Valerie Mueller

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Appointments

Professor, School of Politics and Global Studies Arizona State University	2025–Present Tempe, AZ
Non-Resident Fellow International Food Policy Research Institute	2017–Present Washington, DC
Associate Professor, School of Politics and Global Studies Arizona State University	2020–2025 Tempe, AZ
Assistant Professor, School of Politics and Global Studies Arizona State University	2017–2020 Tempe, AZ
Senior Research Fellow, Development Strategy and Governance Division International Food Policy Research Institute	2015–2017 Washington, DC
Research Fellow, Development Strategy and Governance Division International Food Policy Research Institute	2010–2014 Washington, DC
Postdoctoral Research Fellow, Development Strategy and Governance Division International Food Policy Research Institute	2008–2009 Washington, DC
Postdoctoral Research Fellow, The Earth Institute Columbia University	2006–2008 New York, NY
Postdoctoral Associate, Rosenstiel School of Marine and Atmospheric Science University of Miami	2005–2006 Miami, FL

Education

Ph.D. Agricultural and Resource Economics University of Maryland	August 2005 College Park, MD
M.S. Agricultural and Resource Economics University of Maryland	August 2001 College Park, MD
B.S. Environmental Economics and Policy University of California	June 1998 Berkeley, CA

RESEARCH

Academic Journal Articles (Peer-Reviewed)

[J68] **V. Mueller**, Gray, C., and S. Handa (Forthcoming). "Cash Transfers Relax Climate-Induced Mobility Constraints in Kenya." *Population and Environment*.

[J67] Sheahan, M., M. Hauer, **V. Mueller**, G. Sheriff, C. Fant, I. Holland, M. Sarofim, C. Hartin, and J. Neumann (Forthcoming). "Projections of Future Mortality Risk in Older Adults from High-Tide Flooding in Coastal Areas of the US: An Economic Modeling Study." *Lancet Planetary Health*.

[J66] Thiede, B., J. Chen, **V. Mueller**, C. Hultquist, and Z. Salim (2025). "It's Raining Babies? Flood Exposures and Fertility in Bangladesh." *Population and Development Review* 51(4), 1466-1498.

[J65] Khan, M. J. U., F. Durand, A. Malik, P. Coulet, X. Bertin, **V. Mueller**, Y. Krien, and C. Wainright (2025)."Tropical Cyclone Induced Compound Flooding in Madagascar: A Coupled Modeling Approach."

Natural Hazards 121, 11013-11050.

[J64] Smoldt, M., **V. Mueller**, and C. Thies (2025). "U.S. Enforcement Politics and Remittance Dynamics in Mexico." *Journal of Politics* 87(1), 143-157.

[J63] Maystadt, J.-F., A. Mishra, **V. Mueller**, and M. Smoldt (2024). "The Causes and Policy Responses to Forced Migration and Environmental Degradation in Africa." *Annual Review of Resource Economics* 16, 301-322.

[J62] Caruso, G., **V. Mueller**, and A. Villacis (2024). "Leveraging Unsupervised Machine Learning to Examine Women's Vulnerability to Climate Change." *Applied Economic Perspectives and Policy* 46(4), 1355-1378.

[J61] **Mueller, V.**, M.Hauer, and G. Sheriff (2024). "Sunny Day Flooding and Mortality Risk in Coastal Florida." *Demography* 61(1), 209-230.

[J60] Hauer, M., **V. Mueller**, and G. Sheriff (2023). "Sea Level Rise Already Delays Coastal Commuters." *Environmental Research: Climate* 2(4), 045004.

[J59] **Mueller, V.**, C. Páez-Bernal, C. Gray, and K. Grépin (2023). "The Gendered Consequences of COVID-19 for Internal Migration." *Population Research and Policy Review* 42, 60.

[J58] **Mueller, V.**, K. Grépin, A. Rabbani, A. Ngunjiri, A. Oyekunle, and C. Wenham (2023). "Domestic Burdens Amid COVID-19 and Women's Mental Health in Middle-Income Africa." *Feminist Economics* 29(2), 192-218.

[J57] Grépin, K., **V. Mueller**, N. Wu, and A. Rabbani (2023). "Unmasking the Truth: Experimental Evidence of Facemask Compliance in Bangladesh, Kenya, and Nigeria during the COVID-19 Pandemic." *PLoS Global Public Health* 3(3), e0001086.

[J56] Glazerman, S., K. Grépin, **V. Mueller**, M. Rosenbaum, and N. Wu (2023). "Do Referrals Improve Representation of Women in Mobile Phone Surveys?" *Journal of Development Economics* 162, 103077.

[J55] Chen, J., **V. Mueller**, F. Durand, E. Lisco, Q. Zhong, V.R. Sherin, and A.K.M. Islam (2022). "Salinization of the Bangladesh Delta Worsens Economic Precarity." *Population and Environment* 44, 226-257.

[J54] Hidrobo, M., **V. Mueller**, and S. Roy (2022). "Cash Transfers, Migration, and Gender Norms." *American Journal of Agricultural Economics* 104(2), 550-568.

[J53] **Mueller, V.**, K. Grépin, A. Rabbani, B. Navia, A. Ngunjiri, and N. Wu (2022). "Food Insecurity and COVID-19 Risk in Low- and Middle-Income Countries." *Applied Economic Perspectives and Policy* 44(1), 92-109.

[J52] Christian, P., S. Glover, F. Kondylis, **V. Mueller**, M. Ruzzante, and A. Zwager (2022). "Do Private Consultants Promote Savings and Investments in Rural Mozambique?"*Agricultural Economics* 53(1), 22-36.

[J51] Christian, P., F. Kondylis, **V. Mueller**, A. Zwager, and T. Siegfried (2022). "Monitoring Water for Conservation: A Proof of Concept from Mozambique." *American Journal of Agricultural Economics* 104(1), 92-110.

[J50] Hauer, M., D. Hardy, S. Kulp, **V. Mueller**, D. Wrathall, and P. Clark (2021). "Assessing Population Exposure to Coastal Flooding due to Sea Level Rise." *Nature Communications* 12, 6900.

[J49] Hauer, M., **V. Mueller**, G. Sheriff, and Q. Zhong (2021). "More than a Nuisance: Measuring How Sea Level Rise Already Delays Commuters in Miami, FL." *Environmental Research Letters* 16, 064041.

[J48] Caruso, G., C. Gomez Canon, and **V. Mueller** (2021). "Spillover Effects of the Venezuelan Crisis: Migration Impacts in Colombia." *Oxford Economic Papers* 73(2), 771-795.

[J47] Bell, A., D. Wrathall, **V. Mueller**, J. Chen, M. Oppenheimer, M. Hauer, H. Adams, S. Kulp, P. Clark, E. Fussell, N. Magliocca, T. Xiao, E. Gilmore, K. Abel, M. Call, and A. Slangen (2021)."Migration Towards Bangladesh Coastlines Projected to Increase with Sea-level Rise through 2100." *Environmental Research Letters* 16(2), 024045.

[J46] **Mueller, V.**, G. Sheriff, C. Keeler, and M. Jehn (2021). "COVID-19 Policy Modeling in Sub-Saharan Africa." *Applied Economic Perspectives and Policy* 43(1), 24-38.

[J45] **Mueller, V.**, C. Gray, and D. Hopping (2020). "Climate-Induced Migration and Unemployment in

Middle-Income Africa." *Global Environmental Change* 65, 102183.

