**2023**

CV

Sarah Lindley McKune, PhD, MPH

ORCID ID 0000-0002-3646-5921

1225 Center Drive, Rm 4137
P.O. Box 100182

University of Florida

Gainesville, FL 32611

352-294-5495

smckune@ufl.edu

Education

2012 – 2013 **Gender Post-Doctoral Research Fellow** Climate Change, Agriculture, and Food Security Program (CCAFS) of the Consultative Group on International Agricultural Research (CGIAR)

2008 – 2012 **PhD University of Florida**

Education

 Interdisciplinary Ecology, School of Natural Resources and the Environment

Dissertation research: *Perceived Risk of Climate Change, Adaptation, and Livelihood Resilience among Agro-Pastoral Populations of Eastern Niger*

2000 – 2002 **MPH Emory University**, Rollins School of Public Health

 Reproductive Health and Population Studies, Department of International Health

1995 – 1999 **BA Wofford College**

 Sociology & French, double major

 Latin American Studies Certificate, Suma Cum Laude, Phi Beta Kappa

Work Experience

2021 – Present **Research Associate Professor**

Dept. of Environmental and Global Health, College of Public Health and Health Professions and the Center for African Studies, College of Liberal Arts and Science, University of Florida

2016 – 2021 **Research Assistant Professor**

Dept. of Environmental and Global Health, College of Public Health and Health Professions and the Center for African Studies, College of Liberal Arts and Science, University of Florida

2013 – 2016 **Clinical Assistant Professor and Director Public Health Programs**

Department of Epidemiology, College of Public Health and Health Professions and College of Medicine, University of Florida

2007 – 2009 **Public Health Consultant (Gainesville, FL)**

Eastside Community Practice, WellFlorida Council, and University of Florida College of Public Health and Health Performance, Department of Epidemiology and Biostatistics

2007 **Health Evaluation Consultant (Darfur, Sudan)**

CAFOD (NCA/ACT-Caritas)

2007 **Nutrition Evaluation Consultant (Niger)**

Catholic Agency for Overseas Development

2005 – 2006 **Monitoring & Evaluation Project Manager (Tanout, Niger)**

University of Arizona, Bureau for Applied Research in Anthropology and the British Red Cross

Principal Investigator: Dr. Mamadou Baro

2004 – 2005 **Project Manager**

University of Florida, *The Public Health of Caregiving*

Principal Investigator: Dr. Elena Andresen, Chairperson Epidemiology and Biostatistics

2002 – 2005 **Public Health Consultant**  Bill and Melinda Gates Foundation

 Principal Investigator: Dr. William Foege

2003 – 2004 **Director, Community Initiatives**

North Central Florida Health Planning Council

2002 – 2003 **HIV/AIDS Research Coordinator (Guinea-Bissau)**

Population Services International (PSI) Bissau, Guinea-Bissau, West Africa

2002 **Reproductive Health Research Assistant**

CARE International, Division of Reproductive Health and Population Studies

2001 **Health Dept. HIV/AIDS Intern (Côte d’Ivoire)**

International Federation of Red Cross & Red Crescent Societies Regional Delegation, Côte d’Ivoire

2000 – 2001 **HIV/AIDS Research/Lab Assistant**

The Centers for Disease Control and Prevention, Atlanta, GA

Teaching Experience

2016 - present **Research Associate Professor**, Department of Environmental and Global Health, UF

Instructor for AFS 6305/LAS 6943, *Development Theory and Practice in Latin America and Africa,* the core development course in the MDP curriculum. Instructor for PHC 6764, *Global Health and Development*, a course which serves as the core health course in the MDP program, a concentration elective for MPH students in Environmental Health, and a core course in the MHS in One Health program.

2014 - 2015 **Clinical Assistant Professor**, Department of Epidemiology, University of Florida

Instructor for PHC4101, *Public Health Concepts,* an online, upper-level, undergraduate course intended to introduce students in a variety of disciplines to the basic tenets and applications of public health, including integrating public health with other health professions. The course provides a history of public health, an overview of the five core disciplines (Epidemiology, Biostatistics, Environmental Health, Social and Behavioral Health, and Health). Instructor for PHC 6937, *Introduction to Public Health*. This course is required of all non-public health majors within the college, including Audiology, Clinic Health Psychology, and Physical Therapy, to give them foundational knowledge of public health.

2012 (Spring)  **Adjunct Faculty**, Department of Environmental & Global Health, University of Florida

Sole lecturer for PHC3440, *Global Public Health*, an undergraduate course that introduces students to the main concepts of the public health field and the critical links between global health and social and economic development.

2010 – 2012 **Adjunct Faculty**, Department of Epidemiology, University of Florida

Sole lecturer for PHC4101, *Public Health Concepts.* See course description above.

2009 (Spring) **Graduate Teaching Assistant**, Dep. of Environmental Engineering, University of Florida

Team-taught an undergraduate honors course, EES4932 Sect. 3655, *Water, Environment, and Society*, that examines key tensions in the human-environment nexus by focusing on issues related to water. Engaging research from across the physical sciences, social sciences and humanities, the course investigates a range of problems related to water quantity and quality, using field experiences, case studies, and expert lectures.

2005 (Fall) **Lecturer**,Department of Epidemiology and Biostatistics, University of Florida

Co-taught (one of two lecturers) a master’s level graduate course, PHC 6937, *International Health*, which provides an overview of international health, with special attention paid to less developed countries and areas affected by emerging and re-emerging diseases.

2005 (Summer) **Lecturer**,Department of Epidemiology and Biostatistics, University of Florida

Co-taught (one of two lecturers) a master’s level graduate course, PHC 6002, *Infectious Disease Epidemiology*. The course investigates unique aspects of infectious disease and epidemiological methods used in their study, prevention and control.

2002 (Fall) **Graduate Teaching Assistant**, Rollins School of Public Health, Emory University

Provided assistance to Dr. Stan Foster and Jim Setzer in their instruction of *Strategies in International Public Health,* a graduate level course that provides a hands-on introduction to working with low resource populations to assess health needs, develop programs, and implement strategies. Students were split into small groups of 8-12 students, each led by a graduate student.

2001-2002 **Graduate Teaching Assistant**, Rollins School of Public Health, Emory University

Provided assistance to Drs. William Foege and Mark Rosenberg in instruction of *Approaches in Global Health*, a graduate level course that examines key actors in global health through an analysis of institutions and players, both current and historic.

Grants

***Current Funding***

2022-2025 USAID. *Deux Ouefs: Cracking the potential of eggs to improve child growth and development.* Randomized Controlled Trial to test whether maternal egg consumption during pregnancy and 6 months after birth is more effective in reducing child stunting than a nutrient dense plant-based food. The three-year study will be conducted in Rwanda, and is a Challenge Project funded by the USAID Feed the Future Livestock System Innovation Lab. Principal Investigator: **McKune, S.** ($2,000,000).

2022-2025 U. S. Department of Defense Minerva Research Initiative. *Vulnerability and Resilience to Climate Hazards in the African Sahel.* Three-year project to understand the relationship between climate variability and the relative vulnerability or resilience of Sahelian societies and institutions and how perceptions of climate impacts, effects, and hazards at different scales and in different sectors inform individual behavioral calculations, debates on social structures and authority, and decisions about the shape of both formal and informal institutions. **McKune, S.** Co-PI to Principal Investigator Leonardo Villalon ($1,600,000).

2020-2025 USAID. *Feed the Future Livestock System Innovation Lab*. Continuation of Leader with Associate Award to reduce stunting in children under five by increasing production and consumption of animal source foods in Niger, Burkina Faso, Ethiopia, Rwanda, and Nepal. Sub-award to lead the Human Health, Food Safety, and Nutrition Area of Inquiry. Principal investigator Adesogan, A., ($19,000,000 Leader + up to $10,000,000 in Associate Awards). Sub-award PI **McKune, S.** ($301,968).

2019-2023 IDRC. *Leveraging intersectionality in Livestock Vaccine value chains for gender transformation in Nepal, Senegal and Uganda (LIVT).* Three-year project to develop a gender transformative tool to be used in three countries across value chains for production of animal vaccines. **McKune, S.** Co-PI to Principal Investigator: Russo, S. ($1,177,830)

2019-2022 Bill and Melinda Gates Foundation. *Exposure Assessment of Campylobacter Infections in Rural Ethiopia (EXCAM).* Two-year study investigates the exposure pathways of young children (babies enrolled in the CAGED project) to Campylobacter, generating quantitative data on children’s exposure and then using this data to develop a risk assessment and dynamic models for estimating infection and disease. Haramaya District, Ethiopia. **McKune, S.** Co-PI toPrincipal Investigator Liang, S. ($963,645)

2018-2023 Bill and Melinda Gates Foundation. *Livestock Systems Innovation Lab: research on animal feed and on campylobacter in SSA.* Five-year *Ca*mpylobacter *G*enomics and *E*nvironmental Enteric *D*ysfunction (CAGED) sub-project, a cluster-randomized controlled trial to evaluate risks and to assess the impact of reducing exposure to chicken excreta on young children’s gut health and growth in Haramaya District, Ethiopia. **McKune, S.** Co-PI to Principal Investigator: Adesogan, A. ($8,742,900)

***Past Funding***

2020-2021 Clinical Translational Science Institute, College of Public Health and Health Professions, College of Medicine, and Children’s Miracle Network. *Characterization of COVID-19 Infection and Family Resilience in Symptomatic and Asymptomatic School-Age Children*. Rapid funding made available during the COVID-19 outbreak in spring of 2020 to respond and launch essential scientific inquiry prior to funding availability nationally. Principal Investigator: **McKune, S.** ($183,350).

