JULIE A. SILVA

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EDUCATION

Ph.D. 2005. Geography, Rutgers, The State University of New Jersey

M.C.R.P. 2000. City and Regional Planning, Rutgers, The State University of New Jersey

B.A. 1995. English, UCLA, *cum laude*

ACADEMIC APPOINTMENTS

Professor. 2023-Present. Department of Geography, University at Buffalo (SUNY)

Professor. 2022-2023. Department of Geographical Sciences, University of Maryland, College Park

Associate Professor. 2016-2022. Department of Geographical Sciences, University of Maryland, College Park

Scholar-in-Residence & Postdoctoral Mentor. 2018-2019. National Socio-environmental Synthesis Center (SESYNC), University of Maryland/National Science Foundation, Annapolis

Sabbatical Fellow. 2017-2018. National Socio-Environmental Synthesis Center (SESYNC), University of Maryland/National Science Foundation, Annapolis

Assistant Professor. 2010-2016. Department of Geographical Sciences, University of Maryland, College Park

Assistant Professor. 2006-2010. Department of Geography and Center for African Studies, University of Florida

Assistant Professor. 2005-2006. Department of Geography and Planning, University of Akron

PROFESSIONAL EXPERIENCE

Research Associate. 2000-2005. Metis Associates, Inc., New York, NY

VOLUNTEER EXPERIENCE

Big Brothers Big Sisters of America (Youth Mentor). 2025-present. Erie, Niagara, and the Southern Tier of New York.

AAAS/Senior Scientists and Engineers (SSE) STEM Volunteer Program (6th Grade Science Instructor). 2016-2017; 2020-2021. Washington. D.C.

Peace Corps Volunteer (Secondary School English Instructor). 1995-1997. United States Peace Corps, Gabon

PUBLICATIONS

Refereed Journal Articles

The symbol † denotes a graduate student co-author and * denotes a post-doctoral co-author.

Under Review

Chen, Qingqing, **Julie A. Silva**, Alberto B. Charrua, Andrew Crooks. From Global Definitions to Local Contexts: Slum Mapping through Generative AI and Street-Level Imagery. *Urban Studies*. Under First Review (Submitted 10/2/2026)

Silva, Julie A., Michael Strong, Alberto B. Charrua, Kelly Anderson, Amanda Hoffman-Hall. *Proceedings of the National Academy of Sciences.* Under First Review (Submitted 8/21/2026, #2026-24048)

Gore, Meredith L., Kenly G. Fenio, Susana Helena Baule, Juan Martin Dabezies, Peter M. Hamming, Annette Hübschle, Matt Kammer-Kerwick, Natalia Muñoz-Cassolis, **Julie A. Silva**, Vivienne L. Williams. Environmental Insecurity Decouples Community Perceptions of One Health Interdependence. *EcoHealth.* Under First Review (Submitted 7/27/2026)

Liang, Mengyu, David Minor, **Julie A. Silva**, Lola Fatoyinbo, Nathan Thomas, Wouter van Goor, Kars Riemer, Richard Kigenyi, Rachel Cohen, Aklilu Negussie, Chen Jin, Sean Healey, Susan Cook-Patton, Sébastien Costedoat, Robert Heilmayr, Robin Chazdon, Matthew Hansen, Ralph Dubayah, Mikhail Urbazaev, Eleanor Durrant, Sander de Haas, Laura Duncanson. Long-term Commitment Critical to Reach Forest Restoration's Climate Mitigation Potential in East Africa. *Nature Climate Change*. Under First Review (Submitted 6/15/2026: Pre-print available at https://www.researchsquare.com/article/rs-4908729/v1)

Li, Xunhuan†, **Julie A. Silva**, Jessie P.H. Poon. Estimating the relationship between artisanal and small-scale mining and violent conflict in Africa: Quantitative evidence from geospatial data. *World Development*. Under First Review (Submitted 4/5/2026)

Accepted

Dabezies, Juan Martin, Annette Hubschle, Gianluca Zaffarano, Natalia Munos-Cassolis, Susana Baule, Vivienne Williams, **Julie A. Silva**, Meredith Gore. *Forthcoming*. Introducing Improvised Pragmatism of Care: Animal Health, Epistemic Frictions, and Veterinary Governance. *Geoforum*.

Li, Xunhuan†, Jessie P.H. Poon, **Julie A. Silva**, and Le Wang. 2026. Do China's Energy Poor Left-behind Regions Benefit from Solar Photovoltaics? *Applied Geography*, 189, 103950. DOI: 10.1016/j.apgeog.2026.103950

Strong, Michael and **Julie A. Silva**. 2025. "Would You Buy Less Charcoal If…": Identifying the Conditions Reducing Charcoal Dependency in Urban Africa. *Energy Research & Social Science*. 129:104388. DOI: 10.1016/j.erss.2025.104388

Silva, Julie A. and Michael Strong. 2025. In Pursuit of Socially Just Conservation: Operationalizing Capability Thinking to Evaluate Human Well-being in Protected Places. *Annals of the American Association of Geographers*. 115: 2456-2468. DOI: 10.1080/24694452.2025.2535473

Silva, Julie A. and Michael Strong. 2025. Capabilities, Place, and Well-being in Conservation Spaces: An Empirical Analysis. *Environment and Planning E: Nature and Space*. 8(1), 407-430. DOI: 10.1177/25148486241301252

Strong, Michael and **Julie A. Silva**. 2023. Predictors of Persistent Charcoal Consumption among Urban Households in Tete, Mozambique. *Energy for Sustainable Development*, 76(2023), 101286. DOI: 10.1016/j.esd.2023.101286

Hoffman-Hall, Amanda†, Robin Puett, **Julie A. Silva**, Dong Chen, Allison Bredder, Varada Shevade, Zay Yar Han, Kay Thwe Han, Poe Poe Aung, Christopher V. Plowe, Myaing M. Nyunt, and Tatiana V. Loboda. 2023. Comparison of Deforestation and Forest Land Use Factors for Malaria Elimination in Myanmar. *IJID Regions* 8(2023), 75-83. e2020GH000299. DOI: 10.1016/j.ijregi.2023.06.006

Traldi, Rebecca†, **Julie A. Silva**, Peter Potapov, Alexandra Tyukavina, Michael Epprecht, Meredith L. Gore, Chittana Phompila. 2023. Cultivating Inequality? Regional Rubber Dynamics and Implications for Voluntary Sustainability Programs in Lao PDR. *World Development*, 170(2023), 106312. DOI: 10.1016/j.worlddev.2023.106312

Liang, Mengyu†, Mariano Gonzalez-Roglich, Patrick Roehrdanz, Karyn Tabor, **Julie A. Silva**, Temilola Fatoyinbo, Matthew Hansen, and Laura Duncanson. 2023. Assessing Protected Areas' Carbon Stocks and Ecological Structure at Regional Scale Using GEDI. *Global Environmental Change*, 78(2023), 102621. DOI: 10.1016/j.gloenvcha.2022.102621

Liang, Mengyu†, Laura Duncanson, **Julie A. Silva**, and Fernando Sedano. 2023. Quantifying Aboveground Biomass Dynamics from Charcoal Degradation in Mozambique using GEDI Lidar and Landsat. *Remote Sensing of Environment* 284(2023), 113367. DOI: 10.1016/j.rse.2022.113367

Strong, Michael and **Julie A. Silva**. 2021. "We Would Like This Place to Be A Town": The Benefits and Challenges of Rural Development Near Protected Areas. *World Development Perspectives* 24(2021), 100371. DOI:10.1016/j.wdp.2021.100371

Chen, Dong, Tatiana V. Loboda, **Julie A. Silva** and Maria R. Tonellato†. 2021. Characterizing Small-Town Development Using Very High-Resolution Imagery within Remote Rural Settings of Mozambique. *Remote Sensing* DOI: 10.3390/rs13173385

