NY.

Boswell B^{t,abc}, **Schuster RC**^{t,abc}, Tobin P^{t,abc}, Wesche S^{t,abc}. 2008. From molecules to populations: an interdisciplinary approach to Vuntut Gwitchin ecosystem health. UNBC Graduate Student Conference, Prince George, BC, Canada.

Peer-Reviewed Conference Poster Presentations (Presented or Supported Students in Presenting)

Schuster RC, Adnou KL, Mlambo YA, Addae EK^G, Mante P, Schlinkert D. 2023. “Some people may not understand why you have to sacrifice”: Evaluating learning outcomes through stories from Ghanaian women in graduate supply chain management programs. American Evaluation Association, Indianapolis, IN.

McRae K^{t,UG}, McDaniel A^{t,UG}, **Schuster RC**, Wachter K, Davis OI, Nizigiyimana J^{CP}, Johnson-Agbakwu C^{CP}. Cultural Health Navigator strategies to guide maternal and pediatric refugee patients through COVID-19. Maternal and Child Health Conference, Arizona State University (for external partners), Virtual.

McDaniel A^{t,UG}, Malve A^{t,UG}, **Schuster RC**, Wachter K, Davis OI, Nizigiyimana J^{CP}, Johnson-Agbakwu C^{CP}. The COVID-19 pandemic leads to increased vulnerability and conflicting messages for refugee mothers and children. Maternal and Child Health Conference, Arizona State University (for external partners), Virtual.

Schuster RC, Brewis AA, Ochandarena P^{PP}. 2018. Introduction of cultural consensus models for speaking truth in international development programs. American Evaluation Association, Cleveland, OH.

Safi C^{CP}, Brewis AA, **Schuster RC**, Ochandarena P^{PP}. 2018. “When you have money, you get justice”: Power and disadvantage in accessing formal and informal justice in Haiti. American Evaluation Association, Cleveland, OH.

Hoso S^{CP}, Ochandarena P^{PP}, **Schuster RC**, Brewis AA. 2018. Validating the Truth about Gender in a West Bank Rule of Law Project. American Evaluation Association, Cleveland, OH.

Ochandarena P^{PP}, Brewis A, **Schuster RC**. 2018. Preventing culture from eating strategy. 2018. Global Evidence and Implementation Summit, Melbourne, Australia.

Collins SM, Boateng GO, Miller JD, **Schuster RC**, Jepson W, Wutich A, Young SL. 2017. How do we measure household water insecurity?: Development and progress of the Household Water Insecurity Experiences (HWISE) Scale. Water Technologies in Emerging Regions, Norman OK.

Schuster RC, de Sousa O^{CP}, Reme AK^G, Vopelak C^G, Pinault D^{CP}, Young SL. 2016. Illuminating the “Black Box”: How performance-based incentives affect health workers delivering prevention of vertical

transmission of HIV in rural Mozambique. Symposium on Health Systems Research, Vancouver, BC, Canada.

Schuster RC, Machava M^G, de Sousa O^{CP}, Pinault D^{CP}, Young SL. 2015. "How can I stop working if I was chosen by my community?": how Mozambican traditional birth attendants promote maternal and child health outside of home deliveries. American Public Health Association, Chicago, IL.

Schuster RC, McMahon D^{UG}, Young, SL. 2015. Comprehensive review of barriers to implementation of prevention of vertical transmission of HIV services in sub-Saharan Africa. Rochester Global Health Symposium, Rochester, NY.

Schuster RC, de Sousa O^{CP}, Reme A^G, Pinault D^{CP}, Young SL. 2015. Evaluative ethnography is useful for understanding the impact pathways of performance-based incentives on health worker motivation. Experimental Biology, Boston, MA.

Schuster RC, de Sousa O^{CP}, Vopelak C^G, McMahon D^{UG}, Pinault D^{CP}, Young SL. 2014. Motivation and workplace characteristics among facility- and community-based health workers in rural Mozambique to inform a performance-based incentive intervention. Global Symposium on Health Systems Research, Cape Town, South Africa.

Schuster RC, Giwa A^{CP}, Pinault D^{CP}, Young SL. 2012. A pilot study on the effects of performance-based incentives on HIV services for mothers and infants in rural Mozambique. Nutrition Symposium, Cornell University, Ithaca, NY.