[J44] Schmidt, E., **V. Mueller**, and G. Rosenbach (2020). "Rural Households in Papua New Guinea Afford Better Diets with Income from Small Businesses." *Food Policy* 97, 101964.

[J43] **Mueller, V.**, E. Schmidt, and D. Kirkeeng (2020). "Structural Change and Women's Employment Potential in Myanmar." *International Regional Science Review* 43(5), 450-476.

[J42] Gray, C., D. Hopping, and **V. Mueller** (2020). "The Changing Climate-Migration Relationship in China, 1989-2011." *Climatic Change* 160(1), 103-122.

[J41] Maystadt, J.-F., **V. Mueller**, J. van den Hoek, and S. van Weezel (2020). "Vegetation Changes Attributable to Refugees in Africa Coincide with Agricultural Deforestation." *Environmental Research Letters* 15(4), 044008.

[J40] **Mueller, V.**, C. Gray, S. Handa, and D. Seidenfeld (2020). "Do Social Protection Programs Foster Short-term and Long-term Migration Adaptation Strategies?" *Environment and Development Economics* 25, 135-158.

[J39] **Mueller, V.**, G. Sheriff, X. Dou, and C. Gray (2020). "Temporary Migration and Climate Variation in East Africa." *World Development* 126, 104704.

[J38] Hauer, M., E. Fussell, **V. Mueller**, M. Burkett, M. Call, K. Abel, D. Wrathall, and R. McLeman (2020). "Sea Level Rise and Human Migration." *Nature Reviews Earth & Environment* 1, 28-39.

[J37] Chen, J. and **V. Mueller** (2019). "Climate-Induced Cross-Border Migration and Change in Demographic Structure." *Population and Environment* 41(2), 98-125.

[J36] Wrathall, D., **V. Mueller**, P. 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, 898-901.

[J35] Chen, J., K. Kosec, and **V. Mueller** (2019) (lead article). "Temporary and Permanent Migrant Selection: Theory and Evidence of Ability-Search Cost Dynamics." *Review of Development Economics* 23(4), 1477-1519.

[J34] **Mueller, V.**, I. Masias, and S. Vallury (2019). "Labor-Saving Technologies and Structural Transformation in Northern Ghana." *Agricultural Economics* 50, 581-594.

[J33] Mogues, T., **V. Mueller**, and F. Kondylis (2019). "Cost-Effectiveness of Community-Based Gendered Advisory Services to Farmers: Analysis in Mozambique and Tanzania." *PLoS ONE* 14(3), e0211448.

[J32] **Mueller, V.**., A. Peterman, L. Billings, and A. Wineman (2019). "Exploring Impacts of Community-Based Legal Aid On Intrahousehold Gender Relations in Tanzania." *Feminist Economics* 25(2), 116-145.

[J31] **Mueller, V.**, E. Schmidt, N. Lozano-Gracia, and S. Murray. (2019). "Implications of Migration on Employment and Occupational Transitions in Tanzania." *International Regional Science Review* 42(2), 181-206.

[J30] Chen, J., K. Kosec, and **V. Mueller** (2019). "Moving to Despair? Migration and Well-Being in Pakistan." *World Development* 113, 186-203.

[J29] Chen, J. and **V. Mueller** (2018). "Coastal Climate Change, Soil Salinity, and Human Migration in Bangladesh." *Nature Climate Change* 8(11), 981-985.

[J28] **Mueller, V.** and C. Gray (2018)."Heat and Adult Health in China." *Population and Environment* 40, 21-46.

[J27] de Brauw, A, **V. Mueller**, and T. Woldehanna (2018). "Does Internal Migration Improve Overall Well-Being in Ethiopia?" *Journal of African Economies* 27(3), 367-365.

[J26] **Mueller, V.**, C. Doss, and A. Quisumbing (2018). "Youth Migration and Labor Constraints in African Agrarian Households." *Journal of Development Studies* 54(5), 875-894. Also published as a book chapter in *The Transformation of Rural Africa*, pp. 101-128. Routledge, 2020.

[J25] Kosec, K., H. Ghebru, B. Holtenmeir, **V. Mueller**, and E. Schmidt (2018)."The Effect of Land Access on Youth Employment and Migration Decisions: Evidence from Rural Ethiopia." *American Journal of Agricultural Economics* 100(3), 931-954.

[J24] **Mueller, V.**, L. Billings, T. Mogues, A. Peterman, and A. Wineman (2018). "Filling the legal void? Impacts of a Community-Based Legal Aid Program on Women." *Oxford Development Studies* 46(4), 453-469.

[J23] Baez, J., G. Caruso, **V. Mueller**, and C. Niu (2017). "Heat Exposure and Youth Migration in Central America and the Caribbean." *American Economic Review Papers and Proceedings* 107(5), 446-450.

[J22] Chen, J., **V. Mueller**, Y. Jia, and S. K.-H. Tseng (2017). "Validating Migration Responses to Flooding Using Satellite and Vital Registration Data." *American Economic Review Papers and Proceedings* 107(5), 441-445.

[J21] Baez, J., G. Caruso, **V. Mueller**, and C. Niu (2017) "Droughts Augment Youth Migration in Northern Latin America and the Caribbean." *Climatic Change* 140(3), 423-435.

[J20] Kondylis, F., **V. Mueller**, and S. Zhu (2017) (lead article). "Seeing is Believing? Evidence from an Extension Network Experiment." *Journal of Development Economics* 125, 1-20.

[J19] Thiede, B., C. Gray, and **V. Mueller** (2016). "Climate Variability and Inter-Provincial Migration in South America, 1970-2011." *Global Environmental Change* 41, 228-240.

[J18] Kondylis, F., **V. Mueller**, G. Sheriff, and S. Zhu (2016). "Do Female Instructors Reduce Gender Bias in Diffusion of Sustainable Land Management Techniques?" *World Development* 78, 436-449.

[J17] Maystadt, J.-F., **V. Mueller**, and A. Sebastian (2016). "Environmental Migration and Labor Markets in Nepal." *Journal of the Association of Environmental and Resource Economists* 3(2), 417-452.

[J16] Kondylis, F., **V. Mueller**, and S. Zhu (2015). "Measuring Agricultural Knowledge and Adoption." *Agricultural Economics* 46(3), 449-462.

[J15] **Mueller, V.**, C. Gray, and K. Kosec (2014). "Heat Stress Increases Long-term Human Migration in Rural Pakistan." *Nature Climate Change* 4, 182-185.

[J14] **Mueller, V.**, A. Quisumbing, H. L. Lee, and K. Droppelmann (2014). "Resettlement for Food Security's Sake: Insights from a Malawi Land Reform Project." *Land Economics* 90(2), 222-236.

[J13] De Brauw, A., **V. Mueller**, and H. L. Lee (2014). "The Role of Rural-Urban Migration in the Structural Transformation of sub-Saharan Africa." *World Development* 63, 33-42.

[J12] **Mueller, V.**, A. Pfaff, J. Peabody, Y. Liu, and K. R. Smith (2013). "Improving Stove Evaluation Using Survey Data: Who Received Which Intervention Matters." *Ecological Economics* 93, 301-312.

[J11] De Brauw, A., **V. Mueller**, and T. Woldehanna (2013) "Motives to Remit: Evidence from Tracked Internal Migrants in Ethiopia." *World Development* 50, 13-23.

[J10] De Brauw, A. and **V. Mueller** (2012). "Do Limitations in Land Rights Transferability Influence Low Mobility Rates in Ethiopia?" *Journal of African Economies* 21(4), 548-579.