Anderson, Kelly J.†, **Julie A. Silva**. 2020. Weather-related Influences on Rural-to-urban Migration: A Spectrum of Attribution in Beira, Mozambique. *Global Environmental Change, 65, 102193* DOI: 10.1016/j.gloenvcha.2020.102193

Hoffman-Hall, Amanda†, Robin Puett, **Julie A. Silva**, Dong Chen, Allison Baer, Kay Thwe Han, Zay Yar Han, Aung Thi, Thura Htay, Zaw Win Thein, Poe Poe Aung, Christopher V. Plowe, Myaing Myaing Nyunt, and Tatiana V. Loboda. 2020. Malaria Exposure in Ann Township, Myanmar as a Function of Land Cover and Land Use: Combining Satellite Earth Observations and Field Surveys. *GeoHealth*, 4, e2020GH000299. DOI:10.1029/2020GH000299

Silva, Julie A. 2020. Barriers to Decolonizing Economic Geography: The Inconvenient Case of Rhino Horns in Rural African Futures. *Geoforum* 115, 148-149. DOI:10.1016/j.geoforum.2019.05.024

Strong, Michael[†] and **Julie A. Silva**. 2020. Impacts of Hunting Prohibitions on Multidimensional Well-being. *Biological Conservation* 243(2020), 108451. DOI:10.1016/j.biocon.2020.108451

Alexander, Steven M., Kristal Jones, Nathan J. Bennett, Amber Budden, Michael Cox, Mercè Crosas, Edward T. Game, Janis Geary, R. Dean Hardy, Jay T. Johnson, Sebastian Karcher, Nicole Motzer, Jeremy Pittman, Heather Randell, **Julie A. Silva**, Patricia Pinto da Silva, Carly Strasser, Colleen Strawhacker, Andrew Stuhl, and Nic Weber. 2020. Qualitative Data Sharing and Synthesis for Sustainability Science. *Nature Sustainability* 3(2020), 81-88. DOI:10.1038/s41893-019-0434-8

Cooper, Matthew W.[†], Molly E Brown, Stefan Hochrainer-Stigler, Georg Pflug, Ian McCallum, Steffen Fritz, **Julie A. Silva**, and Alexander Zvoleff. 2019. Mapping the Effects of Drought on Child Stunting. *Proceedings of the National Academy of Sciences* 116(35), 17219-17224. DOI:10.1073/pnas.1905228116

Silva, Julie A., Fernando Sedano, Steve Flanagan, Zacarias A. Ombe, Rene Machoco, Cardoso H. Meque, Almeida Sitoe, Natasha Ribeiro, Kelly Anderson[†], and Susana Baule. 2019. Charcoal-related Forest Degradation Dynamics in Dry African Woodlands: Evidence from Mozambique. *Applied Geography* 107, 72-81. DOI: 10.1016/j.apgeog.2019.04.006

Teodoro, Jose Daniel[†], Donal S. O'Leary III[†], Siobhan E. Kerr[†], Eva Peskin[†], and **Julie A. Silva**. The Relevance of Case Studies in Climate Change Research: A Review of Policy Recommendations. 2019. *SN Applied Sciences* 1, 1197 DOI: 10.1007/s42452-019-1221-x

Silva, Julie A., Tatiana Loboda, and Michael Strong[†]. 2018. Examining Aspiration's Imprint on the Landscape: Lessons from Mozambique's Limpopo National Park. *Global Environmental Change* 51: 43-53. DOI: 10.1016/j.gloenvcha.2018.04.013

Sedano, Fernando, **Julie A. Silva**, Rene Machoco, Cardoso H. Meque, Almeida Sitoe, Natasha Ribeiro, Kelly Anderson[†], Zacarias A. Ombe, Susana Baule, and Compton J. Tucker. 2016. The Impact of Charcoal Production on Forest Degradation: A Case Study in Tete, Mozambique. *Environmental Research Letters* 11: 094020. DOI:10.1088/1748-9326/11/9/094020

Dodson, Zan[†], Jan Dempewolf, and **Julie A. Silva**. 2016. Does prolonged illness contribute to land use change among subsistence agricultural households in rural Mozambique? *Applied Geography* 67(February): 109-118. DOI: 10.1016/j.apgeog.2015.12.007

Bounoua, Lahouari, Ping Zhang, Georgy Mostovoy, Kurtis Thome, Jeffery Masek, Marck Imhoff, Marshall Sheppard, Dale Quattrochi, Joseph Santanello, **Julie Silva**, Robert Wolfe, and Ally Mounirou Toure. 2015. Impact of Urbanization on US Surface Climate. *Environmental Research Letters* 10(8): 084010. DOI:10.1088/1748-9326/10/8/084010

Silva, Julie A., Corene J. Matyas, and Benedito Cunguara. 2015. Regional Inequality and Polarization in the Context of Concurrent Extreme Weather and Economic Shocks. *Applied Geography* 61: 105-116. DOI: 10.1016/j.apgeog.2015.01.015

Silva, Julie A. and Nicole Motzer[†]. 2015. Hybrid Uptakes of Neoliberal Conservation in Namibian Tourism-based Development. *Development and Change* 46(1): 48-71. DOI: 10.1111/dech.12139

Mosimane, Alfons W. and **Julie A. Silva**. 2015. Local Governance Institutions, CBNRM, and Benefit-sharing Systems in Namibian Conservancies. *Journal of Sustainable Development* 8(2): 99-111. DOI: 10.5539/jsd.v8n2p99

Silva, Julie A. and Lila K. Khatiwada*. 2014. Transforming Conservation into Cash: Nature Tourism in Southern Africa. *Africa Today* 61(1): 16-45. (Special interdisciplinary issue produced as part of a UMD/Smithsonian joint initiative.) DOI: 10.2979/africatoday.61.1.17

Khatiwada, Lila K.* and **Julie A. Silva**. 2014. Mitigating Gender Inequality in Rural Regions: The Effects of Tourism Employment in Namibia. *International Journal of Tourism Research* 17: 442-450. DOI: 10.1002/jtr.2010

Leichenko, Robin and **Julie A. Silva**. 2014. Climate Change and Poverty: Vulnerability, Impacts, and Alleviation Strategies. *WIREs Climate Change* 5(4): 539-556 DOI: 10.1002/wcc.287

Silva, Julie A. and Alfons W. Mosimane. 2014. "How Could I Live Here and Not Be A Member?" Social Motives for Participating in Namibian Conservation Programs. *Human Ecology* 42(2): 183-197. DOI: 10.1007/s10745-014-9645-9

Silva, Julie A. and Corene J. Matyas. 2014. Relating Rainfall Patterns to Agricultural Income: Implications for Rural Development in Mozambique. *Weather, Climate, and Society* 6(2):218-236. DOI: 10.1175/WCAS-D-13-00012.1

Silva, Julie A. 2013. Rural Income Inequality in Mozambique: National Dynamics and Local Experiences. *Review of Regional Studies* 34: 23-50.

McKune, Sarah[†] and **Julie A. Silva**. 2013. Pastoralists under Pressure: Double Exposure to Economic and Environmental Change in Niger. *Journal of Development Studies* 49(12): 1711-1727. DOI: 10.1080/00220388.2013.822067.

Mandl, Daniel, Stuart Frye, Pat Cappelaere, Matthew Handy, Fritz Policelli, McCloud Katjizeu, Guido Van Langenhove, Guy Aube, Jean-Francois Saulnier, Rob Sohlberg, **Julie Silva**, Natalia Kussul, Sergii Skakun, Stephen Ungar, Robert Grossman, and Joerg Szarynski. 2013. Use of the Earth Observing One (EO-1) Satellite for the Namibia SensorWeb Flood Early Warning Pilot. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 6(2): 289-308. DOI: 10.1109/JSTARS.2013.2255861.

Silva, Julie A. and Alfons W. Mosimane. 2013. Conservation-based Development in Namibia: A Mixed Methods Assessment of Economic Benefits. *Journal of Environment & Development* 22(1): 25-50. DOI: 10.1177/1070496512469193.