Abramo MK, Kahn L, **Schuster RC**, Tumiel-Berhalter L. 2011. Lessons learned from collaboration of academic and community partners for a cancer-screening study using Community Based Participatory Research (CBPR). North American Primary Care Research Group, Banff, Alberta, Canada.

Schuster RC, Delvecchio-Hitchcock N^{CP}, Tumiel-Berhalter L. 2011. A community-based participatory research approach to developing culturally appropriate cancer education for refugees in Buffalo, NY. International Cancer Education Conference, Buffalo, NY.

Schuster RC, Delvecchio-Hitchcock N^{CP}, Kahn LS, Tumiel-Berhalter L. 2011. Refugee perceptions of cancer and cancer screenings to inform primary care and health education in Buffalo, NY. International Conference on Refugee Healthcare. Rochester, NY.

Schuster RC, Wein EE, Dickson C^{CP}, Chan HM. 2009. What's in your freezer? Importance of traditional food use in the context of food security for two Yukon First Nations. International Congress on Circumpolar Health, Yellowknife, Northwest Territories, Canada.

Schuster RC, Gamberg M^{CP}, Chan HM. 2009. Assessing risk of mercury exposure and consumption of caribou (*Rangifer tarandus*) in the Vuntut Gwitchin community of Old Crow, Yukon, Canada. International Conference on Mercury as a Global Pollutant, Guiyang, China.

Schuster RC, Telecky J^{PP}, Dehn PF. 2007. Utilization of a commercial ELISA to test microcystin levels in Lake Erie sport and pan fish. Posters on Capitol Hill, Council for Undergraduate Research, Washington, D.C.

Schuster RC, Telecky J^{PP}, Dehn PF. 2006. Utilization of a commercial ELISA to test microcystin levels in Lake Erie sport and pan fish. Aquatic Toxicity Workshop, Jasper, Alberta, Canada.

Schuster RC, Telecky J^{PP}, Dehn PF. 2005. Microcystin in sport and pan fish in Lake Erie. Aquatic Toxicity Workshop, Waterloo, Ontario, Canada.

Schuster RC, Wiebel D, Burke K, Shepard L, Smietana G, Schepart B, Dehn PF. 2004. Mercury in sport fish from Lake Erie. Aquatic Toxicity Workshop, Charlottetown, Prince Edward Island, Canada.

Panels (Organizer, Discussant, and Facilitator Roles)

Creating and Implementing Inclusive Policy Changes Across Supply Chains. 2024 (July 11). Center for Applied Research and Innovation in Supply Chain-Africa (CARISCA). Virtual. **Roles: Organizer & Facilitator.**

Green Health: Pioneering Sustainable Supply Chain Practices in Agriculture and Healthcare. 2024 (March 1). Center for Applied Research and Innovation in Supply Chain-Africa (CARISCA). Virtual. **Role: Organizer.**

Parker L, Schlinkert D, Maharaj A, Burgess W, Mitra R, Ñaupari J, **Schuster RC**. Monitoring, evaluation, research and learning (MERL) in international higher education and research capacity strengthening projects: A place to share our stories. American Evaluation Association, Indianapolis, IN. **Role: Discussant.**

Innovations across the nutrition landscape. 2018. Society for International Development-Washington, D.C. Washington, D.C. **Role: Organizer.**

Introducing cultural consensus models to speak cultural truths to program design. 2018. Organized by **Schuster RC** & Ochandarena P^{PP}. 2018. American Evaluation Association, Cleveland, OH. **Roles: Organizer and Facilitator.**

Short Courses

Ochandarena P^{t,PP} and **Schuster RC**^t. Using the Cultural Consensus Method to Evaluate Program Impacts. American Evaluation Association eStudy. November 27 & 29, 2018.

Workshops

Hoso S^{t,CP}, **Schuster RC**^t, Ochandarena P^{t,PP}, Brewis AA. 2018. Validating the truth of assumptions underlying gender assessments with experiences of women in the West Bank. American Evaluation Association, Cleveland OH.

Invited talks

Schuster RC. 2023. Water insecurity: Access, quality, and consequences on maternal and child health. NTR 550 Advanced Nutrition and the Life Cycle, ASU. Phoenix, AZ.