2015-2020 USAID. *Feed the Future Livestock System Innovation Lab*. One of eight faculty on a Leader with Associate Award to reduce stunting in children under five by increasing production and consumption of animal source foods in Niger, Burkina Faso, Ethiopia, Rwanda, Nepal, and Cambodia. Sub-award to lead the Human Health and Nutrition cross-cutting theme. Principal investigator Adesogan, A., ($19,000,000 Leader + up to $30,000,000 in Associate Awards). Sub-award PI **McKune, S.** ($179,764).

2019-2020 USAID. *Enhancing Egg Consumption through Women’s Empowerment in Burkina Faso.* One-year, mixed methods research utilizing the Women’s Empowerment in Agriculture Index (WEAI) and Community Concept Drawing (CCD) to understand how empowerment effects and was affected by the Egg project funded from 2018-2019. Principal Investigator: **McKune, S.** ($99,623)

2018-2019 *USAID. Improving Nutrition in Children Under Two Through Increased Egg Consumption in Burkina Faso.* Experimental field trial to investigate engagement of religious leaders to catalyze behavior change surrounding animal-source food consumption among young children in Burkina Faso. Principal Investigator: **McKune, S.** ($150,000)

2017-2020 USAID. *Feed the Future Peste des Petits Ruminants Vaccine Associate Award*. Sociocultural/Gender Specialist for a USAID Associate Award to test a thermostable vaccine for PPR among herders in Uganda and Kenya. **McKune, S.** Key Personnel ($28,534) to Principal Investigator: Mariner, J. ($2,500,000).

2017-2018 USAID. *Strengthening Livestock Systems Innovation Partners Ability to Integrate Health and Human Nutrition into their Research.* Partner with USAID LSIL funded partners to improve health and nutritional impact of research for development projects in Niger, Ethiopia, and Nepal. Principal Investigator: **McKune, S.** ($37,500)

2013-2015 Climate Change, Agriculture, and Food Security. *Gender Integration into Climate Information Services in the CCAFS programs*. Two years (2014 and 2015) of supplemental funds to a grant that originally funded my postdoc position to support ongoing research and training in Kenya, Senegal, and Nepal. Russo, S. and **McKune, S**. ($86,788)

2014-2015 French Embassy, France-Florida Research Group, and the Sahel Research Group. *Development, Security and Climate Change in the Sahel*. Collaborative exchange of faculty and graduate students in the respective Master of Development Practice (MDP) programs of the University of Florida, l’Université Cheikh Anta Diop in Dakar, Senegal, and l’Institut d’Etudes Politiques (“Sciences Po”) in Paris. Principal Investigator: Villalon, L. ($25,000)

2014-2015 USAID’s Feed the Future Innovation Lab Collaborative Research Program*. Adapting Livestock Systems to Climate Change: Climate Change, Pastoral Resources and Livestock in the Sahel: Developing a Community-Relevant Pastoral Prediction System.* Sub-award to provide social science consultative support to the LCC-CRSP funded project team at South Dakota State University (PI Niall Hanan) working in West Africa to improve understanding of pastoral nutritional situation and make linkages to climate change. Sub-award PI: **McKune, S**. (Awarded $65,000)

2012-2015 USAID’s Feed the Future Innovation Lab Collaborative Research Program*. Adapting Livestock Systems to Climate Change: Climate Change, Pastoral Resources and Livestock in the Sahel: Developing a Community-Relevant Pastoral Prediction System.* Sub-award to provide social science consultative support to the LCC-CRSP funded project team at South Dakota State University (PI Niall Hanan) working in Senegal and Mali to ensure effective integration of gender and nutrition in their ongoing work with pastoralists in West Africa. Subaward PI: **McKune, S.** (Awarded $45,000).

2010-2012 USAID’s Collaborative Research Support Program on Livestock and Climate Change, developed by McKune to fund doctoral dissertation research. *Risk, perception, resilience and adaptation to climate change in Niger and Tanzania.* Russo, S., **McKune, S.**, Young, A., & Mayer, B. (Awarded $80,000).

***Student Research Awards***

2023-2024 Karen Coker, Fulbright Hayes, Listening for Wellbeing : Mental Health and Climate Change in Kaffrine, Senegal

2022-2023 Katie McNamara, Fulbright Hayes, Gender, health, and the exploitation of land and life in Ecuador.

Publications (peer reviewed, \* indicates where mckune is senior author)

**McKune, S.,** Acosta, D., Fujii, Y., Joyce-Beaulieu, D., Sayeed, M., Cato, E., Flaherty, K., Creasy, A., Pu, R., Logan, T., Gallagher, A., Cummings, D., Long, M., Maurelli, A., and Nelson, E. (2023). The infected and affected: Impact of the COVID-19 pandemic among children at a K-12 school in Florida. *Frontiers in Public Health*. <https://doi.org/10.3389/fpubh.2023.1003923>

Bhattarai, S., Blackburn, J., **McKune, S.,** and Ryan, S. (2023). Spatio-temporal patterns of malaria in Nepal from 2005-2018: A country progressing toward malaria elimination. *Spatial and Spatio-temporal Epidemiology.* [https://doi.org/10.1016/j.sste.2023.100576](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdoi.org%2F10.1016%2Fj.sste.2023.100576&data=05%7C01%7Csmckune%40ufl.edu%7Cc4e18ae5cfd44f8df82808db05304092%7C0d4da0f84a314d76ace60a62331e1b84%7C0%7C0%7C638109477013219776%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=a7d6pPWZ1m3L9WXRYNt%2BDbqYf2qdkpbehj8WesiuUzU%3D&reserved=0)

\*Moore, E., Wood, E., Stark, H., Wereme, A., and **McKune, S.** (2022). The sustainability and scalability of egg consumption in Burkina Faso for infant and young children feeding. *Frontiers in Nutrition.* <https://doi.org/10.3389/fnut.2022.1096256>

\*Magalhães, M., Ojeda, A., Mechlowitz, K., Brittain, K., Daniel, J., Roba, K., Yousuf, J., Manary, M., Gebreyes, W. A., Havelaar, A. H., and **McKune****, S. L.** (2022*).* Predictors of Breastfeeding Practices in Rural Eastern Ethiopia: A Cross Sectional Study. *International Breastfeeding Journal.* [https://doi.org/10.1186/s13006-022-00531-3](https://nam10.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdoi.org%2F10.1186%2Fs13006-022-00531-3&data=05%7C01%7Csmckune%40ufl.edu%7Cbd5248f078714daab73b08dae8ce175b%7C0d4da0f84a314d76ace60a62331e1b84%7C0%7C0%7C638078269258770876%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=c%2BwfgsQKtR7vlgn4L1m2n5zmSHZOpwXkFTi%2BI9nAN4o%3D&reserved=0)

\*Moore, E., Singh, N., Serra, R., and **McKune, S.** (2022) Household decision-making, women’s empowerment, and increasing egg consumption in children under five in rural Burkina Faso: Observations from a cluster randomized controlled trial. *Frontiers in Sustainable Food Systems.* <https://doi.org/10.3389/fsufs.2022.1034618>

Balehegn, M, Adesogan, A., Andrade, J. A., Andrade, J., and **McKune, S.** (2022). The importance of meat for cognitive development. *Meat and Muscle Biology*. <https://doi.org/10.22175/mmb.13040>

**McKune, S.,** Mechlowitz, K., and Miller, L. (2022*).* Dietary animal-source food across the lifespan in LMIC: Contributions to health and well-being and barriers to consumption. *Global Food Security.* <https://doi.org/10.1016/j.gfs.2022.100656>

Havelaar, A., Adhanom, M., Ahmed, I., Amin, J., Chen, D., Deblais, L., French, N., Gebreyes, W., Hassen, J., Li, X., Manary, M., Mekuria, Z., Mohammed, A., Mummed, B., Ojeda, A., Rajashekara, G., Roba, K., Saleem, C., Singh, N., Usmane, I., Yang, Y., Yimer, G., and **McKune, S.** (2022)Unraveling the reservoirs for colonization of infants with Campylobacter spp. in rural Ethiopia: protocol for a longitudinal study during a global pandemic and political tensions. *BMJ Open.* <https://doi.org/10.1136/bmjopen-2022-061311>