Matyas, Corene J. and **Julie A. Silva**. 2013. Extreme Weather and Economic Well-being in Rural Mozambique. *Natural Hazards* 66(1): 31-49. DOI: 10.1007/s11069-011-0064-6.

Silva, Julie A. 2011. Economics, Morality, and Method. *Geography Compass* 5(11): 825-837. (Invited article, which was refereed.). DOI: 10.1111/j.1749-8198.2011.00456.x.

Silva, Julie A., Siri Eriksen, and Zacarias A. Ombe. 2010. Double Exposure in Mozambique's Limpopo River Basin. *The Geographical Journal* 176(1): 6-24. DOI: 10.1111/j.1475-4959.2009.00343.x.

Eriksen, Siri and **Julie A. Silva**. 2009. The Vulnerability Context of a Savanna Area in

Mozambique: Household Drought Coping Strategies and Responses to Economic Change. *Environmental Science & Policy* 12(1): 33-52. DOI: 10.1016/j.envsci.2008.10.007.

Silva, Julie A. 2008. International Trade and the Changing Demand for Skilled Workers in High-Tech Manufacturing. *Growth and Change* 39(2): 225-251. DOI: 10.1111/j.1468-2257.2008.00418.x.

Silva, Julie A. 2008. A Multi-level Analysis of Agricultural Trade and Socio-economic Inequality in Rural Mozambique. *The Professional Geographer* 60(2): 174-189. DOI:10.1080/00330120701876283.

Silva, Julie A. 2007. Trade and Income Inequality in a Less Developed Country: The Case of Mozambique. *Economic Geography* 83(2): 111-136. DOI: 10.1111/j.1944-8287.2007.tb00339.x.

Silva, Julie A. and Robin M. Leichenko. 2004. Regional Income Inequality and International Trade. *Economic Geography* 80(3): 261-286. DOI: 10.1111/j.1944-8287.2004.tb00235.x.

Leichenko, Robin M. and **Julie A. Silva**. 2004. International Trade, Employment, and Earnings: Evidence from U.S. Rural Counties. *Regional Studies* 38(4): 353-372. DOI:10.1080/03434002000213897.

Silva, Julie A. 2001. Making Room for Tomorrow's Immigrants: Community-based Organizations, Redevelopment and Assimilation in Manhattan's Chinatown. *Middle States Geographer: Journal of the Middle States Division of the American Association of Geographers* 34: 73-81.

Silva, Julie A. and Elvin K. Wyly. 2001. Between Africa and the Abyss. *The Geographical Bulletin* 43(1): 36-46.

Book Chapters

Robin Leichenko and **Julie A. Silva**. 2024. Climate Change and Poverty. In S.R. Brechin (ed.), *Routledge Handbook of Climate Change and Society, 2nd Edition*. (New York: Routledge), Chapter 24. DOI: 10.4324/9781003291206

Silva, Julie A., and L. Jen Shaffer and Robin Leichenko. 2024. Political Economy of Climate Change Adaptation in Africa. In P. Carmody and J.T. Murphy (eds.) Handbook of African Economic Development (Cheltenham, UK: Edward Elgar), pp. 512-526. ISBN: 9781800885790.

Mosimane, Alfons W. and **Julie A. Silva**. 2014. Boundary-making in Conservancies: The Namibian Experience. In M. Ramutsindela (ed.), *Cartographies of Nature: How Nature Conservation Animates Borders* (Newcastle: Cambridge Scholars' Publishing), pp. 83-111. ISBN 9781443860147.

Non-refereed Journal Articles

Eriksen, Siri, Ane Schjolden and **Julie Silva**. 2002. Coping with Climatic and Economic Change. *Tiempo* 43:36-46.

Silva, Julie A., Jon Saul and David Kim. 2002. Let Maps Tell The Story: PPGIS in the Evaluation of Community Based Initiatives. *URISA Final Program and Conference Proceedings of the 1st Annual Public Participation in GIS Conference*, 216-222.

Book Reviews

Silva, Julie A. 2010. Review of P-P. Combes, T. Mayer, and J-F Thisse, *Economic Geography: The Integration of Regions and Nations*. *Economic Geography* 86(2): 223-224.

Silva, Julie A. 2007. Review of D. Courgeau (ed.), *Methodology and Epistemology of Multilevel Analysis: Approaches from Different Social Sciences*. *Regional Studies* 41(5): 715-716.

Silva, Julie A. 2006. Review of F. Bourguignon and L. A. Pereira da Silva (eds.), *The Impact of Economic Policies on Poverty and Income Distribution: Evaluation Techniques and Tools*. *Regional Studies* 40(3): 429-430.

Encyclopedia Entries

Silva, Julie A. 2017. Human Capital. In D. Richardson, N. Castree, M.F. Goodchild, A.L. Kobayashi, W. Liu, and R. Marston (eds.) *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*. Hoboken, NJ: John Wiley & Sons. DOI: 10.1002/9781118786352

Working Papers

P. F. Biehl, S. Crate, M. Gardezi, L. Hamilton, S.L. Harlan, C. Hritz, B. Hubbell, T. A. Kohler, N. Peterson, **J. Silva**, 2018. Innovative tools, methods, and analysis: Social science perspectives on climate change, part 3. Washington, DC: USGCRP Social Science Coordinating Committee. Available at https://www.globalchange.gov /content/social-science-perspectives-climate-change-workshop

Jones, K., Alexander, S.M., Bennet, N., Bishop, L., Budden, A., Cox, M., Crosas, M., Game, E., Geary, J., Hahn, C., Hardy, D., Johnson, J., Karcher, S., LaFevor, M., Motzer, N., Pinto da Silva, P., Pittman, J., Randall, H., **Silva, J.**, Smith, J., Smorul, M., Strsser, C., Strawhacker, C., Stuhl, A., Weber, N., and Winslow, D. 2018. Qualitative data sharing and re-use for socio-environmental systems research: A synthesis of opportunities, challenges, resources and approaches. SESYNC White Paper. DOI:10.13016/M2WH2DG59.

Silva, Julie A. 2016. The Effects of Changes in Rainfall Patterns, Water Availability, and Desertification on Multidimensional Inequality. Background paper for The United Nations' World Economic and Social Survey 2016: Climate Change Resilience – An Opportunity for Reducing Inequalities. United Nations, Washington, DC. Available at https://wess.un.org/wp-content/uploads/2016/07/WESS-2016-BP_Silva_Mar2016_2.pdf

Silva, Julie A. , Corene J. Matyas, and Benedito Cunguara. 2014. Regional Inequality and Polarization in the Context of Concurrent Extreme Weather and Economic Shocks. Working paper 77E. Republic of Mozambique, Ministry of Agriculture, Directorate of Economics.

Silva, Julie A. 2007. International Trade and the Changing Demand for Skilled Workers in High-Tech Manufacturing. Discussion Paper CES-WP-07-22. U.S. Department of Commerce, Center for Economic Studies.

Silva, Julie A. and Robin M. Leichenko. 2003. Regional Income Inequality and International Trade. Discussion Paper CES 03-15. U.S. Department of Commerce, Center for Economic Studies.

Leichenko R. and **J. Silva**. 2003. International Trade, Employment, and Earnings: Evidence from U.S. Rural Counties. Discussion Paper CES 03-12. U.S. Department of Commerce, Center for Economic Studies.