Schuster RC. 2023. Culturally Responsive (Nutrition) Programs & Monitoring, Evaluation, & Learning. NTR 550 Advanced Nutrition and the Life Cycle, ASU. Phoenix, AZ.

Schuster RC. 2020. Water insecurity: Access, quality, and consequences on maternal and child health. Department of Epidemiology & Environmental Health: Global Health, SUNY Buffalo.

Schuster RC. 2020. Global maternal and child health and nutrition. Engineers without Borders, Arizona State University.

Schuster RC. 2020. *"If there is no water, we cannot feed our children"*: The far-reaching consequences of water insecurity on infant and young child feeding and health. Population Medicine & Diagnostic Sciences, Cornell University.

Schuster RC. 2019. *"If there is no water, we cannot feed our children"*: The far-reaching consequences of water insecurity on infant and young child feeding and health. Center for Global Health Equity, SUNY Buffalo.

Schuster RC and Ochandarena P^{PP}. 2019. Cultural consensus model: Potential for monitoring and evaluation. Evaluation Interest Group Seminar, USAID. Washington, D.C. & Global Webinar.

Schuster RC. 2019. Addressing the underlying causes: Approaches to maternal and child nutrition globally. TRANSCEND Maternal & Child Nutrition Seminar, College of Health Solutions, ASU. Phoenix, AZ.

Schuster RC, Ochandarena P^{PP}, & Brewis A. 2018. Cultural consensus model: Applications for measuring norms change in the Middle East. Bureau for the Middle East, USAID. Washington, D.C.

Schuster RC. 2018. *"The women have trust in me, and I try to live up to that trust"*: Community and participatory approaches to improving health and nutrition globally. Southwest Interdisciplinary Research Center & Center for Global Applied Health Research, ASU. Tempe, AZ,

Schuster RC. 2016. *Illuminating the "black box": How incentives affect health worker performance in Mozambique*. Department of Health Services, Policy, and Practice, Brown University, Providence, RI.

Schuster RC, Krumdeick N^G, Finkelstein J, Young SL. 2015. Women in global health: challenges and initiatives. Program in International Nutrition Seminar, Cornell University, Ithaca, NY.

Schuster RC. 2010. Cultural competency: Birthing cultures among refugee women in Buffalo, NY. The Junior League, Buffalo, NY.

Schuster RC. 2008. Food security and nutrition in Aboriginal communities. Nutrition, Department of Community Health Sciences, University of Northern British Columbia, Prince George, BC.

Schuster RC and Loeser J. 2005. El Salvador today: environmental health and sociocultural effects of civil war. Environmental Sciences, Buffalo Academy of the Sacred Heart, Buffalo, NY.

TEACHING & MENTORING

2020-present **Program Lead**, MS Global Health, School of Human Evolution and Social Change, ASU

- Leads and manages curriculum development/updates and program growth
- Advises all students in program, providing mentorship in roles of Committee Chair/co-Chair
- Creates, leads, and manages program structures, including the program-specific Canvas housing modules on the curriculum, securing a quality internship, and student resources; hosting monthly networking "Coffee Chats"; and leading career readiness activities such as the Career Conversations series with global health practitioners
- Leads all program administration activities including annual program assessment, year-round admissions, twice-yearly orientation, information sessions, and informational updates for students and advisors