[J9] Gray, C. and **V. Mueller** (2012). "Natural Disasters and Population Mobility in Bangladesh." *Proceedings of the National Academy of Sciences of the United States of America* 109(16), 6000-6005.

[J8] Gray, C. and **V. Mueller** (2012). "Drought and Population Mobility in Rural Ethiopia." *World Development* 40(1), 134-145.

[J7] **Mueller, V.** and A. Quisumbing (2011). "How Resilient Are Labor Markets to Natural Disasters? The Case of the 1998 Bangladesh Flood." *Journal of Development Studies* 47(12), 1954-1971.

[J6] **Mueller, V.**, A. Pfaff, J. Peabody, Y. Liu, and Kirk R. Smith (2011). "Demonstrating Bias and Improved Inference for Stoves' Health Benefits." *International Journal of Epidemiology* 40(6), 1643-1651.

[J5] Dillon, A., **V. Mueller**, and S. Salau (2011). "Migratory Responses to Agricultural Risk in Northern Nigeria." *American Journal of Agricultural Economics* 93(4), 1048-1061.

[J4] **Mueller, V.** and A. Shariff (2011). "Preliminary Evidence on Internal Migration, Remittances, and Teen Schooling in India." *Contemporary Economic Policy* 29(2), 207- 217.

[J3] **Mueller, V.** and G. Sheriff (2010). "On Hedonic Valuation Of Urban Amenities Using Unbalanced Data." *Land Economics* 86(3), 545-551.

[J2] **Mueller, V.** and D. Osgood (2009). "Long-term Impacts of Droughts on Labor Markets in Developing Countries: Evidence from Brazil." *Journal of Development Studies* 45(10), 1651-1662.

[J1] **Mueller, V.** and D. Osgood (2009). "Long-term Consequences of Short-term Precipitation Shocks: Evidence from Brazilian Migrant Households." *Agricultural Economics* 40(5), 573-586.

Books

[B1] *Youth and Jobs in Rural Africa: Stylized Facts and Beyond*. Editors **V. Mueller** and J. Thurlow (2019) Oxford, UK: Oxford University Press.

Book chapters

[C7] **Mueller, V.**, A. Rabbani, K. Grépin, and N. Wu (2026). "Women's Economic and Social Vulnerability to the Pandemic: Lessons from Bangladesh, Kenya, and Nigeria." Chapter 10 in *COVID-19 and Women around the World: Gendered Risks, Impacts, and Response*, Editors J. Smith and C. Wenham. Cambridge, MA: MIT Press.

[C6] **Mueller, V.** (2022). "Building a Policy-Relevant Research Agenda on Environmental Migration in Africa." Ch. 8 in Springer's *International Handbook on Population and Environment*, Editors L. Hunter, C. Gray, and J. Veron. International Handbooks of Population 10, Switzerland: Springer.

[C5] **Mueller, V.** and H. L. Lee (2019). "Can Migration Be A Conduit for Transformative Youth Employment? Evidence from the LSMS-ISA Countries." Chapter 2 in *Youth and Jobs in Rural Africa: Beyond Stylized Facts*, Editors V. Mueller and J. Thurlow. UK: Oxford University Press.

[C4] **Mueller, V.**, G. Rosenbach, J. Thurlow, and I. Masias (2019). "Africa's Rural Youth in the Global Context." Chapter 1 in *Youth and Jobs in Rural Africa: Beyond Stylized Facts*, Editors V. Mueller and J. Thurlow. UK: Oxford University Press.

[C3] **Mueller, V.**, G. Rosenbach, and J. Thurlow (2019). "Conclusion." Chapter 10 in *Youth and Jobs in Rural Africa: Beyond Stylized Facts*, Editors V. Mueller and J. Thurlow. UK: Oxford University Press.

[C2] Kondylis, F. and **V. Mueller** (2014). "The Economic Consequences of Conflict and Environmental Displacement," Chapter 14 in *International Handbook on Migration and Economic Development*. Edited by R. E. B. Lucas, Cheltenham, UK: Edward Elgar Publishing.

[C1] Pankhurst, A., M. Dessalegn, **V. Mueller**, and M. Hailemariam (2013). "Migration and Resettlement in Ethiopia: Reflections on Trends and Implications for Food Security," Chapter 14 in *Food Security, Safety Nets and Social Protection: the Ethiopian Experience*. Eds. A. Pankhurst, D. Rahmato, and G. Van Uffelen, Addis Ababa, Ethiopia: Forum for Social Studies.

Other Publications

[O25] Akhter, A., M. Bakhtiar, M. Hidrobo, J. Hoddinott, **V. Mueller**, W. Quabili, D. Rakshit, S. Roy, and B. Thiede (2024). "Social Assistance and Adaptation to Flooding in Bangladesh." Available online.

[O24] Hidrobo, M., **V. Mueller**, E. Bryan, Z. Nesbitt-Ahmed, P. Läderach, and S. Roy (2024). "Leveraging Social Protection to Strengthen Women's and Girl's Roles in Climate-Resilient Food Systems." Available online.

[O23] Grépin, K., **V. Mueller**, and A. Rabbani (2022)."Longitudinal Surveys for COVID-19 Gendered Risks, Impact & Response." Available online.

[O22] **Mueller, V.**, O. Oyekunle, A. Rabbani, H.-L. Tan, N. Wu, and K. Grépin (2022)."COVID-19 Impacts on Well-Being: Insights from a Longitudinal Study in Nigeria." Gender and COVID-19 Project. Available online.

[O21] **Mueller, V.**, A. Ngunjiri, A. Rabbani, H.-L. Tan, N. Wu, and K. Grépin (2022)."COVID-19 Impacts on Well-Being: Insights from a Longitudinal Study in Kenya." Gender and COVID-19 Project. Available online.

[O20] Hidrobo, M., **V. Mueller**, S. Roy, and M. Wang (2021)."Examining the Gendered Impacts of Cash Transfers on Migration in Mali." International Food Policy Research Institute, Blog Post. Available online.

[O19] **Mueller, V.**, A. R. Bell, and H. Dearlove (2021). "Model: Rising Seas May Not Drive Population Away from Bangladesh's Vulnerable Coast." International Food Policy Research Institute, Blog Post. Available online.

[O18] Solomon, A., R. Morgan, C. Wenham, J. Smith, D. Nacif Pimenta, **V. Mueller**, A. Herten-Crabb, and K. Hawkins (2020). "Making the Biden-Harris Transition Plan for COVID-19 Gender-Responsive." Gender and COVID-19 project, Brief. Available online.

[O17] **Mueller, V.** and F. Edralin (2020). "Climate Shocks Reduce Temporary Urban Out-Migration Rates in Eastern Africa." International Food Policy Research Institute, Blog Post. Available online.

[O16] Palermo, T., T. Ngo, A. Peterman, and **V. Mueller** (2020). "The World is Your Oyster: Advice for PhD Students Considering Non-Academic Jobs." Interdisciplinary Association for Population Health Science, Blog Post. Available online.

[O15] **Mueller, V.**, M. Smoldt, and C. Thies (2020). "El Gobierno de López Obrador Debe Prepararse para una Disminución en el Envío de Remesas." El Economista, August 28, 2020.

[O14] **Mueller, V.**, J. Thurlow, and J. Wilson (2020). "Including Africa's Young People in Food Systems." International Food Policy Research Institute, Blog Post, April 24, 2020.