EXTERNAL GRANTS

As Primary Investigator

Equity and Environmental Justice Award, **NASA**, Earth Science Division (NNH21ZDA001N-EEJ), 'Environmental Injustice and Deaths of Despair: Lessons from Montana s Tribal Lands.' $149,929. 11/1/2022-10/30/2023. Principal Investigator. (Additional Investigators: Co-I Sergii Skakun, Co-I Dante Chinni)

CNH Interdisciplinary Team Exploratory Project Award, **National Science Foundation**, Division of Behavioral and Cognitive Sciences, Dynamic Coupled Natural and Human Systems Program (BCS-1413999), 'Investigating the Dynamic Intersections among Economic Development, Urbanization, and Forest Degradation.' $249,774. 6/15/2014-11/30/2019. Principal Investigator. (Additional Investigator: Co-I Fernando Sedano)

Doctoral Dissertation Improvement Grant, **National Science Foundation**, Geography and Spatial Sciences Program (BCS-1433978), 'The Intersection of Place Attachment, Aspirations, and Rapidly Changing Environments on Decisions to Support Resettlement.' $15,717. 8/1/2014-1/31/2015. Principal Investigator. (Additional investigator: Co-I Michael Strong, Ph.D. advisee)

Unsolicited Grant, **NASA**, Goddard Space Flight Center (NNX14AC77G), 'Socio-Economic Impacts, Human Vulnerability Data in the Namibian Early Flood Warning SensorWeb Pilot Project.' $10,223. 1/1/2014-12/31/2014. Principal Investigator.

Faculty Early Career Development (CAREER) Award, **National Science Foundation**, Faculty Early Career Development Program/Geography and Spatial Sciences Program (BCS-1042888; BCS-0746528), 'The Effects of Nature Tourism as a Rural Development Strategy on Poverty and Inequality: The Cases of Namibia and Mozambique.' $459,129. 5/1/2008-4/30/2015. Principal Investigator.

Risk and Development Summer Field Research Grant, **Social Science Research Council**, Program in Applied Economics, 'Economic Liberalization's Effects on Inequality and Social Change: An Analysis of Regional and Local Dynamics in Mozambique.' $5,000. 6/2003-12/2003. Principal Investigator.

Dissertation Research Grant, **Association of American Geographers**, 'Globalization, Gender, and Inequality: An Analysis of Regional and Local Dynamics in Southern Mozambique.' $500. 6/2003-12/2003. Principal Investigator.

As Co-Investigator

Land Use/Land Cover Change (LCLUC) Program Grant, **NASA** (NNH22ZDA001N-LCLUC), 'Energy LCLUC Hotspot: Characterizing the Dynamics of Energy Land Use and Assessing Environmental Impacts in the Permian Basin.' $741,724. 1/1/2023-12/31/2025. Co-Investigator. (Additional Investigators: PI Xiaopeng Song, Co-I Zhong Lu)

Defense Threat Reduction Agency Grant, **Department of Defense** (FRBAA14-6-2-0553R), 'Reducing security risks from the intersectionality of wildlife trafficking and biosafety from zoonoticpathogens in Africa's Great Limpopo Transfrontier Conservation Area.' $5,000,000. 9/15/2022-9/14/2027. Co-Investigator. (Additional Investigators: PI Meredith Gore and Co-Is Annette Hubschle, André Botha, Alan Gardiner, Cleo Graf, Henriette van Heerden, Matt-Kammer-Kerwick, Kevin Curtain, and Alonso Aguirre)

Land Use/Land Cover Change (LCLUC) Program Grant, **NASA** (18-LCLUC18_2-0024), 'Shifting Cultivation at a Crossroad: Drivers and Outcomes of Recent Land-Use Changes in Laos PDR.' $742,285. 1/1/2020-12/31/2022. Co-Investigator. (Additional Investigators: PI Peter Potapov, Co-I Matt Hansen)

Land Use/Land Cover Change (LCLUC) Program Grant, **NASA** (80NSSC18K0723), 'A Cobra in the Forest? Quantifying the Impact of Perverse Incentives from Indonesia's Deforestation Moratorium, 2011 to 2016.' $634,783. 5/1/2018-5/1/2021. Co-Investigator. (Additional Investigators: PI Matt Hansen, Co-I Peter Potapov)

Land Use/Land Cover Change (LCLUC) Program Grant, **NASA** (NNH15ZDA001N-LCLUC), 'Understanding the Role of Land Cover/Land Use Nexus in Malaria Transmission under a Changing Socio-economic Climate in Myanmar.' $752,679. 4/1/2017-3/31/2020. Co-Investigator. (Additional Investigators: PI Tatiana Loboda, Co-I Kathleen Stewart)

Early Career Scientist Grant, **NASA**, Land Cover Land Use Change New Investigator Program (NNX13AB72G), 'Social Drivers of Land Cover Change around African Transboundary Peace Parks.' $299,780. 12/15/2012-12/14/2015. Co-Investigator (Additional investigator: PI Tatiana Loboda)

Interdisciplinary Research in Earth Science (IDS) Award, **NASA** (NNX12AO20G), 'Combining Satellite Data and Models to Assess the Impacts of Urbanization on the Continental US Surface Climate.' UMD Budget $74,738. 8/1/2012-7/31/2015. Co-Investigator. (Additional investigators: PI Lahouari Bounoua and Co-Is Marc Imhoff, Ping Zhang, Zhou Wang, Joseph Santanello, Sunjay Kumar, J. Marshall Sheppard, Dale Quattrochi, Stuart Gaffin, Robert Wolf, Eric de Colstoun)

Doctoral Dissertation Improvement Grant, **National Science Foundation**, Geography and Spatial Sciences Program (BCS-0401776), 'Inequality in the Context of Liberalizing Agricultural Markets: Regional Patterns and Local Experiences in Mozambique.' $12,000. 3/1/2004-8/30/2005. Co- Investigator. (Additional investigator: PI Robin Leichenko, Ph.D. advisor)

INTERNAL GRANTS

Dean's Research Initiative Grant, College of Behavioral Arts and Sciences, University of Maryland, '"Now That the Animals Have Their Independence": Human-Wildlife Conflict and Local Livelihoods near African Parks and Protected Areas.' $30,000. 7/1/2012-12/31/2012. Principal Investigator.

UM-SI Seed Grant, University of Maryland, College Park/Smithsonian Institution, 'Excavation, Accumulation, and Preservation in the African Landscape.' $47,170. 6/1/2011-5/31/2012. Co-Investigator. (Additional investigators: PIs Karen Milbourne and Shannen Hill, and Co-Is Mary Jo Arnoldi, J. Patrick Megonigal, Jeffrey Stine, Bruce James, Mary Corbin Sies, Jack Sullivan, and Raymond Weil)

AWARDS/HONORS

Philip Merrill Presidential Scholars Faculty Mentor, University of Maryland, 2020-2021
- Julia Reicin, UMD undergraduate Philip Merrill Presidential Scholar.

J. Warren Nystrom Award for Best Paper Based on a 2005-2006 Dissertation in Geography, Association of American Geographers, 2007

Best Dissertation Award, Economic Geography Specialty Group, Association of American Geographers, 2006

AICP (American Institute of Certified Planners) Outstanding Student Award, Rutgers University, 1999-2000

TEACHING AND ADVISING

Courses Taught

University at Buffalo (2023-present):
- *Industrial/Business Geography* (GEO 425)
    - Spring 2025 (55 students); Fall 2025 (36 students); Spring 2026 (34 students)
- *Global Economic Geographies* (GEO 103)
    - Fall 2023 (40 students); Fall 2024 (33 students)
- *Illicit Economies and Trade* (GEO 503, Graduate Seminar)
    - Spring 2024 (6 students)

University of Maryland, College Park (2010-2023):
- *Introduction to Human Geography* (GEOG 202)
    - Spring 2020 (197 students); Spring 2021 (191 students); Spring 2022 (94 students); Spring 2023 (97 students)
- *The Nature and Practice of Science* (GEOG 601, Graduate Seminar)
    - Fall 2021 (20 students); Fall 2022 (18 students)
- *Economic Geography* (GEOG 332)
    - Fall 2011 (98 students); Fall 2012 (97 students); Fall 2013 (91 students); Fall 2014 (97 students); Fall 2015 (99 students); Fall 2016 (99 students); Fall 2018 (70 students); Fall 2019 (50 students); Fall 2020 (48 students); Fall 2021 (45 students), Fall 2022 (35 students)
- *The Global Criminal Economy* (GEOG 498P)
    - Spring 2013 (24 students); Spring 2014 (24 students)
- *Changing Geographies of Sub-Saharan Africa* (GEOG 422)
    - Fall 2015 (25 students)
- *Human Dimensions of Global Change* (GEOG 331)
    - Spring 2016 (99 students)
- *African and the Global Criminal Economy* (HONR 219W)
    - Fall 2016 (20 students); Spring 2020 (20 students)
- *Poverty, Development, and Global Change* (GEOG 738b, Graduate Seminar)
    - Fall 2010 (15 students); Fall 2011 (7 students)
- *Economic Geography* (GEOG 632, Graduate Seminar)
    - Spring 2012 (17 students), Spring 2017 (5 students)