- 2022-present **Instructor**, School of Human Evolution and Social Change, ASU
- ASB 494/598 Monitoring, Evaluation and Learning for Global Health Programs (New course build, 2024)
 - ASB 526 Survey Topics in Nutrition (New course build, 2022, 2023, 2024)
 - ASB/BIO 548 Maternal and Child Health (2023)
 - ASB 584 Global Health Internship (New course build, 3x/year, 2022-present)
- 2022-2023 **Presenter**, Center for Applied Research and Innovation in Supply Chain-Africa (CARISCA) Training Series. Virtual with international (pan-African) audience of 50-75 participants.
- Analyzing and Writing Your Qualitative Research Report, with Kekeli Adnou (2023, May 22)
 - Roadmap to Research: Creating Your Protocol (2022, November 22)
 - Creating Quality Research Questions, with Adegoke Oke (2022, September 22)
 - Building a Consistent Writing Practice (2022, July 26)
 - Foundations of Academic Writing (2022, April 19)
 - Qualitative Analysis for Monitoring and Evaluation (2021, October)
- 2017-present **Instructor**, ASB 484 Research Apprenticeship, SHESC, ASU
- Mentored 24 students in research methods and applications (non-thesis students, including Barrett Honors Fellows)
- 2016, 2018 **Instructor**, Chemonics-ASU Global Impact Collaboratory.
- Cultural surveys and qualitative interviews: design, implementation, and analysis
- Trained 15 university professors and 60 students in Pemba and Quelimane, Mozambique
 - Trained 22 USAID-contracted program staff and community partners in West Bank, Palestine
- 2011-2015 **Teaching Assistant**, Division of Nutritional Sciences, Cornell University
- Epidemiology in Context (Fall 2011)
 - Introduction to Global Health (Spring 2012)
 - Global Health Nutrition Capstone (Fall 2012, Fall 2014, Fall 2015)
 - Human Anatomy and Physiology (Spring 2013)
 - Public Health Nutrition (Spring 2014)
 - Nutrition and Health: Issues, Outlooks and Opportunities (Spring 2015)
- 2008 **Teaching Assistant**, Department of Community Health Sciences, University of Northern British Columbia
- Introduction to Epidemiology (Fall 2008)
 - Nutrition (Fall 2008)
- 2004-2005 **Teaching Assistant**, Department of Chemistry & Biochemistry, Canisius College
- General Chemistry I (Fall 2004)
 - General Chemistry II (Spring 2005)

STUDENT RESEARCH MENTORSHIP

^{CA}Co-Authored peer-reviewed publications

GRADUATE STUDENTS CURRENTLY SUPERVISING (Degree, Unit, Years, Supervisory Role, Dissertation/Thesis/Internship Title)

- Frida Espinosa, Global Health PhD Candidate, School of Human Evolution and Social Change, ASU (2021-present). Co-Chair: *Centering Indigenous Feminisms in Birth: Examining Traumatic Childbirth and the Role of Community-Rooted Birth Workers in Advancing Birth Equity*
- Autumn Pauley, Global Health PhD Student, School of Human Evolution and Social Change, ASU (2024-present). Committee Member: *Human Milk Composition and Breastfeeding Practices Among Traditional Arctic Pastoralists in a Biocultural Context*.
- Nooria Hamid, MA Global Health, School of Human Evolution and Social Change, ASU (2023-present). Chair: *What challenges affect consistent pharmaceutical supplies for maternal care in Northern Ghana?*

ASU Graduate Students Previously Supervised (Degree, Unit, Year Completed, Supervisory Role, Dissertation/Thesis Title, Position following graduation)

- Meagan Schlinkert, Global Health PhD Candidate, School of Human Evolution and Social Change, ASU (2024-present). Co-Chair: *Examining the Influence of Vulnerability Factors on the Experiences of Arizonans During COVID-19 using Mixed Methods: Depressive Symptoms and Longitudinal Coping Strategies*.
- Yalda Battori, MS Global Health, School of Human Evolution and Social Change, ASU (2022-present). Chair (Internship Project): *How does perceptions of child nutrition affect maternal water usage?*
- Gabriella Fahmy, MS Nutrition (TRANSCEND Program in Maternal & Child Health Nutrition), College of Health Solutions, ASU, 2023. Chair: *Exploring how the COVID-19 Pandemic Impacted Immigrant Breastfeeding Behaviors Compared to U.S-Born Citizens*. Founder and Lead Dietician, Delicious Nutritious, LLC.
- Matthew Gallagher, PhD Public Service and Community Solutions, ASU, 2022. Committee Member: *Evaluator Exclusion in the Program Planning and Design Phase*. Technical Advisor for Monitoring and Evaluation, IREX.
- Morgan Kempf, MS Global Health, School of Human Evolution and Social Change, ASU, 2022. Chair (Internship Project): *Designing virtual focus groups for low-connectivity areas. Applying to PhD Programs*.

Non-ASU Graduate Students Previously Mentored or Supervised (Degree, Institution, Supervisory Role, Year Graduated or Mentored, Position following graduation).