\*Mechlowitz, K., Roba, K.T., Feye, A., Laytner, L., **McKune**, **S.** (2022). Undernutrition and Adolescent School Performance in Rural Ethiopia. *African Journal of Food, Agriculture, Nutrition and Development*. <https://doi.org/10.18697/ajfand.109.20525>

\*Acosta, D., Ludgate, N., **McKune, S.,** and Russo, S. (2022).Who has access to livestock vaccines? Using the Social-Ecological Model framework to identify the social barriers to peste des petits ruminants vaccines in Karamoja, Uganda. *Frontiers in Veterinary Science*. <https://doi.org/10.3389/fvets.2022.831752>

Serra, R., Ludgate, N., Dowhaniuk, K. F., **McKune, S.**, and Russo, S. (2022). Beyond the gender of the livestock holder: Learnings from intersectional analyses of PPR vaccine value chains in Nepal, Senegal, and Uganda. *Animals.* <https://doi.10.3390/ani12030241>

Nelson, E., **McKune, S.,** Ryan, K., Shapiro, J., Mott-Young, A., Myers, P., and Morris, J. G. (2021) Antigen versus RT-PCR tests for screening quarantined students 2 during a SARS-CoV-2 delta variant surge 3. *JAMA Pediatrics.* <https://doi:10.1001/jamapediatrics.2022.0080>

**McKune, S.** (2021). The Environment and the Challenge of Climate Change. In Villalon, L. (Ed.), *The Oxford Handbook of the African Sahel*. Oxford University Press.

**McKune, S.** (2021). The Challenge of Food Security and Nutrition. In Villalon, L. (Ed.), *The Oxford Handbook of the African Sahel*. Oxford University Press.

\*Chen, D., Mechlowitz, K., Li, X., Schaefer, N., Havelaar, A., and **McKune, S.** (2021) Benefits and risks of smallholder livestock production on child nutrition in low- and middle-income countries. *Frontiers in Nutrition.* <https://doi.org/10.3389/fnut.2021.751686>

Havelaar, A. and **McKune, S.** (2021). Balancing the nutritional benefits and infection risks of livestock in low- and middle-income countries. World Organization for Animal Health (OIE) Panorama, 2021-1.

Coffin-Schmitt, J., Moore, E., **McKune, S.,** Mo, R., Nkamwesiga, J., Isingoma, E., Nantima, N., Adiba, R., Mwiine, F., Nsamba, P., Hendrickx, S., and Mariner, J. (2021) Measurement and Sampling Error in Mixed-Methods Research for the Control of *Peste des Petits Ruminants* in the Karamoja Subregion of Northeastern Uganda: A Cautionary Tale. *Preventive Veterinary Medicine.* <https://doi.org/10.1016/j.prevetmed.2021.105464>

\*Acosta, D., Fuji, Y., Jacobs, K., Beaulieu, D., Maurelli, A., Nelson, E., and **McKune, S.** (2021) Psychosocial health of K-12 students engaged in emergency remote education and in-person schooling: A cross-sectional study. *IJERPH.* <https://doi.org/10.3390/ijerph18168564>

**McKune, S.**,Toure, A.and Serra, R. (2021). Gender and Intersectional Analysis of livestock vaccine value chains in Kaffrine, Senegal. *PLOS One*. <https://doi.org/10.1371/journal.pone.0252045>

\*McOmber, C., McNamara, K., Ryley, T., and **McKune, S.** (2021). Investigating the Conceptual Plurality of Empowerment in Food Security Research. *Sustainability.* <https://doi.org/10.3390/su13063166>

**McKune, S.,** Acosta, D., Diaz, N., Brittain, K., Joyce-Beaulieu, D., Maurelli, A., and Nelson, E. (2021) Psychosocial health of School-aged Children during the Initial COVID-19 Lockdown in Florida: A cross-sectional study. Vol 21: 603. *BMC Public Health.* <https://doi.org/10.1186/s12889-021-10540-2>

McOmber, C., McNamara, K., and **McKune, S.** (2021). Community Concept Drawing: A participatory visual method for incorporating local knowledge into conceptualization. *Field Methods.* <https://doi.org/10.1177/1525822X211014736>

Nelson, E. **McKune, S.,** Ryan, K., Lednicky, J., Crowe, S., Myers, P., and Morris, G. (2021). SARS-CoV-2. positivity on or after 9 days among quarantined student contacts of confirmed cases. *JAMA.* <https://jamanetwork.com/journals/jama/fullarticle/2776857>

Chen, D., **McKune, S.,** Singh, N., Yousuf Hassen, J., Gebreyes, W., Manary, M., Bardosh, K., Yang, Y., Diaz, N., Mohammed, A., Terefe, Y., Roba, K., Ketema, M., Ameha, N., Assefa, N., Rajashekara, G., Deblais, L., Ghanem, M., Yimer, G., Ordiz, I., and Havelaar, A. (2021). Campylobacter Colonization, Environmental Enteric Dysfunction, Stunting, and Associated Risk Factors among Young Children in Rural Ethiopia: a Cross-sectional Study from the CampylobacterGenomics and Environmental Enteric Dysfunction (CAGED) Project. *Frontiers in Public Health.* <https://doi.org/10.3389/fpubh.2020.615793>

\*Dowhaniuk, N., Ojok, S., and **McKune, S.** (2021) Setting a Research Agenda to Improve Community Health: An Inclusive Mixed-Methods Approach in Northern Uganda. PLOS One. <https://doi.org/10.1371/journal.pone.0244249>

Yimer, G., Gebreyes, W., Havelaar, A., Yousuf, J., **McKune, S.,** Mohammed, A., and O’Mathúna, D. (2020).Community Engagement and Building Trust to Resolve Ethical Challenges during Humanitarian Crises: Experience from the CAGED Study. *Conflict and Health*. <https://doi.org/10.1186/s13031-020-00313-w>

**McKune, S.** Stark, H., Sapp, A., Yang, Y., Slanzi, C., Moore, C., Omer, A., Wereme N’Diaye, A. PhD. (2020) Behavior change, egg consumption, and child nutrition: A Cluster Randomized Controlled Trial. *Pediatrics.* <https://doi.org/10.1542/peds.2020-007930>

**McKune, S.,** Lane, J., Austin-Datta, R., Ouma, E., Flax, V., Williams, R., Moore, E., Jacobs, M., and Turk, J. (2020). Increasing animal source food consumption: Recommendations for making livestock research and programming more nutrition sensitive. *Global Food Security.* <https://doi.org/10.1016/j.gfs.2020.100430>

\*Stark, H., Omer, A., Wereme N’Diaye, A., Sapp. A., Moore, E., and **McKune, S.** (2020). The *Un Oeuf* study: Design, methods, and baseline data from a cluster randomized controlled trial to increase child egg consumption in Burkina Faso. *Maternal and Child Nutrition.* <https://onlinelibrary.wiley.com/doi/full/10.1111/mcn.13069>

Colverson, K., Gaile, A., Moore, E., Harris-Coble, L., **McKune, S.,** Moe, R., Munoz, O. (2020). Evolution of a Gender Tool: WEAI, WELI and Livestock Research. *Global Food Security.* Vol 26: 100375 <https://doi.org/10.1016/j.gfs.2020.100375>

Terefe, Y., Deblais, L. Ghanem, M., Helmy, Y., Mummed, B. Chen, D., Singh, N., Ahyong, V., Kalantar, K., Yimer, G., Yousuf J., Mohammed, A., **McKune, S.,** Manary, M., Ordiz, M., Gebreyes, W., Havelaar, A., and Rajashekara, G. (2020) Co-occurrence of Campylobacter Species in Children from Eastern Ethiopia, and their Association with Environmental Enteric Dysfunction, Diarrhea and Host Microbiome. *Frontiers Public Health*. Vol 8, 99 (1-16). <https://doi.org10.3389/fpubh.2020.00099>

Bardosh, K., Wolyie, J., Ahmed, E., Yousuf, J., Ketema, M., Ibrahim, A., **McKune, S.,** Havelaar, A. (2020*).* Chicken Eggs, Childhood Stunting and Environmental Hygiene: An Ethnographic Study from the Campylobacter Genomics and Environmental Enteric Dysfunction (CAGED) Project in Ethiopia. *One Health Outlook.* Vol 2, 5 (1-15). <https://doi.org/10.1186/s42522-020-00012-9>

\*Bailey, K. M., McCleery, R. A., Barnes, G., & **McKune, S.** (2019). Climate-Driven Adaptation, Household Capital, and Nutritional Outcomes among Farmers in Eswatini. *International journal of environmental research and public health*, *16*(21), 4063. <https://doi.org/10.3390/ijerph16214063>

Adesogan, A. T., Havelaar, A. H., **McKune, S.**, Eilittä, M., & Dahl, G. E. (2019). Animal source foods: Sustainability problem or malnutrition and sustainability solution? Perspective matters. *Global Food Security*, 100325. <https://doi.org/10.1016/j.gfs.2019.100325>