University of Florida (2006-2010):
- *Geography of Inequality in Africa* (GEO 6558/AFS 6905, Graduate Seminar)
- *Economic Geography* (GEO 3502/ECO 4934)

- *Global and Regional Economies* (GEO 2500)
- *Africa in the Global Criminal Economy* (AFS 4935/GEO 4938)
- *The African Experience* (AFS 2002)

University of Akron (2005-2006):
- *Spatial Analysis* (GEO 583, Graduate Course)
- *Geography of Cultural Diversity* (GEO 375)
- *Economic Geography* (GEO 320)
- *Introduction to Geography* (GEO 100)

Rutgers University (2003-2004):
- *Cultural Geography* (GEO 222)
- *World Cultural Regions* (GEO 205)

U.S. Peace Corps, Gabon, Central Africa (1995-1997):
- *English as a Second Language (Grades 5-10)*

Postdoctoral Advisees

University of Maryland
- Lila Kumar Khatiwada, (2011-2013)

Graduate Advisees

University at Buffalo:
- Syndey Deck, M.S., Geographic Information Science (Spring 2024-Spring 2026)
    - Degree awarded Spring 2026
- Arden Ireland, Ph.D., Geography (Fall 2025-Present)

University of Maryland:
- Ilyun Koh, Ph.D., Geographical Sciences (2022-2024)
- Tavis Mansfield, Ph.D., Geographical Sciences (2022-2024)
    - UMD President's Fellow (2022-2026)
    - UMD Global STEWARDS (STEM Training at the Nexus of Energy, Water Reuse and FooD Systems) NSF Research Traineeship Fellow (2023)
- Rebecca Traldi, Ph.D., Geographical Sciences (2018-2022)
    - Degree Awarded, Summer 2022
    - Postdoctoral Fellow, Purdue University
    - Associate Director for Nature at Anthesis Group
- Kelly Anderson, Ph.D., Geographical Sciences (2014-2021)
    - Degree Awarded, Summer 2021
    - Awarded a Boren Fellowship for 2016-2017
    - Social Scientist, National Institute for Standards and Technology
- Jordan Lloyd, M.S., Geographical Sciences (2020-2021)
    - Degree awarded, Spring 2021
- Nicole Motzer, Ph.D., Geographical Sciences (2011-2017)
    - Degree awarded, Spring 2017
    - Awarded an NSF Graduate Research Fellowship for 2012-2015
    - Research Director, Montana State University
- Michael Strong, Ph.D., Geographical Sciences (2012-2016)
    - Degree awarded, Summer 2016
    - Awarded an NSF Doctoral Dissertation Improvement Grant, Fall 2014
    - Associate Professor, Glendale Community College

- Zan Dodson, Ph.D., Geographical Sciences (2011-2015)
    - Degree awarded, Spring 2015
    - Recruiting Editor, *PNAS*
- Vanessa Kirn, M.A., Geographical Sciences (2010-2012)
    - Degree awarded, Spring 2012

University of Florida:
- Steven Kotecki, M.A. Geography (2008-2010)
    - Degree awarded, Spring 2010

Undergraduate Advisees

University of Maryland
- I advised between 4-6 ENSP Land Concentration majors annually (2020-2023)
- Nicholas Culwell, UMD Undergraduate Research Internship (2022)
- Clare McMahon, UMD Undergraduate Research Internship (2021)
- I advised between 12 and 15 Geography majors annually (2012-2016)

University of Florida:
- Billy Bender, McNair Scholar Program, Undergraduate Research (2008-2009)
- Leandra Clough, University Scholar Program, Undergraduate Research (2008)

Graduate Committee Memberships

University at Buffalo, PhD Committees:
- Faithwin Gbadamosi (Fall 2024-present)
- Christina Coyle Lenz (Spring 2025-present)
- Xunhuan Li, Geography (Fall 2023-present)
- Ying Lu, Geography (PhD awarded 2024)
- Jing Miao, Geography (Fall 2025-present)
- Jongseo Won, Geography (Fall 2023-Spring 2025)

University at Buffalo, MA/MS Committees:
- Rachel Bommer (MA awarded 2025)
- Jimmy Jarvis (MA awarded 2025)
- Supat Kanchat (MA awarded 2025)
- Chris Krull (MA awarded 2025)

University of Maryland, PhD Committees:
- Rachel Berndtson, Geographical Sciences (PhD awarded 2013)
- Trey Billing, Government & Politics (PhD awarded 2019)
- Nathan Burtch, Geographical Sciences (PhD awarded 2017)
- Matthew Cooper, Geographical Sciences (PhD awarded 2019)
- Ashley Enrici, Geographical Sciences (PhD awarded 2016)
- Amanda Hoffman-Hall, Geographical Sciences (PhD awarded 2020)
- Zafar Imram, Public Policy (PhD awarded 2019)
- Siobhan Kerr, Public Policy (PhD awarded 2019)
- Mengyu (Amber) Liang, Geographical Sciences (PhD awarded 2024)
- Catherine Nakalembe, Geographical Sciences (PhD awarded 2017)
- Diana Parker, Geographical Sciences (Fall 2016-Fall 2020)
- Jennifer Richmond, Public Policy (Fall 2020-Spring 2023)

- Ana Sanchez, Geographical Sciences (PhD awarded 2018)
- Austin Sandler, Geographical Sciences (Fall 2019-Summer 2021)
- Simran Singh, Public Policy (Fall 2020-Spring 2022)
- Alison Thieme, Geographical Sciences (Fall 2017-Fall 2020)
- Jacqueline Waite, Geographical Sciences (PhD awarded in 2011)

External Examiner of Doctoral Dissertation Thesis

University of Cape Town, South Africa
- Vera Ribeiro, Department of Environmental & Geographical Science (degree awarded 2022)

Universität für Bodenkultur Wien [University of Natural Resources and Life Sciences], Vienna, Austria
- Benedito Cunguara, Department of Economic and Social Sciences and Institute of Agricultural and Forestry Economics (degree awarded 2011)

PRESENTATIONS

Invited Presentations

Decolonizing African Development Narratives: The Economic Geography of Rhino Horns. Part of roundtable conference session titled 'Decolonizing Geography: Challenges and Opportunities in Scientific Knowledge Production and Local Empowerment,' Africa Through Language and Area Studies (ATLAS) Conference, University of Maryland, College Park, MD, February 28, 2025.

Capabilities, Climate, and Coupled Systems: Researching the Dynamics of Economic Development. Depart. of Geography, University at Buffalo, NY, October 17, 2022.

Climate Change and Inequality: Distributional Impacts and Dynamic Vulnerabilities. American Geophysical Union (AGU) Global Environmental Change Section Webinar Series, November 15, 2019.

Developing and Writing Successful Scientific Proposals. National Socio-Environmental Synthesis Center (SESYNC), SESYNC Graduate Student Workshop, Annapolis, MD, August 8, 2019.

Quantifying Corruption in Indonesian Land Systems Governance. NASA LCLUC Spring Science Team Meeting, Rockville, MD, April 9, 2019. (with M. Hansen)

The Impacts of Wildlife Conservation on Inequality in Namibia and Mozambique. IGU Commission on African Studies Inaugural Conference, Windhoek, Namibia, May 18, 2018.

Forests or Rhinos? The Role of Multidimensional Poverty in Shaping Conservation Trade Offs. Social Science Seminar, Conservation International, Arlington, VA, May 3, 2018.