- Leticia Adwoa Anima Antwi, PhD, Logistics and Supply Chain Management, School of Business, Kwame Nkrumah University of Science and Technology, Ghana, 2024. CARISCA Mentor (Dissertation): *Role of Supply Chain Capabilities in Food Loss Reduction Along Cereal Supply Chains in Ghana*.
- Priscilla Agyemang, PhD, Logistics and Supply Chain Management, School of Business, Kwame Nkrumah University of Science and Technology, Ghana, 2024. CARISCA Mentor (Dissertation): *Network Embeddedness and Firm Operational Performance: A Configuration Approach*.

- Priscilla Addo Asamany, PhD, Logistics and Supply Chain Management, School of Business, Kwame Nkrumah University of Science and Technology, Ghana, 2021-2024. CARISCA Mentor (Dissertation): *Social-Ecological Resource Configuration and Disaster Responsiveness: When Does Competition Matter?*
- Grade Fidelia A. A. Anna, PhD, Logistics and Supply Chain Management, School of Business, Kwame Nkrumah University of Science and Technology, Ghana, 2024. CARISCA Mentor (Dissertation): *Linking Digital Operations Capability to Create Social Value: When Resilience, Disruption and Organic Structure Matter.*
- Jennifer Otsiwaba Monny, PhD, Logistics and Supply Chain Management, School of Business, Kwame Nkrumah University of Science and Technology, Ghana, 2024. CARISCA Mentor (Dissertation): *Exploring How and When Green Entrepreneurial Orientation Drives Competitive Advantage among Agro-Based Manufacturing Firms in Ghana.* Director of Supply Chain Procurement, Koa Ghana and Switzerland.
- Nadiya Koyratty, PhD, Epidemiology, Department of Epidemiology and Environmental Health, SUNY Buffalo, 2021. Associate Research Fellow, International Food Policy Research Institute.
- Mosestia Machava, MD, Universidade de Eduardo Mondlane, Field Research Supervisor (Mozambique), 2014. Senior Technical Specialist, Right to Care.
- Anne-Kathe Reme^{CA}, MA, Field Research Supervisor (Mozambique), 2013. Program Manager, Stiftelsen Diakonissehuset Lovisenberg.
- Carolyn Vopelak^{CA}, MPH, Columbia University, Field Research Supervisor (Mozambique), 2013. Project Development Specialist, USAID Mozambique.
- Rebecca Olson^{CA}, MPP, University of Minnesota, Field Research Supervisor (Mozambique), 2012. Nutrition Specialist, Contractor (World Bank Group, Sight and Life Foundation, UNICEF).

Barrett Honors Thesis Committees, Arizona State University (Year Completed, Supervisory Role, Thesis Title, Position following graduation)

- Natalie Beyfuss. 2023. Member: *Development and evaluation of workshops to prevent burnout and mindfulness among undergraduate honors students.* Applying to Physician Assistant programs.
- Caroline Adkins, Chair, 2023. *COVID-19 related stressors experienced by linguistically and ethnically diverse women during pregnancy, birth, and postpartum periods.* Disease Intervention Specialist, County of Delaware.
- Hannah Atterseil, Chair, 2023. *COVID-19 related stressors experienced by linguistically and ethnically diverse women during pregnancy, birth, and postpartum periods.* Student, Western Michigan University Homer Stryker M.D. School of Medicine.
- Anne McDaniel, Chair, 2022. *An investigation of navigating Western biomedical best practices and cultural norms of resettled refugee women in sexual, reproductive, and maternal health.* Year of service at the University of South Florida, Tampa before applying to medical school
- Emma Johnson^{CA}, Chair, 2021. *Analysis of the impact of COVID-19 on healthcare providers in Arizona,* Applying to medical school.
- Kelli Brown, Member, 2021. *Medical masks and ballot marks: Analyzing the relationship between social networks and civic engagement in a pandemic setting.* Community Engagement Coordinator, Fresh Start Women's Foundation.
- Alyssa Lindsey, Chair, 2020 *Barriers to 'Baby Friendly' for Indigenous patients in the United States.* MPH Program, Emory University
- Jahnavi Bhalla, Co-Chair, 2019, *Akshara- A Global Initiative.* Student, Boston University Henry M.

Goldman School of Dental Medicine.

