

Maia Call

The United States Agency for International Development

Email mcall@usaid.gov**EDUCATION**

- 2017 Ph.D. Geography, University of North Carolina at Chapel Hill
Dissertation: Rural Livelihoods and Environmental Change in Uganda
- 2012 B.A. Geography, University of North Carolina at Chapel Hill

RESEARCH AND PROFESSIONAL EXPERIENCE

- 2019-Present Data Scientist and Council for Library and Information Resources Postdoctoral Fellow
The United States Agency for International Development
- 2017-2019 Postdoctoral Fellow at the National Socio-Environmental Synthesis Center
The University of Maryland
Postdoctoral Mentor: Dr. Lori Hunter, University of Colorado Boulder
- 2017 Instructor in the Geography Department
The University of North Carolina at Chapel Hill
- 2012-2017 Pre-Doctoral Trainee at the Carolina Population Center
The University of North Carolina at Chapel Hill
- 2012 Geographic Information Sciences Consultant, The Odum Institute
The University of North Carolina at Chapel Hill

GRANTS, FELLOWSHIPS, AND AWARDS

- 2017-2019 Postdoctoral Research Fellowship
The National Socio-Environmental Synthesis Center (\$210,000)
- 2017 Population Geography Specialty Group Paper Award
The American Association of Geographers (\$300)
- 2016-2017 Doctoral Dissertation Completion Fellowship
The University of North Carolina at Chapel Hill (\$18,000)
- 2014 Carolina Population Center Summer Research Residency
The University of North Carolina at Chapel Hill (\$1,500)
- 2014 Center for Global Initiatives Pre-Dissertation Travel Grant
The University of North Carolina at Chapel Hill (\$3,000)
- 2012-2016 Eunice Kennedy Shriver National Institute of Child Health and Human Development
Funded Carolina Population Center Pre-Doctoral Traineeship
The University of North Carolina at Chapel Hill (\$100,000)

PUBLICATIONS

Peer-Reviewed Journal Articles

- 2020 **Call, M.** and C. Gray. Climate anomalies, land degradation and rural out-migration in Uganda. *Population and Environment*, 41(4), 507-528.
- 2019 Wrathall, D.J, V. Mueller, P. U. Clark, A. Bell, M. Oppenheimer, M. Hauer, S. Kulp, E. Gilmore, H. Adams, R. Kopp, K. Abel, **M. Call**, J. Chen, A. deSherbinin, E. Fussell, C. Hay, B. Jones, N. Magliocca, E. Marino, A. Slangen and K. Warner.

- (2019). Meeting the looming policy challenge of sea-level change and human migration. *Nature Climate Change*, 9(12), 898-901.
- Hauer, M.E., E. Fussell, V. Mueller, M. Burkett, **M. Call**, K. Abel, R. McLeman and D. Wrathall. (2019) Sea-level rise and human migration. *Nature Reviews Earth & Environment*, 1-12.
- Call, M.**, and S. Sellers. (2019). How does gendered vulnerability shape the adoption and impact of sustainable livelihood interventions in an era of global climate change? *Environmental Research Letters*, 14(8), 083005.
- Call, M.**, C. Gray, and P. Jagger. (2019) Smallholder livelihood responses to climate anomalies in Uganda. *World Development*, 115, 132-144.
- 2017 **Call, M.**, C. Gray, M. Yunus, and M. Emch. (2017). Disruption, not displacement: Environmental variability and temporary migration in Bangladesh. *Global Environmental Change*, 46, 157-165.
- Call, M.** and P. Jagger. (2017). Social capital, collective action, and communal grazing lands in Uganda. *International Journal of the Commons*, 11(2).
- Call, M.***, T. Mayer*, S. Sellers*, D. Ebanks*, M. Bertalan*, E. Nebie*, and C. Gray. (2017). Socio-environmental drivers of forest change in rural Uganda. *Land Use Policy*, 62, 49–58. *Authors contributed equally to this research
- 2016 **Call, M.** and P. R. Voss. (2016). Spatio-temporal dimensions of child poverty in America, 1990–2010. *Environment and Planning A*, 48(1), 172–191.

Other Publications

- 2016 **Maia Call**. “The persistence of child poverty since 1990 despite massive social and economic changes reinforces the importance of place-based policies.” Invited blog post for the London School of Economics US Centre.
<http://blogs.lse.ac.uk/usappblog/2016/01/26/the-persistence-of-child-poverty-since-1990-despite-massive-social-and-economic-changes-reinforces-the-importance-of-place-based-policies/>

CONFERENCE PRESENTATIONS

Papers Presented

- 2019 **M. Call**, C. Gray. “Is Climate Stress Driving Tropical Depopulation?” *Population Association of America*. Austin, TX. April 10-13.
- E. Munshi, **M. Call**, C. Gray. “Climate Change and Food Security in Uganda.” *Population Association of America*. Austin, TX. April 10-13.
- M. Call**, C. Gray, P. Jagger. “Smallholder responses to climate variability.” *American Association of Geographers*. Washington, D.C. April 3-7.
- 2018 **M. Call**, L. Hunter. “The Gender Dynamics of Climate Migration in Indonesia.” Migration, Environment, and Climate: What risk inequalities? *IUSSP International Conference*. Paris, France. October 22-23.
- M. Call**, L. Hunter. “The Gender Dynamics of Climate Migration in Indonesia.” *Boundary Spanning: Advances in Socio-Environmental Systems Research*. Annapolis, MD. June 11-13.
- M. Call**, L. Hunter. “The Gender Dynamics of Climate Migration in Indonesia.” *Population Association of America*. Denver, CO. April 26-28.