Developing and Writing Successful Scientific Proposals. National Socio-Environmental Synthesis Center (SESYNC), SESYNC Graduate Student Workshop, Annapolis, Maryland, January 24, 2018.

Tangled Up in Blue: Combining "Big" and "Small" Data in Socio-environmental Research. National Socio-Environmental Synthesis Center (SESYNC), SESYNC Seminar, Annapolis, Maryland, October 19, 2017.

Examining Development & Deforestation Using a Capabilities Approach. National Socio-Environmental Synthesis Center (SESYNC), SESYNC Graduate Student Workshop, Annapolis, Maryland, March 8, 2017.

A Caça na Era do Desenvolvimento dos Parques Nacionais em Moçambique: Lições a Partir dos Parques Nacionais do Limpopo e da Gorongosa. [Hunting in an Era of National Park Development in Mozambique: Lessons from Limpopo and Gorongosa National Parks.] Universidade Pedaógica - Delegação de Maputo, Maputo, Mozambique, August 3, 2016. (with Z. Ombe)

Desigualdade Regional no Contexto de Temperatura Extrema e Choques Económicos. [Regional Inequality in the Context of Extreme Weather and Economic Shocks.] Mozambican Institute of Agricultural Research (IIAM), Ministry of Agriculture, Maputo, Mozambique, August 2, 2016. (with C. Matyas and B. Cunguara).

Developing and Writing Successful Scientific Proposals. National Socio-Environmental Synthesis Center (SESYNC), SESYNC Graduate Student Workshop, Annapolis, Maryland, June 14, 2016.

Examining the Inequality-enhancing Effects of Extreme Weather: Droughts, Floods, and Tropical Cyclones in Mozambique. Climate Action 2016 / Forum, University of Maryland, College Park, MD, May 4, 2016.

Parques Nacionais e os Meios de Substistência Rurais: Histórias de Moçambique. Universidade Pedaógica, Tete, Mozambique, June 2015. (with C. Meque)

Crime Econômico Munidal. Universidade Pedaógica - Delegação de Beira, Beira, Mozambique, July 2015.

Crime Econômico Munidal. Universidade Pedaógica - Delegação de Maputo, Maputo, Mozambique, August 2015.

Aspiration's Imprint on the Mozambican Landscape: Examining Regional Development and Land-Cover Change Using a Capabilities Approach. National Socio-Environmental Synthesis Center (SESYNC) Seminar, Annapolis, MD, March 2015. (with T. Loboda)

Aspiration's Imprint on the Mozambican Landscape: Examining Regional Development and Land-Cover Change Using a Capabilities Approach. Department of Geography, University of Kansas, Lawrence, KS, February 2015. (with T. Loboda)

Researching Poverty and Uneven Development, from a Geographer's Perspective. Department of Geographical Sciences Seminar Series, University of Maryland, College Park, MD, March 2014.

"Now That the Animals Have Their Independence": The Impacts of Human-Wildlife Conflicts on Inequality near African Parks and Protected Areas. U.S. State Department, Foreign Studies Institute, Washington, DC, May 2013.

West Africa and the Criminal Economy. U.S. State Department, Foreign Studies Institute, Washington, DC, April 2013.

Geography in Sub-Saharan Africa. U.S. State Department, Foreign Studies Institute, Washington, DC, September 2012.

Geography Today: Interdisciplinary Research and Funding Opportunities. Department of Geography, Universidade Pedagógica, Beira, Mozambique, May 2012.

Geography in Sub-Saharan Africa. U.S. State Department, Foreign Studies Institute, Washington, DC, March 2012.

Preparing a Fundable Research Proposal. Multidisciplinary Research Centre, Science and Technology Division, University of Namibia, Windhoek, Namibia, February 2011.

Parques Nacionais como Agentes de Mudança em Moçambique: Os casos de Gorongosa e Limpopo [National Parks as Agents of Change in Mozambique: The Cases of Gorongosa and Limpopo]. First International Conference on Environment and Community Development, Beira, Mozambique, October 2010.

Community-based Conservation Institutions and Household Well-being in Namibia. Department of Geography, University of Maryland, College Park, MD, May 2009.

Double Exposure to Environmental and Economic Change in Mozambique's Limpopo River Basin. Department of Geography and Urban Studies, Temple University, Philadelphia, PA, November 2008.

U.S. Graduate Programs in Geography: Requirements, Standards, and Procedures. Department of Geography, Universidad Pedagógica, Maputo, Mozambique, June 2007.

Apresentação da Tese de Doutoramento: Assimetrias de Desenvolvimento em Moçambique. [Presentation of Doctoral Research: Uneven Development in Mozambique.] Secretariado Técnico de Segurança Alimentar e Nutriçao (SETSAN), Maputo, Mozambique, June 2007.

Trade Orientation and Inequality: Regional Patterns and Lived Experiences in Mozambique. Department of Geography, University at Buffalo, The State University of New York, Buffalo, NY, November 2005.

Neoliberalization and Inequality: Regional Patterns and Lived Experiences in Mozambique. Department of Geography and Planning, University of Akron, Akron, OH, March 2005.

Who Has an Easy Life? Local Perceptions of Inequality in Rural Mozambique. Guest Lecture at the Department of Geography, Universidad Pedagógica, Maputo, Mozambique, October 2004.

Discussant, SSRC Risk and Development Fellows Conference, Washington, DC, May 2004.

International Trade, Employment, and Earnings: Evidence from U.S. Counties. Department of Commerce, Center for Economic Studies Seminar Series, Washington, D.C., December 2003 (with R. Leichenko)

Inequality in the Context of Liberalizing Markets: A Proposed Research Framework and Preliminary Findings for Mozambique. SSRC Risk and Development Fellows Conference, Santa Cruz, CA, November 2003.

Market-based Risks among Farmers in Mozambique's Limpopo River Basin. Guest Lecture at the Faculty of Agronomy and Forestry, Eduardo Mondlane University, Maputo, Mozambique, July 2003 (with S. Eriksen)

Multiple Pressures on Rural Livelihoods: Economic Liberalisation and Climate Vulnerability in Mozambique. Southern Africa Vulnerability Initiative Workshop, Maputo, Mozambique, June 2003 (with S. Eriksen, G. Mlay, R. Brouwer and A. Alage)

Economic Liberalization and Farmer Vulnerability. Guest Lecture at the Faculty of Agronomy and Forestry, Eduardo Mondlane University, Maputo, Mozambique, October 2002 (with S. Eriksen)

Conference Presentations

Roots in the Margins: Exploring Place Attachment in Informal Settlements of Urban Africa. Annual Meeting of the Association of American Geographers, San Francisco, C.A., March 19, 2026. (with M. Strong)

Feeling Out of Place: Human-Wildlife Conflict and Multidimensional Well-being in Conservation Spaces. Annual Meeting of the Association of American Geographers, Washington, D.C., April 4, 2019. (with M. Strong)

Multidimensional Poverty, Aspirations, and the Diversification of Agricultural Livelihoods. Annual Meetings of the American Geophysical Union, Washington, D.C., December 17, 2018. (Paper number GC22A-06)

Aspirations and African Futures: A Capability Perspective. Global Conference on Economic Geography, Cologne, Germany, July 26, 2018.

Multidimensional Poverty, Aspirations, and Diversification of Agricultural Livelihoods: The Cases of Charcoal Production and Illegal Rhino Hunting in Mozambique. Global Conference on Economic Geography, Cologne, Germany, July 25, 2018.

Forest Degradation Dynamics of Charcoal Production in Miombo Woodlands: Assessment and Future Scenarios for Mozambique. Annual Meeting of the Association of American Geographers, New Orleans, LA, April 13, 2018. (with F. Sedano)

Human Drivers and Ecological Consequences of the Charcoal Trade in Mozambique's Miombo Woodlands. Annual Meeting of the Association of American Geographers, Boston, MA, April 5, 2017. (with F. Sedano)

Discussant, Forest and Field: Siting the Local in Conservation and Development. Annual Meeting of the African Studies Association, Washington DC, December 1, 2017.