[O13] **Mueller, V.**, G. Rosenbach, and J. Thurlow (2020). "Youth: Including Africa's Young People in Food Systems." Chapter 3 in The Global Food Policy Report. Washington, D.C.: International Food Policy Research Institute.

[O12] Thurlow, J., **V. Mueller**, and J. Wilson (2020). "Does Rural Africa Have a 'Youth Problem'?" International Food Policy Research Institute, Blog Post, February 19, 2020.

[O11] Schmidt, E., G. Rosenbach, and **V. Mueller** (2019). "Evaluating the Welfare Effects of Nonfarm Enterprises on Rural Households in Papua New Guinea." International Food Policy Research Institute, Papua New Guinea Project Note 4.

[O10] Chen, J. and **V. Mueller** (2018). "Climate Change is Making Soils Saltier, Forcing Many Farmers to Find New Livelihoods." The Conversation, November 29, 2018.

[O9] **Mueller, V.**, C. Kovarik, K. Sproule, and A. Quisumbing (2015). "Migration, Gender, and Farming Systems in Asia: Evidence, Data, and Knowledge Gaps," IFPRI Discussion Paper No. 1458.

[O8] Kondylis, F. and **V. Mueller** (2014). "Lessons from an Agricultural Extension Experiment in Mozambique: Insights on Teaching Modalities and Gender Representation in Extension and on Productivity Measurement." Mozambique Strategy Support Program Policy Note 6. Available online at: `http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/128381`.

[O7] Kondylis, F., **V. Mueller**, and S. Zhu (2014). *Seeing is Believing? Evidence from an Extension Network Experiment in Mozambique, 3ie Grantee Final Report*. New Delhi: International Initiative for Impact Evaluation (3ie).

[O6] Billing, L., R. Meinzen-Dick, and **V. Mueller** (2014). "Implications of Community-based Legal Aid Regulation on Women's Land Rights." International Food Policy Research Institute, Research Brief 20.

[O5] **Mueller, V.** (2013). "Resettlement and Food Security," International Food Policy Research Institute, Malawi Strategy Support Program, Policy Note 16.

[O4] Zhang, X., S. Rashid, K. Ahmad, **V. Mueller**, H. L. Lee, S. Lemma, S. Belal, and A. Ahmed (2013). "Rising Wages in Bangladesh," IFPRI Discussion Paper No. 1249.

[O3] J. Maystadt, and **V. Mueller** (2012). "Environmental Migrants: A Myth?" International Food Policy Research Institute, Research Brief 18.

[O2] P. Dorosh, G. Alemu, A. de Brauw, M. Malek, **V. Mueller**, E. Schmidt, K. Tafere, and J. Thurlow (2011). "The Rural-Urban Transformation in Ethiopia," with Ethiopia Strategy Support Program II–Ethiopia Development Research Institute Report, July 2011. Available online at: `http://essp.ifpri.info/files/2011/02/ESSPII_EDRI-Report_The-Rural-Urban-Transformation-in-Ethiopia.pdf`.

[O1] M. Ollinger, and **V. Mueller** (2003). "Managing for Safer Food: The Economics of Sanitation and Process Controls in Meat and Poultry Plants," Agricultural Economic Report No. 817.

Papers Under Review

[R5] Rakoto Harison, H. H., A. Bell, **V. Mueller**, M. Rakotoarisoa, O. S. Rakotonarivo. "Steady and Close: Rural-Rural Mobility Preferences in Madagascar from a Discrete Choice Experiment." (Submitted to *Global Environmental Change*.)

[R4] **V. Mueller**, O. S. Rakotonarivo, C. Wainwright, M. Rakotoarisoa, A. R. Bell, J. Khan, and J. Van Den Hoek. "Repeated Exposure to Drought Events Accelerates Human Mobility in Madagascar." (Under review at *Nature Communications*.)

[R3] Basu, S. and **V. Mueller**. "Miners and Minors: The Impact of Mineral Resource Booms on Female Underage Employment." (Under review at *Review of Economics of the Household*.)

[R2] Rakotonarivo, O. S., **V. Mueller**, M. Rakotoarisoa, H. H. Rakoto, and A. Bell. "Beyond Blame: Migration's Limited Role in Madagascar's Deforestation." (Revisions submitted to *Conservation Letters*.)

[R1] Hidrobo, M., **V. Mueller**, E. Bryan, Z. Nesbitt-Ahmed, P. Läderach, and S. Roy. "Leveraging Social Protection to Strengthen Women's and Girls' Climate-Resilience in Agrifood Systems." (Second round of revisions requested by *Food Policy*.)

Works in Progress

[P4] Hidrobo, M., **V. Mueller**, S. Roy, N. Fall, C. Lavaysse, and A. Belli. "Rainy Day Funds? How Men and Women Adapt to Wet Shocks and the Role of Cash Transfers in Mali."

[P3] Schmidt, E., **V. Mueller**, and R. Mukerjee. "Women's Non-Farm Enterprise Ownership and Human Capital Investments in Papua New Guinea"

[P2] Sheriff, G., M. Hauer, **V. Mueller**, and Q. Zhong. "Does Tidal Flooding Contribute to Climate Gentrification in Miami?"

[P1] Ahmed, A., M. Bakhtiar, M. Hidrobo, J. Hoddinott, **V. Mueller**, D. Rakshit, S. Roy, and B. Thiede. "Social Assistance and Adaptation to Flooding in Bangladesh."

Grants

Active

Ellen Elizabeth Guillot Endowment Award, School of Politics and Global Studies, 2025. ASU portion: $3,500 (Internal Grant).

Co-I., (with M. Hauer and C. Breen) NIH R21, "Abandoned Settlements, Abandoned Health," 2025-2027 ($425,184). ASU portion: $78,500.

Co-I., (with C. Gray) NIH R03, "Family Resources, Food Security, and Child Health During Periods of Temperature Change and Adverse Climate Conditions," 2023-2025 ($170,651). ASU portion: $78,489.

P.I., NSF under Belmont Forum, "Climate Hazards and Migration in Madagascar: Towards an Integrated Monitoring and Modeling for Mitigation and Adaptation," 2023-2026 (1,483,597 €). ASU portion: $449,776.

Completed

Co-P.I. (with G. Sheriff, and M. Hauer), Institute for Social Science Research Seed Grant Initiative, "Every Minute Counts: Medical Response Times, Sea Level Rise, and Health Risk," 2022-2023 ($7,825). ASU portion: $7,825 (Internal Grant).

Co-P.I. (with K. Grepin, R. Morgan, J. Smith, and C. Wenham), Bill & Melinda Gates Foundation, "COVID-19 Gendered Risks, Impact & Response: Research and Policy Guidance," 2020-2023 ($1,582,659). ASU portion: $59,323.

P.I., International Food Policy Research Institute, "Harnessing Gender and Social Equality for Resilience in Agrifood Systems (HER+): Gender Responsive Social Protection," 2022 ($29,233). ASU portion: $29,233.

Co-P.I. (with J. Chen, C. Davis, K. Grogan, M. Ibrahim, and K. Moore), AAEA Trust, "Building the Pipeline from Undergraduate to Graduate Training," 2021-2022 ($33,000). ASU portion: $0.

Co-P.I. (with M. Hauer and G. Sheriff), NSF EAGER CoPe, "Impassable During High Water: Sea Level Change, Commuting, and Climate Gentrification," 2019-2021 ($299, 892). ASU portion: $249, 892.