- M. Call**, L. Hunter. "The Gender Dynamics of Climate Migration in Indonesia." *American Association of Geographers*. New Orleans, LA. April 10-14.
- 2017 **M. Call**, C. Gray, P. Jagger. "Climate variability and rural livelihood diversification in Uganda." *Population Association of America*. Chicago, IL. April 27-29.
- M. Call**, C. Gray. "What drives environmental migrants? Longitudinal evidence from Uganda." *Population Association of America*. Chicago, IL. April 27-29.
- M. Call**, C. Gray. "What drives environmental migrants? Longitudinal evidence from Uganda." *American Association of Geographers*. Boston, MA. April 5-9.
- 2016 **M. Call**, C. Gray, M. Yunus, and M. Emch. "Disruption, not displacement: The role of climate variability in temporary migration." *IPOPs International Young Researchers' Conference on the impacts and challenges of demographic changes*, organized by the French Institute for Demographic Studies. Paris, France. September 22-23.
- M. Call**, C. Gray, M. Yunus, and M. Emch. "Climate Events and Temporary Migration in Matlab, Bangladesh." *Population Association of America*. Washington, D.C. March 31-April 2.
- Call, M.***, T. Mayer*, S. Sellers*, D. Ebanks*, M. Bertalan*, E. Nebie*, and C. Gray. "Socio-Environmental Drivers of Forest Change in Rural Uganda." *Population Association of America*. Washington, D.C. March 31-April 2.
- Clark Gray, **Maia Call**, Michael Emch, Richard Bilsborrow. "Indigenous health in the Ecuadorian Amazon: A multilevel and longitudinal analysis." *Population Association of America*. Washington, D.C. March 31-April 2.
- 2015 **M. Call**, P. Voss. "Spatio-Temporal Dimensions of Childhood Poverty in America." *Population Association of America*. San Diego, CA. April 30-May 2.
- 2014 **M. Call**, P. Voss. "Spatio-Temporal Dimensions of Childhood Poverty in America." *American Association of Geographers*. Tampa, FL. April 8-12.
- 2013 **M. Call**, P. Voss. "A Spatio-Temporal Analysis of Childhood Poverty in the United States." Paper presented to the *Southeastern Division of the American Association of Geographers*. Roanoke, VA. November 24-26.
- 2012 **M. Call**. "The Marriage of Statistical Modeling and Historical Manuscripts: Extending the reach and strength of quantitative social analysis to better understand historical events: The Case of Confederate Desertion during the Civil War." *Southern Demographic Association*. Williamsburg, VA. October 10-12.
- Posters Presented*
- 2016 **M. Call**, C. Gray, P. Jagger. "Social Capital, Collective Action, and Communal Grazing Lands in Uganda." *Population Association of America*. Washington D.C. March 31-April 2.
- 2012 **M. Call**. "Under the Influence: The Neighborhood Effect and Confederate Desertion in Forsyth County, NC." *Southeastern Division of the Association of American Geographers*. Asheville, NC. November 18-20.

TRAINING AND SKILLS

- 2017 Teaching practicum in Geography, The University of North Carolina at Chapel Hill
- 2016 U.S. Policy Communication Training Program, Population Reference Bureau
- 2013 Environmental Demography Short Course, The University of Colorado Boulder

Software Experience: Stata, R, ArcGIS, QGIS, ENVI, Tableau

Data Collection: Survey questionnaire design, field testing, implementation, and data cleaning and management post-survey

Analysis: Panel data approaches, time series analysis, event history analysis, and spatial statistics in addition to standard regression methods

TEACHING AND MENTORING

Teaching

2017 Instructor for Introduction to Geographic Information, Department of Geography, The University of North Carolina at Chapel Hill

Graduate Research Consultant for Water, Conflict, and Connection: The Middle East and Ottoman Lands, The University of North Carolina at Chapel Hill

2016 Graduate Research Consultant for Nature and the Problem of its Preservation, The University of North Carolina at Chapel Hill

2015 Graduate Research Consultant for Medical Geography, The University of North Carolina at Chapel Hill

Mentoring

2017-2018 Erika Munshi, Undergraduate Honors Thesis in Geography, The University of North Carolina at Chapel Hill

2017 Sofia McCarthy, Increasing Diversity and Enhancing Academia, The University of North Carolina at Chapel Hill

SERVICE AND OUTREACH

Departmental Service

The University of North Carolina at Chapel Hill

Graduate Student Representative: Undergraduate Committee (2012-13), Information Committee (2013-14), Faculty Meetings (2016-17)

Treasurer, the Geography Association of Graduate Students (2014-15)

University Service

The University of North Carolina at Chapel Hill

Graduate and Professional Students Federation, Senator (2015-16)

Graduate Liaison for Undergraduate Research, Office for Undergraduate Research (2012-17)

Disciplinary Service

Discussant for session on Climate and Population Health. *Population Association of America*. Denver, CO. April 26-28, 2018.

Journal article reviewer for journals including *Population and Environment*, *World Development*, *International Journal of the Commons*, *Nature Climate Change*, *Global Environmental Change*, *Demography*

Outreach Activities

2012-2014 Science Olympiad Coach for Road Scholar event, Guy B. Phillips Middle School, Chapel Hill, NC