The Impact of Charcoal Production on Forest Degradation: A Case Study in Tete, Mozambique. Miombo Network Meeting, Maputo, Mozambique, July 27, 2016 (with F. Sedano)

Africa's Urban Revolution & The Future of Forests: Lessons from Mozambique's Charcoal Trade. Miombo Network Meeting, Maputo, Mozambique, July 27, 2016. (with F. Sedano)

Africa's Urban Revolution & The Future of Forests: Lessons from Mozambique's Charcoal Trade. Annual Meeting of the Association of American Geographers, San Francisco, CA, March 31, 2016. (with F. Sedano)

Regional Inequality and Polarization in the Context of Concurrent Extreme Weather and Economic Shocks. Annual Meeting of the Association of American Geographers, Chicago, IL, April 2015. (with C. Matyas and B. Cunguara)

Even the Losers Get Lucky Sometimes: Capabilities and Conservation-based Development in Southern Africa. Annual Meeting of the Association of American Geographers, Tampa, FL, April 2014. (with S. Duncan)

"Now That the Animals Have Their Independence": The Impacts of Human-Wildlife Conflicts on Inequality near African Parks and Protected Areas. Annual Meeting of the Association of American Geographers, Los Angeles, CA, April 2013.

The Economic Vulnerability of Rural Farmers to Rainfall Variability and Extremes: Regional Implications for Coping and Adaptation in Mozambique. Southern Regional Science Association Meeting, Washington, DC, April 2013. (with C. Matyas)

Exploring the Socio-economic Dimensions of Rainfall Variability on Subsistence Agriculturalists in Mozambique. Annual Meeting of the American Meteorological Society, Austin, TX, January 2013. (with C. Matyas)

Social Dynamics of Market Transition in Remote Regions: The Case of Tourism in Namibia. Annual Meeting of the Association of American Geographers, New York, NY, February 2012. (with N. Motzer)

Development, Decision-making, and Natural Resource Management in Parks and Protected Areas. Annual Meeting of the Association of American Geographers, Washington, DC, April 2010.

Economic and Environmental Change in Mozambique's Limpopo River Basin. Annual Meeting of the African Studies Association, Chicago, IL, November 2008.

International Trade and the Changing Demand for Skilled Workers in High-Tech Manufacturing. Annual Meeting of the Association of American Geographers, Boston, MA, April 2008.

Sources of Income Inequality in Rural Mozambique. North American Meeting of the Regional Science Association International, Savannah, GA, November 2007.

Neoliberalization and Inequality in Mozambique: A Case Study in the Use of Iterative Mixed Methods. Annual Meeting of the Association of American Geographers, San Francisco, CA, April 2007.

Neoliberalization and Inequality in Mozambique: A Case Study in the Use of Iterative Mixed Methods. Annual Meeting of the Florida Society of Geographers, Jacksonville, FL, February 2007.

Trade, High-Tech Industry, and the Wage Gap. North American Meeting of the Regional Science Association International, Toronto, ON, November 2006.

Trade Orientation and Regional Income Inequality in Mozambique: A Spatial Perspective. Annual Meeting of the Association of American Geographers, Chicago, IL, March 2006.

Regional Income Inequality and International Trade. North American Meetings of the Regional Science Association International, Las Vegas, NV, November 2005. (with R. Leichenko)

The Scalar Dimensions of Inequality in Mozambique. Annual Meeting of the East Lakes Division of the Association of American Geographers, Bowling Green, OH, October 2005.

Who Has an Easy Life? Local Experiences of Inequality in Mozambique. Annual Meeting of the Association of American Geographers, Denver, CO, April 2005.

Economic Liberalization and Regional Inequality: The Case of Mozambique. Annual

Meeting of the Association of American Geographers, Philadelphia, PA, March 2004.

Market-Based Coping Strategies in Mozambique: Benefits and Risks. Annual Meeting of the African Studies Association, Boston, October-November 2003 (with S. Eriksen)

The Impact of Economic Liberalization on Climate Variability among Farmers in Mozambique. Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Montreal, Quebec, October 2003 (with S. Eriksen)

Trade, Employment, and Earnings: An Investigation of Rural Economic Change. Annual Meeting of the Rural Sociological Society, Montreal, Quebec, July 2003 (with R. Leichenko)

Income Inequality and International Trade Involvement: A State-Level Analysis for 1972-1994. Annual Meeting of the Association of American Geographers, New Orleans, LA, March 2003 (with R. Leichenko)

Trade, Employment, and Earnings Across U.S. Counties. Annual Meeting of the Association of American Geographers, New Orleans, LA, March 2003 (with R. Leichenko)

Let Maps Tell The Story: PPGIS in the Evaluation of Community-based Initiatives. URISA Public Participation in GIS Conference, New Brunswick, NJ, July 2002 (with J. Saul and D. Kim)

Making Room for Tomorrow's Immigrants: Community-based Organizations, Redevelopment and Assimilation in Manhattan's Chinatown. Annual Meeting of the Middle States Division of the American Association of Geographers, Long Island, NY, October 2001.

A Profile and Investigation of Economic Conditions on Native American Tribal Lands. Annual Meeting of the Middle States Division of the American Association of Geographers, Wilkes-Barre, PA, October 2000 (with R. Leichenko and B. Jamroz)

Workshops

Invited Participant, Social Science Perspectives on Climate Change Workshop, .S. Global Change Research Program (USGCRP), Washington, DC, March 9-10, 2017.

Invited Participant, Qualitative Data Sharing Workshop, National Socio-Environmental Synthesis Center (SESYNC), SESYNC Graduate Student Workshop, Annapolis, Maryland, February 27-March 1, 2017.

Invited Participant, Expert Group Meeting for UN World Economic and Social Survey 2016, Development Strategy and Policy Unit (DPAD), Department of Economic and Social Affairs, United Nations, New York, April 7-8, 2016.

Invited Participant, Social Science and Climate Change Workshop Planning Meeting, U.S. Global Change Research Program (USGCRP) Social Sciences Coordinating Committee, Washington, DC, April 12, 2016.

Invited Participant, U21 Workshop – Informing Climate Action 2016, Universitas 21/Lund University/University of Maryland, College Park, MD, May 2-3, 2016.

Invited Participant, Expert Group Meeting for UN World Economic and Social Survey 2016, Development Strategy and Policy Unit (DPAD), Department of Economic and Social

Affairs, United Nations, New York, December 10-11, 2015.

Colloquia/Symposia

'Now that the animals have their independence': Losing one's place in conservation spaces. Department of Geography Speaker Series, George Washington University, Washington, D.C., November 20, 2020.

Tracing the links between multidimensional poverty and illegal wildlife hunting in Africa: A Capability Perspective. Department of Geography Colloquium, Texas A&M University, College Station, TX, October 19, 2018.

Multidimensional Poverty in Conservation Areas: The Case of Illegal Wildlife Hunting. Department of Geography and Geoinformation Science, George Mason University, Fairfax, VA, October 3, 2018.

Multidimensional Poverty and Illegal Wildlife Hunting in Conservation Areas. Boundary Spanning: Advances in Socio-Environmental Systems Research, International Symposium, SESYNC, Annapolis, MD, June 11, 2018. [Lightning Talk]

Africa's Urban Revolution & The Future of Forests: Lessons from Mozambique's Charcoal Trade. Department of Geography, Kent University, Kent, OH, November 2015.

Tracking the Charcoal Trade: Investigating Dynamic Intersections between Urbanization and Land Use/Land Cover Change in Mozambique. Department of Geography and Geoinformation Science, George Mason University, Fairfax, VA, October, 2015.

Using NASA Products to Mitigate Social Unrest and Violent Conflict in the Developing World. NASA, Information Science & Technology Colloquium, Greenbelt, MD, December 2013.

Even the Losers Get Lucky Sometimes: Using a Capabilities Approach to Assess Conservation-based Development Programs in Mozambique and Namibia. Department Of Geography Colloquium, Rutgers University, New Brunswick, NJ, September 2013.