\*Acosta, D., Hendrikx, S., and **McKune, S.** (2019). The livestock vaccine supply chain: why it matters and how it can help eradicate Peste des Petits Ruminants, based on findings in Karamoja, Uganda. *Vaccine.* 37(43):6285-6290. <https://doi.org/10.1016/j.vaccine.2019.09.011>

Balehegn, M., Mekuriaw, Z., Miller, L., **McKune, S**., and Adesogan, A. (2019). Animal source foods for improved cognitive development. [Animal-sourced foods for improved cognitive development](https://academic.oup.com/af/article/9/4/50/5575468). *Animal Frontiers*. Volume 9, Issue 4, October 2019, Pages 50–57. <https://doi.org/10.1093/af/vfz039>

Varijakshapanicker, P., **McKune, S.,** Miller, L., Hendrickx, S., Balehegn, M., Dahl, G., and Adesogan, A. (2019). [Sustainable livestock systems to improve human health, nutrition, and economic status](https://academic.oup.com/af/article/9/4/39/5575470). *Animal Frontiers*. Volume 9, Issue 4, October 2019, Pages 39–50. <https://doi.org/10.1093/af/vfz041>

**McKune, S**., Poulsen, L., Devereux, T., Russo, S., McOmber, C., Faas, S., and Ryley, T. (2018). Reaching the end goal: Do interventions to improve climate information services lead to greater food security? *Climate Risk Management.* <https://doi.org/10.1016/j.crm.2018.08.002>

Anderson, H., Wood, L., **McKune, S.** and Kowalewska, A. (2017). Household remoteness and patterns of food production, consumption and acquisition in Tajikistan. *International Journal of Agricultural Extension*.

\*Wood, L., Chapman, L., Beau de Rochars, M., and **McKune, S**. (2017). Community-based Health Needs Assessment in Léogâne and Gressier, Haiti: Six Years Post-Earthquake. *Journal of International Humanitarian Action.* [http://rdcu.be/xHwp](https://urldefense.proofpoint.com/v2/url?u=http-3A__em.rdcu.be_wf_click-3Fupn-3DKP7O1RED-2D2BlD0F9LDqGVeSB1x189ersZ9XWzyXiwawP0-2D3D-5F7KgT2DJrfYuRZY3axTtOatJ-2D2FE9tDAZsT1-2D2BXqIBhI5wMsWjS3kKjQCfh1PmWVwqYMHcwvmejE4P1EJsgeKGw7y3sX1ntmKXnYggZj-2D2FfAhSE7MwQONPYh2RjszBoBkELEC1ky3a8ztqI0sDO1nD65NRFypnHBZig6lLr5zU3-2D2FZb6zq4aLfTYtayNjLtJ2lkw1Q3Rr9MCvwwv6-2D2BNQd5yNUps3KFnsG8yTy0FplbFIxlWbRyx1zYFU8rSLctltB1tBGv-2D2B5xnNMrK7N5v1BgW2D-2D2FA1A-2D3D-2D3D&d=DwMFaQ&c=pZJPUDQ3SB9JplYbifm4nt2lEVG5pWx2KikqINpWlZM&r=PDF8G4yr_KNpDquYRVChXA&m=VdO_B5JMlTi59M32Ya2wPXWHS_R9V7a3XUGYag1rRl8&s=tutavtFPbFe06qJSoEIHVmcboji0cpDDgljm1TyWRBM&e=)

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**McKune, S.** and Hood, N. (2016) Impact of Food Aid on two communities in Niger. *Emergency Nutrition Network Field Exchange*. Issue 51, pp. 68-71.

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**McKune, S.** & Silva, J. (2013) Pastoralists under pressure: Double exposure to economic and environmental change in Niger. September 5, 2013. *The Journal of Development Studies.* <https://doi.org/10.1080/00220388.2013.822067>

Jamoom, E. W., Andresen, E. M., Neugaard, B., & **McKune, S. L.** (2008*).* The effect of caregiving on preventive care for people with disabilities. *Disability and Health Journal, 1(1), 51-57.*

Neugaard, B., Andresen, E., **McKune, S.**, & Jamoom, E. (2008). Health-Related Quality of Life in a National Sample of Caregivers: Findings from the Behavioral Risk Factor Surveillance System. *Journal of Happiness Studies, 9*(4), 559-575.

**MANUSCRIPTS UNDER REVIEW/REVISION**

Munoz, O., et al. (*submitted 3/31/23).* Investigating the collaboration component of the resilience of official veterinary services during the COVID-19 pandemic: case studies from Chile, Nepal, Switzerland, and Tunisia. *CABI One Health.*

Deblais, L., Ojeda, A., Bhrane, M., Ibrahim, B., Abdi, K., Usmael, B., Demisie, Y., Amin, J., Ahmed, I., Usmane, I., Yusuf, E., Usmail, M., Mummed, B., Game, H., Abrahim, F., Seran, A., Umer, K., Dawid, M., French, N.P., Gebreyes, W., Hassen, J., Manary, M., Ibrahim, A., Roba, K., Saleem, C., Dehao, C., McKune, S., Havelaar, A., and Rajashekara, G. (*submitted 3/12/23)* Prevalence and load of Campylobacter genus in infants and associated household in rural Eastern Ethiopia: a longitudinal study from the Campylobacter Genomics and Environmental Enteric Dysfunction (CAGED) Project. *Applied and Environmental Microbiology.*

Galie, A., McKune, S., Miller, B., Bukachi, S., Bikaako, W., and R. Pyburn. (*submitted 2/27/23*). Systematic retrospective analysis of the utility of qualitative and quantitative research methods for understanding essential elements of a gender responsive vaccine system. *Sustainable Food Systems.*

\*McNamara, K. and **S. McKune** (*submitted 9/29/22*) What’s in a word?: A comparative study of community and institutional understandings of empowerment in Nepal. *Third World Quarterly.*

\*Mo, R., Acosta, D., Moore, E., Singh, N., and **McKune, S.** (*submitted 9/20/22*) Gender, culture, and dietary diversity among livestock keepers in Karamoja, Uganda. *Journal of Rural Studies*.

\*Slanzi, C., Schieber, E., Havelaar, A., Liang, S., Wang, Y., Yakubu, H., and **McKune, S.** *(submitted 12/27/22)* Behavioral Observation in Global Health: Recommendations for Research and Practice. *Bulletin of WHO.*

\*Mechlowitz, K., Singh, N., Li, X., Chen, D., Yang, Y., A.J., Rabil, A., Cheraso, A.J., Roba, K.T., Manary, M., Yousuf Hassen, J., Rajashekara, G., Yimer, G., Havelaar, A. and **McKune, S.** (*Submitted 9/19/22*). Women’s Empowerment and Child Nutrition in a Context of Shifting Livelihoods in Eastern Ethiopia. *Frontiers in Nutrition.*

\*Moore, E., Yang, Y., Sapp, A., and **McKune, S.** (*abstract accepted 7/15/22*) Assessing the Effectiveness of Timing Models for Livestock Asset Delivery to increase Egg Consumption: Findings from Follow-up to the Un Oeuf Study. *Frontiers in Sustainable Food Systems.* (DUE NOVEMBER 10)

McNamara, K. and **S. McKune** (*submitted 5/16/22*). Empowered bodies: Embodiment as a lens for understanding nutrition-empowerment connections in community settings. *Development in Practice.*

\*Addie, Y., Moore, E., and **McKune, S.** (*submitted 5/13/22*). The contribution of health communication and behavior theory in the success of an agriculture for nutrition project in Burkina Faso, a post-hoc assessment. *Food Policy.*

Akerson, M., McCleery, R., **McKune, S.,** Barnes, G. and Bailey, K. (*revisions to be resubmitted 6/1/2022*). Social and Environmental Determinants of Childhood Nutrition in eSwatini. *International Journal of Environmental Research and Public Health*.

Publications (non-peer reviewed, \* indicates where McKune is senior author)

Serra, R., McKune. S, Gnanda, I., and Harper, J. (March 24., 2020). Building a Future for Food Policies in Burkina Faso. Agrilinks Blog. <https://agrilinks.org/post/building-future-food-policies-burkina-faso>.

Mak, K., Ludgate, N., Russo, S., and McKune, S. (2021) National COVID-19 Regulations: Impacts on Livestock Vaccinations, Veterinary Services, and Research Activities In Nepal, Senegal, and Uganda. Available at SSRN: <http://dx.doi.org/10.2139/ssrn.3950315>.

\*McNamara, K. and **McKune, S.** (2018). Beyond productivity: barriers to animal source food consumption in Ethiopia. Gainesville, FL, USA. Feed the Future Innovation Lab for Livestock Systems.

\*McNamara, K. and **McKune, S.** (2018). Nutrition-sensitive livestock interventions. Research Brief. Feed the Future Innovation Lab for Livestock Systems.