Co-I. (with C. Gray), NIH R03, "Population Dynamics in Africa: Selected Outcomes and Causes," 2019-2021 ($170,125). ASU sub-award: $78,500.

Co-I. (with J. Chen and CK Shum), Mershon Center for International Security Studies, The Ohio State University, "Sea-Level Rise, Climate Migration, and Conflict in Coastal Bangladesh," 2019-2020 ($35,062). ASU portion: $0.

Co-P.I. (with D. Wrathall), SESYNC Pursuit Theme: Socio-Environmental Problem-Focused, "A Forecast of the Timing, Locations, Sequence and Likeliest Destinations of Populations Displaced by Sea Level Rise and Coastal Extremes," 2017-20 (Expenses paid for travel and collaboration workshops).

P.I., School of Politics and Global Studies Small Grant, "Consequences of Climate-Induced Migration in Sub-Saharan Africa," 2019 (5,208 USD).

P.I., Cooperint grant for research and/or teaching activities at the University of Verona, 2018 (€4,700).

Co-I (with C. Gray), NIH R03, "Vulnerability to Climate Shocks Across A Development Spectrum," 2015-8 ($147,585).

P.I., International Food Policy Research Institute, "Projects under the CGIAR Policies, Institutions, and Market Program related to Gender and the Structural Transformation and Public Investment," 2017 ($72,642).

P.I., World Bank, "Research on Migration and Occupational Decisions in Africa," 2014-5 ($125,000).

Co-P.I. (with T. Mogues), USAID Linkage Fund Program, "Evaluation of community-based legal aid (CBLA) programs for women's land rights in Tanzania," 2013-14 ($35,000).

P.I., Anonymous donors, "Evaluation of Community-Based Legal Aid Programs for Women's Land Rights in Tanzania," 2012-16 ($1,021,886).

Co-P.I. (with F. Kondylis), 3ie, "Seeing is Believing? Evidence from a Demonstration Plot Experiment in Mozambique," 2011-14 ($577,000).

Co-P.I. (with A. de Brauw), World Bank, "Internal Migration and Remittance Motives in Ethiopia: Evidence from a Matched Sample," 2010-11 ($90,000).

Co-P.I. (with A. Pfaff), USAID Linkage Fund Program, "Vulnerability and Adaptation to Drought: Evidence from Rainfed Farmers in Ceara, Brazil," 2009-10 ($35,000).

Co-I (with A. Pfaff and others), Institute for Social and Economic Research and Policy Seed Grant, "Addressing Vulnerability to Drought Using Forecasts: innovations in both technical and local communication," 2008 ($15,000).

Co-I. (with K. R. Smith and others), Blum Center for Developing Economies Initiative Grant for "New Tools in the Fight against Household Energy Poverty across the World: Establishing effective dissemination strategies in Tanzania; and tapping the international carbon market in China," 2008 ($100,000).

Co-I. (with A. Pfaff and others), Earth Institute Cross-Cutting Initiatives Seed Funding Grant for "Integrated Assessment of Vulnerability in Rainfed Agriculture: Drought Impacts, Coping and Understanding/Use of Forecasts," 2007-8 ($25,000).

Co-I (with A. Pfaff and others), Earth Institute Cross-Cutting Initiatives Grant for "Estimating Exposure to Indoor Biomass Smoke Emissions: A Critical Step Toward Reducing Human Health Impact," 2006-7 ($50,000).

Co-I (with A. Pfaff and others), Earth Institute Earth Clinic Grant for "A Pilot Subsidized Cook Stove Program for Sub-Saharan Africa," 2006-7 ($50,000).

Co-I (with A.Pfaff and K. Broad and others), Tinker Foundation Grant for "Water Allocation, Efficiency, and Vulnerability in N.E. Brazil: Mechanisms Based on Groups' Behaviors, Perceptions and Recommendations," 2006-8 ($140,000).

Media Coverage

2025 "The Everyday Ways Climate Change is Already Making Our Lives Worse" (New Scientist)

2022 "Salt Scourge: The Dual Threat of Warming and Rising Salinity" (Yale Environment 360)

2021 "Rushing to the Coast–The Wrong Way to Adapt to Global Warming" (Forbes)
"'Climate Migration' Could Displace Millions of People in the Next 30 Years" (Arizona Horizon on Arizona PBS)
Episode 3 of the Center for Progressive Reform's Connect the Dots, "Who's Hiring?"(podcast, interview takes place 17:15-21:20)
"Rising Sea Levels are Snarling People's Commutes, Even When There's No Rain" (Fast Company)

2020 "What is Climate Migration?" (Mashable)
"For Coastal Farmers, Climate Change Rubs Salt in their Wounds" (Scienceline)

2019 "The Gig Economy Is A Double-Edged Sword for Migrant Workers" (BBC Capital cites World Bank report that includes our findings from the Venezuela study)
"Anzahl der Klimamigranten wird gering bleiben" (Internationale Politik und Gesellschaft)
"Get Ready for Tens of Millions of Climate Refugees" (MIT Technology Review)
"Les Nouvelles Frontieres De La Vie" (Science & Vie No. 1218, March 2019)
"Climate Change Creates a New Migration Crisis for Bangladesh" (National Geographic)
"Climate Change-Induced Salinity Affecting Soil Across Coastal Bangladesh" (Inter Press Service News Agency)
"Leaving Dry Lands Behind" (NASA EarthData)

2018 "Why Immigration Opponents Should Worry About Climate Change" (Slate)
"Domestic Migration Makes People Sadder and Less Calm, Finds Study" (The Print)
"Domestic Migrants Experience Substantial Decline in Mental and Physical Health, finds study" (The Hindu Business Line)
"Climate Change Sets People on the Move" (Science News for Students)
"Climate Change May Force 200,000 People in Bangladesh to Migrate" (Quartz India)
"Thousands to Face Forced Migration" (Daily Star)
"Sea Level Rise May Force 200,000 to Migrate" (Dhaka Tribune)
"Two Lakh People Likely to Migrate from Coastal Areas" (The Independent)
"Mainstreaming Climate Migration Strategies is Way Forward" (New Age)
"Climate Change, Rising Sea Levels a Threat to Farmers in Bangladesh" (Ohio State News)
"Bangladesh: Climate Change, Rising Sea Levels A Threat to Farmers" (Eurasia Review)
"Climate Change, Rising Sea Levels A Threat To Farmers in Bangladesh" (Science Daily)
"Climate Change, Rising Sea Levels A Threat To Farmers in Bangladesh" (PreventionWeb)
"Sea Level Rise to Force 2 Lakh To Migrate From Bangladesh Coastal Areas: Study" (The Daily Observer)
"Sea Level Rise to Force 0.2m To Migrate From Bangladesh" (United News of Bangladesh)
"Sea-level Rise to Make 0.2m Internal Migrants" (Financial Express)
"Saline Land Will Drive People out of Sundarbans" (Dialogue Earth)
"Sea Level Rise Forcing Bangladeshis to Migrate" (SciDev)
"Where Goats Drink First: Women Struggle as Coastal India Grows Saltier" (Reuters)
"Domestic Migration Raises Income, Lowers Happiness–Study" (Ghana Guardian)
"Domestic Migration Raises Income, Lowers Happiness–Study" (My Joy Online)
"Climate Change is Making Sea Water in the Sunderbans Saltier, Putting Women at Risk" (Scroll.in)