Transforming Conservation into Cash? Nature Tourism in Southern Africa. Department of Geography Colloquium, George Washington University, Washington, DC, March 2012.

Nature Tourism as a Rural Development Strategy: The Case of Namibia. Department of Geography Colloquium, Mary Washington University, Fredericksburg, VA, October 2008.

Accumulated Vulnerability in Mozambique's Limpopo River Basin. Department of Geography Colloquium, Texas A&M University, College Station, TX, September 2008.

Non-Research Outreach Presentations

Coming Soon to all the Cities and Villages Near You: Geospatial Technologies to Support Climate Change Adaptation and Mitigation. (With M. Hansen, D. Rain, and J. Waylen). Peace Corps Connect Conference, National Peace Corps Association, George Washington University, Washington, D.C., September 23, 2016.

SERVICE

Journal Editorships

Applied Geography, Associate Editor, 2023-Present

African Geographical Review, Editor, 2018-2020; Associate Editor, 2016-2018

Journal Editorial Boards

African Geographical Review, 2020-Present

Annals of the American Association of Geographers, 2024-Present

Applied Geography, 2018-Present

Environment and Planning E: Nature and Space, 2025-Present

Review of Regional Studies, 2014-Present

Mitigation and Adaptation Strategies for Global Change, 2020-2023

The Professional Geographer, 2011-2019

Reviewing Activities for Journals and Presses

African Geographical Review; Annals of the American Association of Geographers; Applied Geography; California Geographer; Cambridge Journal of Regions, Economy and Society; Cartographica; Economic Geography; Ecological Economics; Geoforum; Geographical Review; Global Environmental Change; Growth and Change; Human Ecology; Industrial Geographer; International Journal for Tourism Research; International Regional Science Review; Journal of Development Studies; Journal of Environment & Development; Nature Climate Change; Papers in Regional Science; PLOS ONE; Professional Geographer; Regional Studies; Review of Regional Studies; Society & Natural Resources; Urban Geography; World Development

Panel Reviewing Activities for Agencies & Centers

National Science Foundation, Human-Environment and Geographical Sciences (HEGS) Program, Directorate for Social, Behavioral, and Economic Sciences, Review Panelist, 2023

National Science Foundation, Human-Environment and Geographical Sciences (HEGS) Program, Directorate for Social, Behavioral, and Economic Sciences, Review Panelist, 2019-2020

National Socio-environmental Synthesis Center (SESYNC), University of Maryland/National Science Foundation, Annapolis, Scientific Review Committee Member and Panelist, 2019-2020

National Science Foundation, Geography and Spatial Science (GSS) Program, Directorate for Social, Behavioral, and Economic Sciences, Review Panelist, 2019

National Science Foundation, Dynamics of Coupled Natural and Human Systems (CNH), Directorate for Social, Behavioral, and Economic Sciences, Review Panelist, 2016

National Science Foundation, Geography and Spatial Science (GSS) Program, Doctoral Dissertation Research Improvement (DDRI) Grants, Directorate for Social, Behavioral, and Economic Sciences, Review Panelist, 2014, 2015, 2016

National Science Foundation, International Research Experience for Students (IRES) Program, Review Panelist, 2011

Ad Hoc Reviewing Activities for Agencies

National Science Foundation, Social, Behavioral and Economic Sciences Directorate, Trans-Atlantic Platform Recovery, Renewal and Resilience in a Post Pandemic World (T-AP RRR), 2021

National Science Foundation, SBE Postdoctoral Research Fellowships Program, 2021

National Science Foundation, Geography and Spatial Science Program, Doctoral Dissertation Research Improvement Proposal, 2013

National Science Foundation, Geography and Spatial Science Program, Regular Proposal, 2007, 2008, 2009, 2012, 2013

National Geographic Society, Research, Conservation, and Exploration Group, 2012

Offices and Committee Memberships

Scientific Committee Member, 2022 Global Conference on Economic Geography, Dublin, Ireland, 2021-2022.

Chair, Honors Committee, Association of American Geographers, 2020

Honors Committee, Association of American Geographers, 2018-2020

Local Advisory Committee AAG 2019, Association of American Geographers, 2018-2019

Chair, Geographic Perspectives on Women (GPOW) Specialty Group, Association of American Geographers, 2017-2018

Vice Chair, Geographic Perspectives on Women (GPOW) Specialty Group, Association of American Geographers, 2016-2017

Nystrom Award Committee, Association of American Geographers, 2014

Finance Committee, Association of American Geographers, 2013-2016

Board Member, Economic Geography Specialty Group, Association of American Geographers, 2008-2012

Associate, Global Environmental Change and Human Security (GECHS), 2008-2010

Affiliate, Sloan Foundation's Industry Studies Network, 2007-2010

Leadership Roles in Meetings and Conferences

Participated in panels titled 'Career Mentoring C' and 'Family, Life, and Work: Strike a Balance' at the Annual Meeting of the Association of American Geographers, New Orleans, LA, April 13, 2018.

Organized a week-long expert meeting at UMD (May 11-18, 2013) as part of my NSF-funded CAREER project. One Namibian collaborator from the University of Namibia and three Mozambican collaborators from the Universidade Pedagógica visited Maryland to participate in this meeting to discuss research publications and future research proposals.

Coordinated the Women in Geography reception at the Association of American Geographers' Annual Meeting, Tampa, FL, April 2014. The event was attended by approximately 100 people.

As part of the fieldwork conducted for my NSF-funded CAREER project 'The Effects of Nature Tourism as a Rural Development Strategy on Poverty and Inequality: The Cases of Namibia and Mozambique,' I have trained 17 Namibian undergraduate students from the University of Namibia and 19 Mozambican undergraduate students from the Universidade Pedagógica in research design, survey enumeration, open interviewing techniques, and GIS data collection. The training took place in Namibia and Mozambique February-August 2009, February-May 2011, and May-August 2012.

In collaboration with faculty members at the Universidade Pedagógica in Mozambique, I have helped with the development of the curriculum for their new PhD program (established in 2010) and given guest lectures at the Beira Campus. I have also given guest lectures at Eduardo Mondlane University, Mozambique and the University of Namibia.

Campus Service

University at Buffalo (2023-Present):

Department Service:
Community Building Task Force (former Diversity Committee), Chair, Spring 2025-present
Tenure and Promotion Committee, Spring 2025
Graduate Committee, Elected Member, Fall 2023-Present
Promotions Committee, Member, Spring 2024

College Service:
College of Arts and Sciences' Appointments, Promotions, and Tenure Committee, Elected Member, Fall 2026-Present

University of Maryland (2010-2023):

University/College Service:
Partner to Advance the Public Good Strategic Plan Committee, Appointed Member, Fall 2022
Flagship Fellowship Selection Committee, UMD Graduate School, Spring 2022, Spring 2023
Assistant/Associate Dean for Research Search Committee, Appointed Member, College of Behavioral and Social Sciences, Spring/Summer 2016

Department Service:
Wild Women in Geography (WWIG) Group, Founder and Coordinator, Fall 2011-Present
IRB Liaison, Fall 2018, Fall 2019-Fall 2022
Graduate Committee, Chair, Fall 2018, Fall 2020-Spring 2021
Undergraduate Committee Chair, Fall 2019
Diversity, Equity, Inclusion, and Anti-Racism Committee Co-Chair, Spring 2021
Diversity Task Force, Appointed Member, Fall 2010-Spring 2012, Fall 2014-Spring 2017, Fall 2020
Faculty Advisory Committee, Elected Member, Fall 2015-Spring 2017; Fall 2010-Spring 2012
Committee for the Review of the Department Chair of Geographical Sciences, Appointed Member, Fall 2015
Merit Pay Committee, Elected Member, Spring 2013, Spring 2021.

Department of Geographical Sciences Speaker Series, Joint Coordinator, Fall 2011. As coordinator of this series, I invited four distinguished speakers from underrepresented backgrounds, in an effort to increase the diversity of scholars presenting in the series.