\*McNamara, K. and **McKune, S.** (2018). Does empowerment influence animal-source food consumption? Initial findings from Nepal case studies. Research Brief. Feed the Future Innovation Lab for Livestock Systems.

\*Wilfong, T. and **McKune, S.** (2017). Analysis of Drivers and Barriers of Animal Source Food consumption in Ethiopia. Feed the Future Innovation Lab for Livestock Systems.

Serra, R., and **McKune. S**. (2016)  [“Climate information services and behavioral change: The case of Senegal.”](http://sites.clas.ufl.edu/sahelresearch/files/SRG_WorkingPaper_Serra_McKune_Final.pdf) Working Paper Series for Development, Security and Climate Change in the Sahel: Exchange Program between UF, Sciences Po and UCAD. Working Paper No. 010. June 2016.

Russo, S., McOmber, C., **McKune, S.,** and Poulsen, E. (2016) Communication tools for gender-inclusive CSA. In S. Sala, F. Rossi, and D. Sonila (Eds), *Supporting agricultural extension towards Climate-Smart Agriculture An overview of existing tools.* Global Alliance for Climate Smart Agriculture.

McOmber, C., Ryley, T., **McKune, S**., and Russo, S. 2015. Community Concept Drawing: Application of a participatory tool for analyzing empowerment across African contexts. CCAFS Working Paper no. 136. Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS).

Poulsen E, M. Sakho, **S. McKune**, S. Russo and O. Ndiaye. 2015. Exploring synergies between health and climate services: Assessing the feasibility of providing climate information to women farmers through health posts in Kaffrine, Senegal. CCAFS Working Paper no. 131. Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS).

Twyman, J., Ampaire, E., Bernier, Q., Green, M., Kristjanson, P., Mango, J., **McKune, S.**, Mwongera, C., Ndourba, Y., Nyasimi, M., Russo, S., and Tall, A. 2014 Gender and Climate Change Perceptions, Adaptation Strategies, and Information Needs Preliminary Results from four sites in Africa. CCAFS Working Paper no. 83. CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS). Copenhagen, Denmark.

Tall, A., P. Kristjanson, M. Chaudhury, **S. McKune** and R. Zougmore, 2014. Who gets the Information? Gender, power and equity considerations in the design of climate services for farmers. CCAFS Working Paper No. 89. CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS). Copenhagen, Denmark.

\*Ryley, T. and **McKune S.** 2014. “Climate change and social networks in Senegal's peanut basin”. *Climate Change, Agriculture, and Food Security*. CGIAR. 2 Oct 2014. Web.

\*Devereux, T. and **McKune, S.** 2014. “Gender, power and climate information in Nyando, Kenya”. *Climate Change, Agriculture, and Food Security*. CGIAR. 1 Aug 2014. Web.

Alliance for a Green Revolution in Africa (AGRA). 2014. Africa agriculture status report: Climate change and smallholder agriculture in sub-Saharan Africa. Nairobi, Kenya. (Contributing Author, Chapter 3: Climate-Smart Agriculture for Food Security and Enhanced Resilience).

Wojcik, D., Cassidy L., **McKune, S**. and Schramski, S. 2014. *Overview of Social Systems*. Ch.4 in: Southern Africa Systems: Coupling Humanity and Environment in Southern Africa. Brown, M. (editor). Center for Environmental Policy, University of Florida.

Cassidy, L. and **McKune, S**. 2014. Southern African societies as complex systems. Ch.6 in: Southern Africa Systems: Coupling Humanity and Environment in Southern Africa. Brown, M. (editor). Center for Environmental Policy, University of Florida.

**McKune, S.** and McOmber, C. 2013. “Is gender being considered within climate services?” *Climate Change, Agriculture, and Food Security*. CGIAR. 24th April 2013. Web. 29 April 2013.

McOmber, C., Panikowski, A., **McKune, S**., Bartels, W., Russo, S. 2013. Investigating Climate Information Services through a Gendered Lens. CCAFS Working Paper no. 42. CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS). Copenhagen, Denmark. Available online at: [www.ccafs.cgiar.org](http://www.ccafs.cgiar.org).

Young, A., **McKune, S.**, Russo, S., Ryley, T.D., and Camara, A.D. 2012. *The Nexus of Gender and Nutrition: A Literature Review.* Livestock Climate Change CRSP Report No. 3 Nutrition/Gender. Winter 2012.

Lupis, S., Gillette, S, Davis, J., Lacy, M., and **McKune, S.** *Livestock, Climate Change, and Nutrition: Leveraging Livestock to Improve Livelihoods*. Program Brief 02-2011 for Adapting Livestock Systems to Climate Change Collaborative Research Support Program. January 2011.

**McKune, S.** *Darfur Emergency Response Operation’s (DERO) Health and Nutrition Sector Assessment*. July 2007.

**McKune, S.**  *Evaluation of CAFOD’s Organizational Response to Niger’s 2005 Food Crisis*. May 2007.

Baro, M., **McKune, S.**, & Hagens, C. *Tanout Cash Transfer Project Final Monitoring Repor*t. November 2006.

**McKune, S.**, Andresen, E., Zhang, J., and Neugaard, B. (2006). *Caregiving: A National Profile and Assessment of Caregiver Services and Needs*. Rosalynn Carter Institute and the University of Florida. 2005.

**McKune, S.** & Feller, J. *Alachua County Community Health Needs Assessment*. 2004.

**McKune, S.** & Feller, J. *Tricounty (Dixie, Gilchrist, and Levy County) Community Health Needs Assessment*. 2004.

Orsini, E. and **McKune, S.** *Seminole County Weed and Seed Program Evaluation*. 2004.

Feller, J. & **McKune, S**. *Marion County Safe and Drug Free Schools Program Evaluation*. 2004.

**McKune, S.** *Sunrise on Character Program Evaluation,* 2004.

Invited Talks/Webinars/Panels

**McKune, S.**, moderator. (2023) Panel Discussion following, “Power Dynamics in International Research Partnerships: An Ethnographic Study”, by Joanna Crane. Helicopter Science Workshop Series. University of Florida International Center.

**McKune, S.** (2023) Keynote Speaker: Equitable Global Partnership. UF Graduate School Research Day. Promoting Collaboration and Global Citizenship through Innovative, Evidence-based Research and Advocacy. April 4, 2023.

**McKune, S.** (2023) The role of a global outlook and multi/inter/transdisciplinarity in research. Panelist, One Health Day, 2022. University of Florida, (rescheduled following Hurricane Ian) January 19, 2023.

**McKune, S.** (2022) Investigating Behavior Change for Improved Nutrition. USAID Bureau for Resilience and Food Security’ Research CoP Summer (Back to) School Series; Behavioral and Social Science Research 101. August 25, 2022. Online.

**McKune, S.** (2021) Research for development in a context of climate change and political instability. Climate and conflict in the Sahel. Centre FracoPaix, Dec 2-3, 2021. Montreal, Quebec.

**McKune, S.** (2021)Global Food Security and Animal Source Food. Invited speaker, Graduate Seminar Series for the Department of Animal and Food Science, University of Delaware. October 4, 2021.

**McKune, S.**, moderator. (2021) Sustainability into Practice: Climate Change, Health, and Equity. The Bob Graham Center for Public Service.

Havelaar, A. and **McKune, S.** (2020). Formative research livestock, Campylobacter and child nutrition: Findings from the formative research of the CAGED study in rural Ethiopia. Feed the Future Innovation Lab for Livestock Systems. University of Florida. July 2, 2020.

**McKune, S.** Preliminary Results of a One Year Study to Improve Nutrition in Children Under Two Through Increased Egg Consumption in Burkina Faso. Invited Speaker at USAID sponsored Symposium: Ensuring children’s cognitive and physical development through animal-source foods. June 5, 2019. Washington, DC.

**McKune, S.,** Dahl, G., and Ladd (2019). From herds to households: unpacking the challenges and benefits around animal source foods. Agrilinks Webinar on Food and Nutritional Security. November 18, 2019.

**McKune, S.** Global Food Security: What role for livestock? Invited speaker at Food, Farming and Sustainability. Hosted by the Earth Instituted at Columbia University, September 10, 2018.

**McKune, S.,** Colverson, K. and Harris-Coble, L. (2018) Gender and Nutrition in Livestock Systems: Three part webinar series for integrating gender and nutrition into livestock systems research. Feed the Future Innovation Lab for Livestock Systems. University of Florida.

Academic Conference Presentations/Posters (\* indicates Senior author)

Coker, K., Nesbit, T., Forthun, L. and **S. McKune**. (2023) Learning from Black women: A Community Engaged Approach to Establishing Trust in the Reproductive Healthcare Provider-Patient Relationship. National Council on Family Relations. November 8-11, 2022. Orlando, FL.

McKune, S., Serra, R., and Villalon, L. (2022). Climate Change and the Sahel: A Social Science Approach to Inquiry. AGRHYMET CILSS Climate Change in the Sahel Annual Conference, Niamey, Niger. May 31, 2022.