2017 "How Climate Change Could Drive Immigration to the United States from Mexico" (USA Today)
"Central America's Water Scarcity Problem is Uprooting Its Youth" (Fusion)

2016 "What if Global Warming Emptied India? Climate Change Poses Significant Threats on the Populous Nation" (Scientific American)
"Climate Migration" (The Nation)

2015 "After the Flood: Migration is Pakistan's True Climate Change Challenge" (World Politics Review
"How Your T-Shirt Saves the World" (Huffington Post UK)
"The Neglected Victims of Climate Change" (Wilson Quarterly)

2014 "Climate Change: Heatwaves and Poverty in Pakistan" (Scilogs)
"A Volcanic Eruption Probably Wouldn't Make You Move" (Science Magazine News)
"Flucht vor der tödlichen Dürre" (Schweizer Radio und Fernsehen)
"Climate Change Will Cause More Migration, But That Shouldn't Scare Anyone" (New Security Beat)
"Migration's Environmental Drivers are Diverse, Require Different Policies" (Population Reference Bureau)
"Which is More Likely To Drive People from Their Homes–Floods or Heat Waves?" (Grist)
"Pakistan Has a Month's Worth of Water Left–And 5 Percent of Its Tree Cover" (Climate Progress)
"Heat Drives Pakistani Migration" (Simple Climate)
"Hidden Variables" (Le Monde)
"Climate Change is Already Causing Mass Human Migration" (Smithsonian Magazine)
"Heat Stress, Not Flooding, Drives Most Climate Migrants–Study" (Scientific American)

2010 "The Fight to Stem Africa's Rural Exodus" (CNN Inside Africa)

Invited Seminar Presentations

2025 School for Environment and Sustainability, University of Michigan, Ann Arbor, MI
Ecological Economics Workshop hosted by University of Montpellier, Montpellier, France (keynote)
Economics and Business Administration for Society (ECOBAS), University of A Coruña, A Coruña, Spain
Conference on Climate Change, Environmental Hazards and Population Dynamics hosted by the Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany (keynote)

2024 Development Effectiveness and Policy Analysis Lab (DEPAL), Texas A&M University, College Station, TX
2024 Symposium: Climate Security organized by The National Academy of Sciences (Board on Science, Technology, and Economic Policy and the Committee on Science, Technology, and Law) and Los Alamos National Laboratory in Santa Fe, NM (panel speaker)
David Bradford Seminar for the Center for Policy Research on Energy and the Environment at Princeton University, Princeton, New Jersey
Institute of Behavioral Science and the Department of Environmental Studies, University of Colorado, Boulder, Colorado
Department of Public Policy, University of North Carolina, Chapel Hill

2023 Department of Economics, Swedish University of Agricultural Sciences, Uppsala, Sweden
Economic Research Service at the United States Department of Agriculture
Panel Speaker for Climate Migration organized by the Environmental Politics and Governance Network as part of their Deep Climate Conversations initiative

2022 The Centre on Migration Policy and Society (COMPAS) at Oxford University, Oxford, UK
Penn State University, School of Public Policy, State College, PA
Center for Demography and Population Health, Florida State University, Tallahassee, FL
Institute for Population Research at Ohio State University, Columbus, OH

2021 Oregon State University, Department of Applied Economics, Corvallis, OR
Yale University, Center for Business and the Environment, New Haven, CT
University of Minnesota, Department of Applied Economics, St. Paul, MN
Panel Speaker at Everything on the Table: Changing Climate, Changing Livelihoods organized by the Institute for Science & Policy at the University of Denver

2020 The Earth Institute, Columbia University, New York, NY (keynote speaker)
Online Agricultural and Resource Economics Seminar (organized by Marc Bellemare and Jeff Bloem, University of Minnesota)

2019 National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD
Organization for Economic Cooperation and Development, Paris, France
University of Illinois at Urbana-Champaign, Department of Agricultural and Consumer Economics, Urbana, IL

2018 UNICEF Office of Research–Innocenti, Florence, Italy
University of Verona, Department of Economics, Verona, Italy
Lancaster University, Department of Economics, Lancaster UK
University of British Columbia, Department of Food and Resource Economics, Vancouver, Canada

2017 Food and Agriculture Organization of the United Nations Technical Workshop (panel speaker)
Center of Studies in Demography and Ecology, University of Washington, Seattle, WA
Pennsylvania State University, Department of Agricultural Economics, Sociology, and Education, State College, PA

2016 Arizona State University, School of Politics and Global Studies, Tempe, AZ
University of Florida, Food and Resource Economics Department, Gainesville, FL
Massachusetts Institute of Technology, Department of Urban Studies and Planning, Cambridge, MA
Department of Agricultural and Resource Economics, University of California, Berkeley, CA
Department of Agricultural, Environmental, and Development Economics, Ohio State University

2015 Carolina Population Center, University of North Carolina, Chapel Hill, NC
Agricultural and Applied Economics Department, University of Georgia, Athens, GA

2014 Science, Technology, and Environmental Policy Program (STEP) at Princeton University

2012 Guest Faculty member of Climate Change and Its Impacts, BIARI, Brown University, Providence, RI

2011 World Bank, Ethiopia Office

2010 Department of Economics, University of Verona, Verona, Italy

2007 Economics Department in Laval University, Quebec, Canada

2006 Department of Economics, Columbia University, NY, NY

2005 School of Forestry and Environmental Studies, Yale University, New Haven, CT

Conference and Other Presentations

2025 Allied Social Science Association (ASSA) meetings, San Francisco, CA (presented by John Hoddinott)
Climate Change and Human Mobility Virtual Series organized by the California Council on Science and Technology, the University of California Disaster Resilience Network, and the UC Berkeley Center for Security in Politics
Center for Studies on Africa Economies (CSAE) Conference, Oxford, UK (presented by Melissa Hidrobo)
Population Association of America Annual (PAA) Conference, Washington, DC
Association of Environmental and Resource Economists (AERE) Summer Conference, Santa Fe, NM
XXVI BIOECON Conference, St. John's College, Cambridge, UK (presented by Sarobidy Rakotonarivo)
Heartland Workshop on Environmental and Resource Economics at University of Illinois Urbana Champaign (presented by Sayahnika Basu)
Wittgenstein Centre Conference 2025 on Demographic Perspectives on Migration in the 21st Century, Vienna, Austria

2024 ASSA meetings, San Antonio, TX
Eastern Economic Association, Boston, MA (presented by Sayahnika Basu)
PAA Conference, Columbus, OH (Discussant)
AERE Summer Conference, Washington, DC
Northeastern Agricultural and Resource Economics Association (NAREA) meeting, Rehoboth Beach, DE (presented by Sayahnika Basu)
Standing Panel on Impact Assessment (SPIA) Fest 2024: Assessing the Impacts of International Agricultural Research: New Methods, Rigorous Evidence, Better Decisions, pre-conference to the International Conference of Agricultural Economists organized by the CGIAR, New Delhi, India (presented by Paul Christian)
Climate Migration Modeling Intercomparison Workshop, Princeton University, Princeton, New Jersey (Moderator)
American Geophysical Union Annual Meeting, Washington, D.C. (presented by Marcus Sarofim)
Northeast Universities Development Consortium Conference (NEUDC), Northeastern University, Boston, MA (presented by Sayahnika Basu)

2023 Midwestern International Economic Development Conference (MIEDC), Houston, TX
AERE Summer Conference, Portland, ME
AZ Workshop on Environment, Natural Resource, and Energy Economics, Tempe, AZ
International Economic Association World Congress, Medellin, Colombia (presented by German Caruso)