- Advika Dani, Co-Chair, 2019, *Akshara- A Global Initiative*. Student, The Johns Hopkins University School of Medicine.
- Paula Kibuka Musoke, Member, 2019. *Hygiene stigma and the objectification of women in Fiji*. MPH Program, Mailman School of Public Health, Columbia University
- Jordan Erhardt, Co-Chair, 2019, *Do aquarium visitors have a preference towards exhibit type? Studying how aquarium patrons prefer to be educated about conservation*, Wildlife technician
- Monet Niesluchowski, Member, 2018, *An analysis of thin body ideals*. Fulbright Scholarship to Mongolia, Pickering Fellow.
- Ainsley Pfeiffer, Member, 2017. Fulbright Teaching Fellowship, India.

Undergraduate Students Previously Supervised

**Barrett College Fellows*

Research Apprenticeships, Arizona State University (2017-present): Ciera Babbrah, Danielle Brister, Kelli Brown, Gina Bowen^{CA}, Summer Hassan, Noelle Haro, Teresa Elegido^{CA}, Alyssa Lindsey, Alexandra Malve, Anne McDaniel*, ^{CA}, Kenna McRae*,^{CA}, Shani Oren, Annaliese Pickett, Mary Saxon, Brielle Ruscitti, Morgan Richards, Erika Schaller, Jackson Schiefelbein*, Rachel Sipes, Rebecca Sturm*, Srinithi Suresh, Shontisha (Amy) Tjhia, Alexa Wagner, Nicholas Willis.

Research Apprenticeships, Culture, Environment, and Health Lab, Arizona State University (2016-2017): Katelyn Dinkel, Jennifer Good, Ananya James, Ashley Lau, Monet Niesluchowski, Paula Kibuka Musoke, Tory Prynn, Sathana Selvam.

Maternal and Child Nutrition Lab, Cornell University (2013-2016): Paige Killelea, Ann Lei, Devon McMahon^{CA}, Jacqueline Rivera^{CA}, Yeri Son, Kelechi Umoga

HONORS

2023	Excellence in Graduate Teaching, School of Human Evolution and Social Change, ASU
2015	Outstanding Graduate Teaching Assistant. College of Agriculture and Life Sciences, Cornell University
2010	Best Social Entrepreneurial Model for <i>SOAPEACE: Make Soap, Not War</i> . Fulbright Enrichment Seminar, Nashville, TN.
2008	Best Interdisciplinary Panel. University of Northern British Columbia Graduate Student Conference
2007	Excellence in Biological Research. Department of Biology, Canisius College
2007	Campus Ministry Award for Community and International Service
2007	DiGamma Honor Society, Distinguished Service to Canisius College
2006	Alpha Sigma Nu, National Higher Education Honor Society (VP '06-07)

FELLOWSHIPS & AWARDS

2014	American Public Health Association Student Conference Travel Grant (\$475)
2014	Health Systems Global Conference Travel Grant (\$750)
2014	Graduate School Conference Travel Grant (\$650)
2012, '13, '14	Mario Einaudi International Research Travel Grant; Mozambique (\$7,000 total)
2013	Summer Foreign Language Award to study Portuguese in Mozambique (\$1,360)
2013	Small Grants Award, Division of Nutritional Sciences; Cornell University (\$500)
2012	Graduate School Research Travel Grant, Cornell University; Mozambique (\$2,000)
2009	Network Environments for Aboriginal Research British Columbia Conference Travel Bursary (\$1,000 CAD)
2009	British Columbia Environmental and Occupational Health Research Network Travel Bursary (\$1,000 CAD)
2008-2009	Yvette & Dollard Bock Health Research Award (\$4,000 CAD)
2008-2009	McLean Foundation Scholarship (\$1,500 CAD)
2008	Michael Smith Foundation for Health Research Award (\$5,550 CAD)
2007-2008	Fulbright Scholarship, Arctic Canada (\$15,000)
2007-2008	Pacific Century Scholarship (\$10,000 CAD)
2007-2009	Dr. Donald B. Rix Aboriginal Environmental Health Student Award (\$10,000 CAD)
2005-2007	Barry M. Goldwater Scholarship and Excellence in Education Program (\$15,000)
2005-2006	Honorable Mention, Morris K. Udall Foundation (\$350)
2004, '05, '06	Howard Hughes Medical Institute Student Research Fellowship (\$11,000 total)
2003-2007	President's Scholarship, Canisius College (Full tuition)