McNamara, K., McOmber, C., and **McKune, S.** (2022). Researching outside normative methodological frameworks: Creativity, storytelling, and play in the study of empowerment. International Association for Feminist Economics. Geneva, Switzerland. July 1, 2022.

Singh, N., Serra, R., Ludgate, N. and **McKune, S.** (2022). Gender and Intersectional Analyses of Livestock Systems in low and middle-income countries: Findings from WELI analyses in Nepal, Uganda, and Senegal. International Association for Feminist Economics. Geneva, Switzerland. June 29, 2022.

Serra, R., Ludgate, N., Singh, N. and **McKune, S.** Women's Empowerment in Nepal, Uganda, and Senegal. International Association for Feminist Economics. Geneval, Switzerland. June 29, 2022.

Acosta, D., Fujii, Y., Joyce-Beaulieu, D., Maurelli, A.T., Nelson, E., and **McKune, S**. Racial differences in anxiety, depression, and OCD in school-age children, one year into the COVID-19 pandemic. PHHP Diversity, Equity, and Inclusion Week, 2022. February 17, 2022.

Acosta, D., Fujii, Y., Joyce-Beaulieu, D., Maurelli, A.T., Nelson, E., and **McKune, S.** The infected and the affected; mental health implications of children in a K-12 school, a prospective cross-sectional time series study. PHHP Research Day. February 10, 2022.

Acosta, D., Fujii, Y., Joyce-Beaulieu, D., Jacobs, K.D., Maurelli, A.T., Nelson, E., and **McKune, S**. Psychosocial health of K-12 students engaged in emergency remote education and in-person schooling: A cross-sectional study. University of Florida Pediatrics Science Day. June 3, 2021.

Schieber, E., Slanzi, C.M., Liang, S., Havelaar, A. H., Mohammed, A. I., and **McKune, S.** Behavioral Training of Local Enumerators for Observing Exposure of Young Children to Campylobacter in Ethiopia. Association for Behavior Analysis International 47th Annual Convention. May 31, 2021.

Schieber, E., Slanzi, C.M., Liang, S., Havelaar, A. H., Mohammed, A. I., and **McKune, S.** Behavioral Observation Training for Public Health Research in Ethiopia. Consortium of Universities in Global Health. March 12, 2021.

Acosta, D. and **McKune, S.** Understanding the Risk Factors for Psycho-Social Distress in Children in Florida During the COVID-19 Pandemic. 2021 Southeast Regional Clinical & Translational Science Conference. March 4, 2021.

Singh, N., Chen, D., Rabil, A., Havelaar, A. and **McKune, S.** Characterizing Women’s Empowerment in Eastern Ethiopia and its Associations with Dietary Diversity, Child Growth, and Campylobacteriosis in Yong Children. Emerging Pathogens Institute. University of Florida. February 25, 2021.

Schieber, E., Slanzi, C.M., Liang, S., Havelaar, A. H., Mohammed, A. I., and **McKune, S.** Behavioral Observation Applications in Public Health Research: The Tablet App and in Practice. Emerging Pathogens Institute. University of Florida. February 25, 2021.

Acosta, D., Diaz, N., Brittain, K.,  Joyce-Beaulieu, D., Maurelli, A., Nelson, E., and **McKune S**. Psychosocial Health of School-Age Children During the Initial COVID-19 Safer-At-Home Mandates in Florida: A Cross-Sectional Study. PHHP 2021, Gainesville, FL, United States. February 11, 2021 <https://research.phhp.ufl.edu/welcome-from-the-associate-dean-for-research/phhp-research-day-2021/>

Coker, K. and **McKune, S**. Peste des Petits Ruminants and Newcastle Disease Vaccine Value Chains in Senegal: access and womens engagement. Conference for Research Workers on Animal Diseases (CRWAD2020). December 5, 2020.

Acosta, D. and **McKune, S.** The Peste des Petites Ruminants vaccine value chain in Karamoja: who has access to the vaccine and who does not? Conference for Research Workers on Animal Diseases (CRWAD2020). December 5, 2020.

**McKune, S.** Psychosocial impacts of COVID-19 on K-12 population. UF-FSU Joint Covid-19 Symposium. October 19, 2020.

**McKune, S.,** Nelson, E., and Maurelli, A. K-12 students and families in the time of COVID-19: Surveillance for SARS-CoV-2 and psychosocial impacts of lockdown. CTSI COVID-19 Pilot Award Seminar Series. Aug 10, 2020.

Sanchez, P., Adesogan, A. Kiker, G., Anderson, J., **McKune, S.,** Serra, R., Hendrikx, S., and Palm, C. The Future of Food. Side Event at the World Food Prize: Building Resilience Today for Improved Global Food Systems Tomorrow. October 14, 2020.

**McKune, S.** (2020). Findings from the Un Oeuf Study, Sanmatenga, Burkina Faso. Invited speaker at the Micronutrient Forum 5th Global Conference, Bangkok, Thailand. Postponed from March 22-27 to November 9-13, 2020.

**McKune, S.** (2020). Scaling the findings from the *Un Oeuf* Study in Burkina Faso. Jan 30, 2020. Policy Round Table, USAID. Ouagadougou, Burkina Faso.

\*Scheiber, E., Slanzi, C., Liang, S., Havelaar, A., and **McKune, S**. (2019). Behavioral Training of Local Enumerators for Observing Exposure of Young Children to Campylobacter in Ethiopia. Association for Behavioral Analysis International. Washington DC (Virtual). May 21-25, 2020.

\*Singh, N., Munoz, O., Flannery, K., Colverson, K., and **McKune, S.** Understanding how domains of empowerment affect animal source food consumption across three African countries. 7th Annual Scientific Symposium on Agriculture-Nutritoin: Pathways to Resilience. December 11, 2019. Kathmandu, Nepal.

Ghanem, M, Terefe, Y., Deblais, L., Helmy, Y., Chen, D., Singh, N., Ahyong, V., Kalantar, K., Yimer, G., Yousuf Hassen, J., Mohammed, A., **McKune, S.,** Manary, M., Ordiz, M., Gebreyes, W., Havelaar, A., Rajashekara, G. Campylobacter species diversity in children and livestock in Eastern Ethiopia. The 100th Annual Conference of Research Workers in Animal Diseases (CRWAD), November 2-5, 2019, Chicago, Illinois.

Chen, D., **McKune, S.,** Singh, N., Hassen, J., Gebreyes, W., Manary, M., Bardosh, K., Yang, Y., Mohammed, A., Terefe, Y., Roba, K., Ketema, M., Ameha, N., Assefa, N., Rajashekara, G., Deblais., L, Yimer, G., Ordiz, I., Diaz, N., and Havelaar, A. (2019). Childhood Stunting and Campylobacter Colonization in Rural Ethiopia - Findings from Formative Research of the Campylobacter Genomics and Environmental Enteric Dysfunction (CAGED) Project. *Submitted* to American Society of Tropical Medicine and Hygiene, November 20-24, 2019. Bethesda, MD.

**McKune, S.,** Anderson, H., Sapp, A., N’Diaye Wereme, A., and Omer, A. (2019). Catalyzing egg consumption through an innovative behavior change strategy in Burkina Faso. American Public Health Association, November 2-6, 2019. Philadelphia, PA.

**McKune, S.,** Anderson, H., N’Diaye Wereme, A., Omer, A. (2019). Midline Results of Study to Improve Nutrition in Children Under Two Through Increased Egg Consumption in Burkina Faso. Poster presentation International Nutrition Symposium: Improving human nutrition and incomes through effective livestock research and extension partnerships. April 25-26, 2019, Kathmandu, Nepal.

Chen, D., **McKune, S.,** Singh, N., and Havelaar, A. Childhood stunting is associated with Campylobacter colonization in rural Ethiopia. Emerging Pathogens Institute Research Day, University of Florida, February 7, 2019.

Havelaar, A., Chen, D., Yousuf, J., **McKune, S.,** Gebreyes, W., Manary, M., and the CAGED study team. (2019). Children, chickens, eggs, environmental enteric dysfunction and Campylobacter: the CAGED study. CHRO.

\*Sapp, A., Anderson, H., and **McKune, S.** Improving Nutrition in Children Under Two Through Increased Egg Nutrition in Burkina Faso, a Statistical Analysis. (2019). PHHP Research Day, University of Florida, April 4, 2019.

\*Rabil, A. and **McKune, S.** (2019). Women’s Empowerment in Agriculture: Understanding the Five Domains of Empowerment in the Context of Livestock Ownership, Animal Source Food Consumption, and Child Malnutrition in Haramaya, Ethiopia. PHHP Research Day, University of Florida, April 4, 2019.

\*Daniel, J., **McKune, S.,** and Havelaar, A. (2019). Understanding the Impact of Breastfeeding Practices on Early Childhood Diarrheal Disease in Rural Ethiopia. PHHP Research Day, University of Florida, April 4, 2019.