2022 American Association for Public Opinion Research Annual Conference, Chicago, IL (presented by S. Glazerman)
PAA Conference, Atlanta, GA
AERE Summer Conference, Miami, FL (presented by Glenn Sheriff)
Agricultural and Applied Economic Association (AAEA) Annual Meeting, Anaheim, CA (presented by Sayahnika Basu)
International Economic Association-United Nations Development Program-World Bank Conference: Understanding the Gender and Climate Change Nexus (participation as panelist and paper presented by German Caruso)

2021 ASSA (online)
PAA Annual Conference (online)
At What Point Managed Retreat? Resilience, Relocation, and Climate Justice, The Earth Institute, Columbia University, New York, NY (presented by Mathew Hauer online)
AERE Summer Conference (presented by Glenn Sheriff online)
AAEA Annual Meeting (online)
Climate Adaptation Research Symposium, Luskin Center for Innovation, UCLA (online)
Research Methods & Measurement Conference organized by Northwestern University's Global Poverty Research Lab and Innovations for Poverty Action (online)

2020 ASSA meetings, San Diego, CA
NEUDC, organized by Dartmouth College (online)

2019 ASSA meetings, Atlanta, GA
Center for Studies on Africa Economies (CSAE) Conference, Oxford, UK (presented by Jean-Francois Maystadt)
PAA Conference, Austin, TX
MIEDC, Madison, WI
LICOS (Center for Institutions and Economic Performance) workshop on Migration, Urbanization and Development (presented by Jean-Francois Maystadt), Leuven, Belgium
12th International Conference on Migration and Development, Carlos III University of Madrid, Madrid, Spain
2nd Annual Sustainability and Development Conference, Ann Arbor, MI (presented by Joyce Chen)
Conference on Demographic Responses to Changes in the Natural Environment, University of Wisconsin, Madison (presented by Brian Thiede)

2018 AAEA Annual Meeting, Washington, D.C. (presented by Tewodaj Mogues)
International Conference of Agricultural Economists, Vancouver, Canada (presented by Tewodaj Mogues and Katrina Kosec)
Sixth World Congress of Environmental and Resource Economists, Gothenburg, Sweden
PAA Conference, Denver, CO
PacDev Conference, Davis, CA
ASSA Meetings, Philadelphia, PA (presented by Joyce Chen)
Environmental and Natural Resource Conservation Workshop, Center of Environmental Economics, Montpellier, France (presented by Stijn van Weezel)

2017 WIDER Development Conference: Migration and Mobility, Accra, Ghana (presented by Glenn Sheriff)
AAEA Meetings, Chicago, IL (presented by P. Christian)
Tenth International Conference on Migration and Development, CERDI, University of Clermont Auvergne, Clermont-Ferrand, France
ASSA Meetings in Chicago, IL

2016 World Bank, Evidence for Agriculture: Taking Stock of World Bank and GAFSP Impact Evaluations, Washington, DC
Annual World Bank Land and Poverty Conference, Washington, DC (presented by Katrina Kosec)
Centre for Study of African Economies (CSAE) Conference, Oxford University, UK
PAA Conference, Washington, DC (presented by Brian Thiede)

2015 Structural Transformation of African Agriculture and Rural Spaces Conference, Addis Ababa University, Addis Ababa, Ethiopia
Eighth International Conference on Migration and Development, Washington, D.C. (presented by Jean-Francois Maystadt)
MIEDC (presented by Joyce Chen), Madison, WI
PAA Conference, San Diego, CA
Annual World Bank Land and Poverty Conference, Washington, D.C.

2014 NEUDC, Boston University, Boston, MA
Eighth International Conference of the Asian Society of Agricultural Economists, Savar, Bangladesh (presented by Agnes Quisumbing)
PAA Conference, Boston, MA
Quantitative Research on Environmental Migration: Defining a Research Agenda, Sciences Po University, Paris, France
Annual World Bank Land and Poverty Conference

2013 Gender and Agricultural Productivity in Sub-Saharan Africa Workshop, International Fund for Agricultural Development, Rome, Italy
MIEDC, Madison, WI
PAA Conference, New Orleans, LA
CSAE, Oxford University, UK

2012 Fifth International Conference on Migration and Development (presented by Alan de Brauw)
PAA Conference, San Francisco, CA
Annual World Bank Conference on Land and Poverty, Washington, D.C.

2011 PAA Conference, Washington, D.C. (presented by Clark Gray)

2010 International Conference: Climate, Sustainability and Development in Semi-Arid Regions, Fortaleza, Brazil (presented by Alex Pfaff)
AAEA meetings, Denver, CO
Ethiopian Economics Association Conference, Addis Ababa, Ethiopia
CSAE, Oxford University, UK

2009 Western Economic Association International, Vancouver, Canada
World Bank Conference on the Africa Impact Evaluation Initiative and Development Impact Evaluation: No Smoke without Fire: Fresh Perspectives on Indoor Air Pollution, Washington, D.C.
ASSA meetings, San Francisco, CA

2008 AERE Workshop 2008: Health and the Environment, Berkeley, CA
Universities' Research Conference on "Climate Change: Past and Present" hosted by the NBER, Cambridge, MA
ASSA meetings, New Orleans, LA

2007 NEUDC, Harvard University, Cambridge, MA

2006 NEUDC, Cornell University, Ithaca, NY
AAEA Meetings, Long Beach, CA
North American Productivity Workshop, NYU, New York, NY

2005 AAEA Meetings, Providence, RI
Environmental Economics Summer Workshop, NBER, Cambridge, MA (presented by Dan Osgood)

2002 Camp Resources X Conference, Wilmington, NC

Awards

Integrated Public Use Microdata Series (IPUMS) International Research Award, University of Minnesota, 2020
School of Politics and Global Studies Excellence in Research Award, 2025

Other Research Experience

Economic Information Specialist/Assistant — Summer, 2000; Summer 2003
Economic Research Service, USDA — Washington, D.C.

Research Assistant — 1998-2002
University of Maryland — College Park, MD

Research Assistant — 1996-7
University of California — Berkeley, CA

TEACHING EXPERIENCE

Arizona State University, School of Politics and Global Studies

Undergraduate Courses

SGS 394: The Road to Women's Economic Empowerment
Fall 2022, Fall 2023, Fall 2024
Note: This is an online course.

SGS 466: Migration, Environment, and Global Security
Spring 2021, Spring 2022, Spring 2023, Spring 2024, Spring 2025
Note: This is an online course. It is cross-listed as POS 466. It was previously offered as a special topics class offered under GCU 494, POS 494, PUP 494, and SGS 494 (Spring 2021 only).

SGS 323: International Development
Fall 2017, Fall 2018, Fall 2019, Fall 2021
Note: This is an in-person course. It is cross-listed as SOS 394. Before 2021, it was a Special Topics course listed as SGS 394.

POS 401: Political Statistics
Fall 2018, Fall 2019, Fall 2020, Spring 2025
Note: This is an online course. This course is cross-listed as SGS 401. Spring 2025 was a hybrid course (in-person and online).

Graduate Courses

GSC 598 (Special Topics): Migration, Environment, and Global Security
Spring 2018, Spring 2019, Spring 2020
Note: This is an online course. It is cross-listed as GCU 598 and PUP 598. We also offered this course to undergraduate students, cross-listing the course as SGS 494, GCU 494, PUP 494, and SOS 494 (Spring 2018 only).