INVITED/COMPETITIVE WORKSHOP PARTICIPATION

2023	Teach for Global Health Summer Institute. Meadville, PA.
2019	Using Research to Advance International Development: Women's Empowerment as a Case Study. Center for Development Research (CDR) in the U.S. Global Development Lab at the USAID, Washington, D.C.
2018-2019	Delphi Study on Nutrition Innovation. Identifying the top innovations to improve outcomes in emerging markets. Global Alliance for Nutrition Innovation and Global Knowledge Initiative.
2018	Water Sharing Workshop. Household Water InSecurity Experiences (HWISE) Consortium, Arizona State University.
2017	Reimagining Household Water Security Research II. Household Water InSecurity Experiences (HWISE) Consortium, Northwestern University.

SERVICE TO PROFESSION

External Boards & Committees

2024-2026	Co-Lead, Partnerships Core Team, Maternal and Child Health Translational Research Team (MCHTRT)
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2019-2022	Member, Research Committee, Refugee Women's Health Clinic and Coalition, Valleywise Health
2018-2021	Steering Committee, Household Water InSecurity Experience (HWISE) Research Coordination Network (NSF-funded RCN)
2018-2020	Health & Nutrition Working Group Co-Chair, Society for International Development-Washington
2018-2020	Chair of Professional Development, Board of Directors, Arizona Evaluation Network
2017-2019	Methods Working Group, Society for Implementation Science in Nutrition
2015-2017	Mentorship Member, Women in Global Health Research Initiative
2014-2016	Community & Public Health Advisory Committee (Student Representative), American Society for Nutrition
2014-2015	International Health Blog Editor and Annual Meeting Chair, International Health Student Committee, American Public Health Association

Editorial Board

2015-2016	<i>American Journal of Public Health</i> (Student Representative)
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Ad-hoc reviewer, journals

American Journal of Evaluation, Health Policy & Planning, International Breastfeeding Journal, International Health, International Journal of Health Policy and Management, International Journal of HIV & AIDS, International Journal of STD & AIDS, Journal of Healthcare for the Poor and Underserved, Journal of Nutrition and Dietetics, Journal of Obstetric, Gynecologic & Neonatal Nursing, Maternal & Child Nutrition, Medical Anthropology Quarterly, Nutrients, PLoS One, Social Science & Medicine, Violence Against Women, Water International

Ad-hoc reviewer, conference abstracts

2022	Annual Global Health Conference, Consortium of University for Global Health
2020-present	Evaluation, American Evaluation Association
2016-2017	Experimental Biology, American Society for Nutrition
2014-2021	Annual Meeting, American Public Health Association

UNIVERSITY SERVICE

2023-2025	Member, Student Faculty Policy Committee, University Senate, ASU
2022-2025	Senator, University Senate, ASU
2021-2022	Member, Online Undergraduate Research Scholars (OURS) Program Social Sciences Faculty Task Force, College of Liberal Arts & Sciences, ASU
2018-2019	Member, College of Liberal Arts & Sciences Research Advisory Committee, ASU
2015	Executive Board Counsel, Graduate Women's Network, Cornell University
2012-2013	Co-President, Nutrition Graduate Student Organization, Cornell University
2011	Leader & College Representative, Jamaica Immersion Trip, Canisius College
2008	Mentor, Northern Students Program, First Nations Center, U. Northern British Columbia

ASU & ARIZONA AFFILIATIONS

2019-present Senior Sustainability Scientist, Julie Anne Wrigley Global Institute of Sustainability, ASU
2018-present Faculty Affiliate, Swette Center for Sustainable Food Systems, ASU
2018-present Faculty Research Affiliate, Global Center for Applied Health Research, ASU
2018-present Faculty Research Affiliate, Southwest Interdisciplinary Research Center, ASU
2018-present Adjunct Research Associate, Valleywise Health, Maricopa County, Arizona

PROFESSIONAL AFFILIATIONS

2020-present Consortium of Universities for Global Health
2017-present American Evaluation Association
2017-2021 Society for International Development
2013-present American Public Health Association
2018-2019 Society for Implementation Science in Nutrition
2014-2018 Health Systems Global
2013-16 American Society for Nutrition
2014-2016 BEST Program: Broadening Experiences in Scientific Training, Cornell University
2007-2010 Network Environments for Aboriginal Research British Columbia
2007-2010 British Columbia Environmental and Occupational Health Research Network