\*Wereme, A., Yacouba, Z., and **McKune, S.** (2018) Improving Nutrition in Children Under Two Through Increased Egg Consumption in Burkina Faso. USAID Livestock System Innovation Lab Partner Meeting, Ouagadougou, Burkina Faso. December 17, 2018.

**McKune, S.** (2018). Livestock for Nutrition. Livestock, Sanitation, Hygiene, and Child Growth: Exploring the Complex Underlying Causes of Child Stunting. University of Florida, March 2, 2018.

\*Nelson, J., Galindo, S., and **McKune S.** (2017). Fostering Resiliency Among Vulnerable Groups in Luwero, Uganda. Southern Rural Sociological Association, Jacksonville, FL, February 2-6, 2018.

**McKune, S.** Women's empowerment, food production, and income generation: assessing pathways to improve nutrition in Africa and South Asia. (2017). 7th International Conference on Food Studies, Roma Tre University, Rome, Italy 26-27 October 2017.

\*Wood, L., Chapman, K., Beau de Rochars, M., and **McKune S.** Community-Based Health Needs Assessment in Léogâne and Gressier, Haiti: Six Years Post-Earthquake. Consortium of Universities for Global Health (CUGH). Washington, DC.April 6-9, 2017.

\*Chapman, K., Wood, E., Beau de Rochars, M., and **McKune, S.** (2017). Perceptions of Vaginal Illness Related to Water Quality in the Coastal Ouest Region of Haiti. Consortium of Universities for Global Health (CUGH). Washington, DC.April 6-9, 2017.

\*Chapman, K., Wood, E., and **McKune, S.** (2017). Perceptions of Vaginal Illness Related to Water Quality in the Coastal Ouest Region of Haiti. Society for Applied Anthropology Meeting. Santa Fe, NM. March 28 - April 1, 2017

Gonzales Tovar, J., Barnes, G., and **McKune, S.** (2017). What is the relationship between tenure security, good governance, and poverty alleviation: What do we know and what can we learn from this evidence? Annual World Bank Conference on Land and Poverty. Washington, DC. March 20-24, 2017.

**McKune, S.** (2016). Food Security and Nutrition Among Livestock Holders. African Studies Association. Washington, DC. December 1-3, 2016.

Devos, L., Grigg, J., Blue, A., and **McKune, S.** Developing Team Skills Competencies for the Global Health Context: Interprofessional Predeparture Training for Health Science Students Engaging in Global Health Projects at the University of Florida. Consortium of Universities in Global Health (CUGH). San Francisco, CA. April 9-12, 2016.

**McKune, S.,** Ikponmwonba, C., and Alalbduljabbar, M. How the Interdisciplinary leads to the Innovative in Global Health: Learning from the Global Health Case Competition at the University of Florida. Consortium of Universities in Global Health (CUGH). San Francisco, CA. April 9-12, 2016.

**McKune, S.** Integrating gender into climate information services: A mechanism for improving food security. American Public Health Association, Chicago, Illinois. October 31-November 3, 2015.

Serra, R. and **McKune, S.** Innovative approaches to climate change: Climate information services in Senegal**.** International Conference on Sustainable Development Practice. New York, NY. September 21-23, 2015

**McKune, S.** Improving Livestock Holder Food Security: Conceptualizing Climate Vulnerability through a Gendered Lens. International conference on Climate Change Innovation and Resilience, Kathmandu, Nepal. January 12-15, 2015.

**McKune, S.** and Young, A. Ethnography and the Measurement of Pastoral Resilience across Communities in East and West Africa. American Anthropological Association, Washington, DC. December 6, 2014.

Russo, S., **McKune, S**., and Tall, A. Gender Dimensions of Weather and Climate Services: Universal Access – Empowering Women. World Meteorological Organization, Geneva, Switzerland. November 5-7, 2014.

**McKune, S.** Understanding vulnerability in the Sahel in a context of Climate Change. Demography and the Challenge of Social Change in the African Sahel, Gainesville FL. September 20, 2014.

**McKune, S.** Perceived risk of climate change and patterns of adaptation and livelihood resilience in eastern Niger. Adaptation Futures: 2012 International Conference on Climate Adaptation, Tucson AZ. May 29-June 1, 2012.

Service

***External Service***

2020 – 2021 COVID-19 Scientific Medical Advisory Committee, Alachua County Health Department and School Board of Alachua County

2013 – 2019 Technical Advisory Group Member, Fogarty Indo-US Training Program on Chronic Non-Communicable Diseases Across the Lifespan.

2016 – 2018 Technical Advisory Group Member, The University of Florida and University of Ghana HIV & TB Fogarty International Research Training Program.

***University service***

2014 – present Center for Arts in Medicine Advisory Board

2014 – present International Outreach Advisory Council, Graduate School, UF

2014 – present International Council, PHHP Representative, UF

2013 – 2018 Founding faculty advisor, Global Health Case Competition, UF

2012 – 2016 Global Health Council, Coordinator

2013 – 2015 Center for African Studies Advisory Board

***Affiliate faculty status:***

2013-present Affiliate Faculty School of Natural Resources and the Environment

2012-present Affiliate Faculty Masters in Sustainable Development Studies

***Faculty Mentees:***

Dr. Tracie Baker, 2022, Global Fellows Program, Ethiopia

Dr. Heather Stark, 2022 Global Fellows Program, Ethiopia

Dr. Eric Coker, 2018, Global Fellows Program, Uganda

***PhD graduates (\* indicates chair position):***

\*Olga Munoz, PhD candidate in Public Health, 2022 College of Public Health and Health Professions

Dissertation Title: *Collaboration in resilience of State Veterinary Services during the COVID-19 Pandemic: case studies from Switzerland, Nepal, Tunisia, and Chile*

Douglas Monroe, PhD student in Anthropology, 2022 College of Liberal Arts and Sciences

 Dissertation Title: *Food Deserts, Food Insecurity, and the Community Food Movement*

Rebecca Henderson, MD, PhD in Anthropology, 2022 College of Liberal Arts and Sciences

Dissertation Title: *Cancer and Crisis: Time, Knowledge, and Evidence in Haitian Oncology*

Allegra Cohen, PhD in Agricultural and Biological Engineering, 2021, College of Agriculture

Dissertation Title: *Intra-Scale Modeling of Agricultural Systems*

Nicholas Dowhaniuk, PhD Candidate in Geography, 2021, College of Liberal Arts and Sciences

Dissertation Title: *Illness, Health-Seeking Behavior and Community-Health in Northern Uganda: A Community-Based Participatory Approach*

Elizabeth Schieber, PhD in Behavioral Analysis, 2021, Psychology, College of Liberal Arts and Sciences

Dissertation Title: *Increasing Cooperation of Children with Developmental Disabilities during Dental Exams*

Crystal Slanzi, PhD in Behavioral Analysis, 2021, Psychology, College of Liberal Arts and Sciences

Dissertation Title: *Further Evaluation Of The Extended No-Interaction Condition As A Screening For Behavioral Function*

Ryan Moore, PhD in Geography, 2021, College of Liberal Arts and Sciences

Dissertation Title: *Land Cover and Environmental Change and Their Implications in East Africa*

Keerati Ponpetch, PhD in One Health, Public Health, 2020, College of Public Health and Health Professions

Dissertation Title: *Environmental Determinants and Spatial Distribution of Schistosomiasis in Ethiopia*

\*Emi Moore, PhD in One Health, Public Health, 2020, College of Public Health and Health Professions

Dissertation Title: *Improving Nutrition in Children Under Five in Burkina Faso: A One Health Approach*

Mirna Amaya, PhD in One Health, 2019, Public Health, College of Public Health and Health Professions

Dissertation Title: *Health Systems and Urban Epidemic Response in Central America: Human Resources for Health in El Salvador*

Kelly Chapman, MPH, PhD in Anthropology, 2018, College of Liberal Arts and Sciences

Dissertation Title:  [*Women and Water : Household Water Beliefs and Behaviors among Women in Gressier and Leogane, Haiti*](https://uf.catalog.fcla.edu/uf.jsp?ADV=S&t1=Dissertations%2C+Academic+--+UF&k1=su&op1=a&t2=Kelly+Chapman&k2=au&op2=a&t3=&k3=kw&avli=&fa=&fa=&pf=&pt=&V=D&S=1741595966842027&I=0#top)

Karen Bailey, PhD in Interdisciplinary Ecology, 2018. School of Natural Resources and the Environment. College of Agriculture and Life Sciences.

 Dissertation Title: *Drought Adaptation Among Small-Scale Farmers in Swaziland: Understanding Relationships With Capital, Cognition, And Well Being*

Smrittee Panta, PhD in Tourism, Recreation and Sports Management, 2018. College of Health and Human Performance.

 Dissertation Title: *Decentralized Conservation and Livelihood Sustainability: Analysis of Buffer Zone Program In Bardia National Park, Nepal*

\*Lindsey Laytner, PhD in Public Health, 2018, College of Public Health and Health Professions.