POS 604: Polimetrics II
Spring 2021, Spring 2022, Spring 2023
Note: This is an in-person course and a core requirement for the Ph.D. program in Political Science.

POS 500 (Special Topics): Applied Research Lab
Spring 2024
Note: This is an in-person course, which is meant to be taken after the students complete the core methodological requirements for the Ph.D. program in Political Science.

Postdoctoral Fellows

Qing Zhong (December 2019-November 2020): Assistant Professor at School of Geographical Sciences, Nanjing University of Information Science and Technology

Doctoral Students: Chair

Matthew Smoldt (SPGS, 2025)
Gaukhar Baltabayeva (SPGS, expected 2026)
Henintsoa Harris Rakoto Harison (SFIS, expected 2026)

Doctoral Students: Committee member

Emily Singer (SPGS, expected 2026)
Oluwabukola Makinde (SFIS, 2024)
Joaquin Mayorga Garrido Cortes (Agribusiness, 2023): placement at University of Washington
Sayahnika Basu (Economics, 2021): placement at James Madison University

Doctoral Students: External committee member

María Isabel Sactic Chacón (Graduate program in Ciencias de la Agricultura y la Naturaleza, Facultad de Agronomía e Ingeniería Forestal, Pontificia Universidad Católica de Chile)

Masters' Students: Chair

Wen Wendt (SPGS, 2022)

Undergraduate Honor's Theses/Creative Projects

Director
Lindsay Becerra (SPGS, 2022)
Dylan Kirkeeng (SPGS, 2020)
Sarah Cortez (Economics, 2019)

Member
Rachel Lee (SOS, 2022)
Kelly Green (Agribusiness, 2020)

Graduate Research Assistants

Henintsoa Rakoto (Summer 2025, funded through Fall 2026)
Yilei Yu (Summer 2022)
Arindam Jain (Spring 2022)
Camila Paez Bernal (Summer 2021 - Spring 2022)
Abishek Rajaswamy Kuppusamy (Spring 2021)
Emily Singer (Summer 2020 - Fall 2020, Summer 2021)
Sayahnika Basu (Spring 2020)
Sechindra Vallury (Fall 2017 - Spring 2018)

Undergraduate Research Assistants

Bianca Navia (Spring 2021)
Erika Lisco (Fall 2020 - Spring 2021)
Dylan Kirkeeng (Fall 2018 - Spring 2020)

Junior Fellows Mentor

Note: The Junior Fellows program is a unique opportunity provided to undergraduate students majoring in Political Science or Global Studies. Students are nominated to be a part of the program by a professor and must have at least a 3.3 overall GPA and a 3.5 GPA in their major classes. Students register for 3 credits to attend informational lectures advantageous to different career paths. They also work directly with a professor on research.

Riley Brewer (Spring 2023)
Lindsay Becerra (Fall 2021)
Haadiya Numani (Fall 2020)
Bianca Navia (Fall 2019)
Dylan Kirkeeng (Spring 2018)

SERVICE ACTIVITIES

Professional Service

Deputy Editor, *Climatic Change*, January 2024 - December 2025
Editor, *Environmental Research: Climate*, July 2022-June 2024
Invited Guest Editor for Proceedings of the National Academy of Sciences (PNAS) article, 2024
Associate Editor, *American Journal of Agricultural Economics*, January 2020-December 2023
Associate Deputy Editor, *Climatic Change*, April 2021 - December 2023
Co-Editor, Special Issue: CWAE 40th Anniversary for *Applied Economic Perspectives and Policy* published March 2022

Member of the Board of Directors of the *Association for Environmental and Resource Economists (AERE)*, 2023-2025
AERE Membership Committee, 2023-2025 (Co-Chair, 2024-5)
Chair-elect, Chair, and Past Chair of the *Committee of Women in Agricultural Economics*, a section of the Agricultural and Applied Economics Association, 2020-2023

Referee, *3ie, Agricultural Economics, American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Journal of Agricultural Economics, Applied Economic Perspectives and Policy, Applied Economics, Australian Journal of Agricultural and Resource Economics, CESIfo Economic Studies, China Economic Review, Climatic Change, Climate Change Economics, Communications Earth and Environment, Contemporary Economic Policy, Demography, Demographic Research,*

Ecological Economics, Economic Development and Cultural Change, Economics Letters, Empirical Economics, Energy Economics, Environmental Research: Climate, Environmental Research Communications, Environmental Research Letters, Environment and Development Economics, European Economic Review Plus, Feminist Economics, Field ACTions Science Reports, Food Policy, Global Environmental Change, Health Policy and Planning, Indoor Air, International Journal of Occupational and Environmental Health, International Migration Review, IZA Journal of Development and Migration, Journal of African Economies, Journal of Agricultural Economics, Journal of Development Economics, Journal of Development Studies, Journal of Economic Geography, Journal of Environmental Economics and Management, Journal of Health Economics, Journal of Politics, Journal of the Association of Environmental and Resource Economists, Journal of the Royal Society Interface, Land Economics, Lancet Planetary Health, Land Use Policy, National Science Foundation's Decision, Risk and Management Sciences Program, National Science Foundation's Economics Program, Nature Climate Change, Nature Sustainability, Oxford Development Studies, Oxford Review of Economic Policy, Oxford University Press (Book proposal); PLoS ONE, Population and Development Review, Population and Environment, Population Research and Policy Review, Proceedings of the National Academy of Sciences, Review of Development Economics, Review of Economics and Statistics, Review of Environmental Economics and Policy, Science, Social Science & Medicine, World Bank, World Bank Economic Review, World Development, World Development Sustainability.

External Tenure Letters, *2025(1), 2024(2), 2023 (1)*.

Invited speaker at the Agricultural and Applied Economics Association (AAEA) Early Career Professionals Workshop 2024, "Supporting Scholars to Thrive in Applied Economics," at the University of California, Davis, in Davis, CA.

Member of,
Association of Environmental and Resource Economists
Population Association of America.

University Service

Curriculum and Academic Programs Committee, University Senate, ASU 2024

Organizing Committee for the Center for Environmental Economics and Sustainability Policy Seminar Series, ASU 2022-2023

Global Futures Laboratory (GFL) Task Force on Designing for Impacts and Outcomes, ASU 2021-2024

College Service

Innovation in Global Development Ph.D. Degree Committee at the School for the Future of Innovation in Society, ASU 2018 - 2019

Member of, *Center for Environmental Economics and Sustainability Policy, Global Impact Collaboratory, Julie Ann Wrigley Global Futures Laboratory, Global Institute of Sustainability and Innovation, Swette Center for Sustainable Food Systems*.

Departmental Service

Internal Tenure Letters, 2023 (1).

Graduate Committee, School of Politics and Global Studies, ASU 2024 - 2025

Advisory Committee, School of Politics and Global Studies, ASU 2022 - 2024

Presidential Postdoctoral Fellowship Program, Search Committee for Two Positions, School of Politics and Global Studies, ASU 2023 - 2024

Global Democracy and Social Justice Position Search Committee, School of Politics and Global Studies, ASU 2021 - 2022

Director Search Committee, School of Politics and Global Studies, ASU 2019 - 2021

Undergraduate Advisory Committee, ASU 2019-20

Research Advancement Committee at the School of Politics and Global Studies, ASU 2017-2019

Chair and CLAS Research Lead, ASU 2020-2021

Colloquium Committee at the School of Politics and Global Studies, ASU 2017-8