NON-ACADEMIC PROFESSIONAL POSITIONS

2010-2011 **Project Manager**, *Patient Voices to Improve Primary Care*. Department of Family Medicine, SUNY Buffalo, Buffalo, NY. Managed community and practice partnerships and research activities for a community-based participatory research study to increase rates of cancer screening among at-risk, low-income patients living with multiple chronic diseases. PI: Laurene Tumiel-Berhalter

2010 **Practice Enhancement Associate**, Department of Family Medicine, SUNY Buffalo, Buffalo, NY. Provided technical assistance for implementation of information technology procedures to deliver standardized, quality care for diabetic patients. Supported data collection for two successful Patient-Centered Medical Home applications.

2009-2010 **Birth and Nutrition Education Coordinator**, Jericho Road Community Health Center, Buffalo, NY. Developed and delivered nutrition education programming and provided *doula* services to pregnant refugee women during pregnancy, birth, and postpartum. Trained and supervised refugee *doulas* to deliver care to women in their communities. Liaised with medical practitioners and administrators for culturally competent care.

CONSULTANCIES

2019 **Qualitative Research Consultant**, Final Evaluation of RC16 Subcomponent –

Nutritional Education and Social Behaviour Change Communications Integrated with Home Gardens at the Community Level, Mozambique for the Food & Agricultural Organization.

- 2016 **Nutrition Consultant**, *Antecedents of Child Feeding Practices*. Data analysis for qualitative assessment of how achievement of parental goals for child feeding are influenced by motivations, strategies, and opportunities, as well as their own childhood food experiences, in low-income families in Upstate New York.
- 2012 **Nutrition Consultant**, *Food for 9 billion: Faces of malnutrition*. Curriculum development for online global nutrition program for high school learners. Transnational Learning, Cornell University.
- 2009 **Nutrition and Environmental Health Consultant**, *Healthy Land, Healthy People*. Comprehensive traditional food and environment assessment of community-based environmental health study for the Takla Lake First Nation, British Columbia.

ADDITIONAL RESEARCH TRAINING

- 2007 **Research Intern**, Malaria Research and Training Center, Department of Epidemiology of Parasitological Diseases, University of Bamako, Mali. Assisted with microscopy and culturing of the malaria parasite *P. falciparum*. Screened feverish patients for malaria and assisted with malaria laboratory tests at a rural clinic. PI: Abdoulaye Djimdé
- 2006 **Research Intern**, Department of Environmental Toxicology. Uppsala University, Sweden. Conducted histology of amphibian gonads to evaluate effects of ethynyl estradiol on development. PI: Cecilia Berg
- 2005 **Research Assistant**, T. H. Chan School of Public Health, Harvard University, Boston, MA. Measured air particulates in residential areas around the Peace Bridge in Buffalo, NY as part of a study on air quality and its relationship to asthma cases in the area. PI: Jameson Lwebuga-Mukasa
- 2003-2007 **Research Assistant**, Environmental Toxicology Laboratory, Canisius College. Designed and conducted laboratory experiments to assess the bioaccumulation of the cyanobacterial hepatotoxin microcystin in Lake Erie sportfish. PI: Paula Dehn
- 2003 **Research Intern**, Department of Immunology, Roswell Park Cancer Institute, Buffalo, NY. Maintained and treated a breast cancer cell line with combination of heat and drug therapy. PI: Elizabeth Repasky.

PROFESSIONAL CERTIFICATIONS

- 2015 Building mentoring skills for an academic career, NSF training.
Center for Integration of Research Teaching, and Learning, Cornell University
- 2012-13 Introductory, Intermediate Portuguese. Centro Global de Formação, Mozambique
- 2009 Natural childbirth doula training. Life Cycles Center, Inc.

COMMUNITY SERVICE

2014-2015 Volunteer Coordinator, Expanding Your Horizons, Cornell University
2010-2011 Administrator, Refugee Arrival Clinic, Jericho Road Community Health Center
2009 Communications Coordinator, Mosqoy Foundation for Education in Peru

SKILLS

Computational: Stata, SPSS, MAXQDA, ATLAS.ti, dedoose, UCINET, Microsoft Office

Linguistic: English (native); Portuguese (2+/2+); French (basic)