 Dissertation Title: *Understanding livestock ownership, dietary diversity and Animal Source Food consumption, and the environmental and spatial determinants of nutrition status in CU5 in rural southern Haiti.*

\*Jacob Atem, PhD in Public Health, 2017, College of Public Health and Health Professions.

 Dissertation Title: *Characterization of risk factors, morbidity, and mortality associated with diarrheal disease among Children Under Five (CU5) in East Africa’s refugee camps*

***Current PhD student advisory committees (\* indicates chair position):***

Tyler Nesbit, PhD student in Family Youth and Community Sciences, College Agriculture and Life Sciences

Kayan Clarke, PhD candidate in Public Health, College of Public Health and Health Professions

\*Katie McNamara, PhD candidate in Public Health, College of Public Health and Health Professions

\*Karah Mechlowitz, PhD candidate in Public Health, College of Public Health and Health Professions

\*Karen Coker, PhD student in Public Health, College of Public Health and Health Professions

\*Daniel Acosta, PhD student in Public Health, College of Public Health and Health Professions

Li, Xiolong, PhD student in Public Health, College of Public Health and Health Professions

Chen, Dehoa, PhD student in Public Health, College of Public Health and Health Professions

Shreejana Bhattarai, PhD candidate in Geography, College of Liberal Arts and Sciences

Valerie Valerio, PhD candidate in Agricultural and Biological Engineering, College of Agriculture and Life Sciences

***Current and Past Master of Sustainable Development Practice (MDP) Students & Practica (\* indicates chair position):***

\*Carla Nelson (MDP, 2024) TBD

\*Laras Salsanila (MDP, 2024) TBD

\*Sebastian Ponce (MDP, 2023) *Implementing Wellness Tourism: Mindfulness-Based Intervention Services for Sapana Eco-Lodge, Nepal*

\*Trent Gautney (MDP, 2023), *Evaluating and Improving Community Engagement for Electoral Reform in the Cooperative Republic of Guyana, Guyana*

\*Hannah Jo Maier (MDP, 2023) Uganda

\*Fraleigh Krause (MDP, 2023) *Build the person, change the world: Rethinking care for orphasn and vulnerable children, Costa Rica*

\*Fallon Yamile Riano-Jimenez (MDP, 2023) *Experiences with the Rwanda Dairy Farm Assessment Advisory Tool, Rwanda*

\*Jennifer Johnson, (MDP 2022) *Analysis of Healthcare Worker Protests Globally in the context of COVID-19*

Christina Joy, (MDP 2020) *Financial Strategy for Sustainability of a Primary School in Rural Tanzania*

\*Adi Gangga, (MDP 2020) *Integrating Gender and Intersectionality into Vaccine Value Chains in Nepal to Improve Nutrition*

Angelia Melidosian, (MDP 2019) *Deathics: Ethical Death and Dying in Psychosocial and Spiritual Palliative Care, Argentina*

\*Nick Diaz, (MDP 2019)*Assessing Nutritional Health Behaviors and Attitudes in Karamoja, Uganda*

\*Daniel Acosta, (MDP 2019) *The livestock vaccine supply chain: why does it matters and how it can help eradicate Peste des Petits*

 *Ruminants and other diseases based on findings in Karamoja, Uganda*

\*Corey Jones, (MDP 2018) *Initial Impact Assessment of a Grassroots NGO in Kivu Province, Eastern DRC*

\*Zotha Zongu, (MDP 2017) *Tracking Learner Achievement and the Impact of the Old Mutual Flagship Program in Nine Project Schools in Motheo District, Free-State Province, South Africa.*

Russ Anderson, (MDP 2017) *Coastal Resource Management within Placencia, Belize: Analysis of Challenges and Opportunities in Caribbean Development*

\*Eunmi Song, (MDP 2017): *Reproductive Health Education Needs Assessment of Adolescent Girls in Uganda*

July Nelson, (MDP 2017): *Designing and Conducting a Needs Assessment for Shanti Uganda’s Garden Program in Luwero, Uganda*

\*Rachel Velez, (MDP 2017): *Fostering the capacity of Kibera’s (Kenya) care groups to promote wash behaviors among pregnant and lactating women*

Dan Stirling (MDP 2014): *Health Barrier Analysis to Inform Community Outreach in Kitgum, Northern Uganda*

Stephanie Chatfield (MDP 2013): *Developing Tools for Impact: Sanitation Behavior Change among Women in Southern Ethiopia*

***Current and Past Master of Health Science (MHS One Health) students (faculty advisor):***

Kristie Sullivan, August 2023

Nora Schmidt, August 2022

***Current and Past Master of Public Health (MPH) students (faculty advisor):***

George Lee, May 2023

Princess Torres-Salva, May 2023

Zoe Martusewicz, May 2022

Jenna Daniel, August 2019

Rebecca Austin-Datta, August 2019

Amanda Sapp, May 2019

Somaya Omer, May 2018

Sarah Rankin, May 2018

Yara Mohammed, May 2018

Heather Anderson, MD, August 2017

Ruth Antoine, May 2017

Rajaa Masjhour, May 2017

Kriti Yadav, May 2017

Alice Liang, May 2017

Matt Prebble, December 2016

Erik Black, MD August 2016

Amelia Rooks, August 2016

Rachel Moscato, May 2016

Halima Abukabbos, May 2016

Stephen Pape, May 2016

Gabrielle Fraley, May 2015

E. Lynn Turner, DVM August 2015

Brian McDaniel, December 2015

Daris Townsend, December 2015

Carlos Quijada, Decmeber 2015

Stephanie Ateuyi, May 2014

Darrin Hartley, August 2013

Courtney Grillo, August 2013

***Current and Past UF Undergraduate Honors students (faculty mentor)***

Gabriela Sepulveda, Public Health, 2024

Kaylinn Escobar, Public Health, 2024

Manouchca Saintilus, Public Health 2024

Maggie Coffman, *Poultry Production in a Behavior Change Project in Burkina Faso*, Public Health, May 2020

Anna Rabil, *Women’s Empowerment and Child nutrition in Ethiopia,* Public Health, May 2019

Olivia Brown, *Education in the Sahel,* Political Science, May 2019

Krinna Patel, *Drivers of Animal Source Food Consumption in Eastern Niger,* Public Health, 2018

Michael Rabold, *The Effects of Livelihood on Improved Health Outcomes in Northeastern Niger,* Health Science, 2012

Awards and Honors

2022-2023 **Doctoral Dissertation** **Mentor of the Year**, the College of Public Health and Health Professions

2021-2022 **Graduate Education Diversity Champion Award**, the Graduate School, University of Florida

2020-2021 **Doctoral Dissertation Mentor of the Year**, the College of Public Health and Health Professions

2020 **International Educator of the Year**, Junior Faculty Award, University of Florida

2011 **IGERT Poster Competition Finalist**.Research poster/presentation selected as one of 10 finalists from 135 graduate fellows from all NSF IGERT-funded programs across the country ($3,000 award)

2009-2010 **Foreign Language and Area Studies (FLAS) Fellowship,** Arabic, US Department of Education and University of Florida, Center for African Studies ($15,000 + tuition)

2008-2009 & **NSF IGERT Fellowship**, Adaptive Management, Wise Use of Water, Wetlands & Watersheds,

2010-2011National Science Foundation and University of Florida Department of Environmental Engineering Center for Environmental Policy ($60,000 + tuition)

2001 **Gangarosa Transcultural Award**, Rollins School of Public Health, Emory University. Awarded to facilitate MPH research in Abidjan, Cote d’Ivoire ($3,500 award)

1999 **Wofford College Departmental Award**, Sociology and French, awarded to the outstanding graduating student of each department

1995-1999 **Anna Todd Wofford Scholarship**, four-year scholarship awarded for outstanding qualities of scholarship, leadership and character.

1997-1999 **Boyd C. Hipp, II Scholarship,** two-year scholarship awarded on the basis of self-reliance, initiative, and resourcefulness; ability to communicate; successful relationships with people; energy and physical vigor; leadership capacity; and a desire to serve.

Professional Trainings & Certificates

2012 *Developing Interdisciplinary Curricula for Successful NSF-IGERT,* by Maura Borrego, Virginia Tech

2011 *Structural Equation Modeling*, by Statistical Horizons

2005 *Minimum Initial Service Package (MISP) for Reproductive Health in Crisis Situations*

2004 *Census Workshop: Demographic Analysis Using the 2000 US Census*, by Calm River Demographics2004 *Facilitative Leadership: Tapping the Power of Participation*, training by Interaction Associates

Language Competency

English – native speaker

French – fluent

Arabic – beginner

Professional and Academic Affiliations

Phi Beta Kappa

Blue Key Honor Fraternity

Delta Omega Public Health Honor Society

American Public Health Association

Association of Women in Development

American Society of Tropical Medicine and Hygiene