

BILAL BUTT

- Professor ▪ School for Environment & Sustainability ▪ University of Michigan ▪
- 3532 Dana Building ▪ 440 Church Street ▪ Ann Arbor, MI 48109 - 1041 ▪ +1-(734)-615-6149
- bilalb@umich.edu ▪ <https://envgeopolitics.com> ▪ orcid.org/0000-0002-1613-0921

PROFESSIONAL PREPARATION

- 2008 – 2011 Postdoctoral Scholar, University of Wisconsin, Madison
- 2002 – 2007 Ph.D. (Geography) Michigan State University
- 2000 – 2002 M.A. (Geography) Michigan State University
- 1996 – 1999 B.A. (Geography) Eastern Kentucky University (*magna cum laude*)

ADMINISTRATIVE APPOINTMENTS (AT UNIVERSITY OF MICHIGAN, UNLESS OTHERWISE NOTED)

- 2026 – Present *Senior Advisor*, Center for Global Health Equity
- 2023 – 2026 *Coordinator*, STEM-Africa Initiative, African Studies Center
- 2020 – 2022 *Director*, Community, Impact and Engagement, School for Environment & Sustainability
- 2020 – 2022 *Co-Director*, Sustainability and Development, Academic Specialization
- 2016 – 2017 & 2012 – 2013 *Director*, Geospatial Data Science, Academic Specialization

ACADEMIC APPOINTMENTS AND AFFILIATIONS (USA & EAST AFRICA)

USA

- 2025 - Present *Professor of Environment & Sustainability*
School for Environment and Sustainability, Univ. of Michigan
Faculty Program Affiliate
Center for Global Health Equity
Science and Technology Studies
Science, Technology, and Public Policy
African Studies Center
Department of Afro-American and African Studies
Michigan Institute for Data & AI in Society
- 2017 – 2025 *Associate Professor of Environment & Sustainability*
School for Environment and Sustainability, Univ. of Michigan
- 2011 – 2017 *Assistant Professor of Natural Resources & Environment*
School for Natural Resources and Environment, Univ. of Michigan
- 2011 *Postdoctoral Research Associate/Fellow*

2011 Department of Geography, Univ. of Wisconsin, Madison
Lecturer

2008 – 2010 Department of Geography, Univ. of Wisconsin, Madison
Postdoctoral Research Fellow
National Science Foundation & Department of Geography, Univ. of Wisconsin,
Madison

2008 – 2009 *Honorary Fellow*
Land Tenure Center, Nelson Institute of Environment Studies, Univ. of
Wisconsin

2007 – 2007 *Instructor of Record*
Department of Geography, Michigan State University

2000 – 2007 *Graduate Teaching and Research Assistantships*
Departments of Geography, International Studies, and Zoology, Michigan State
University

1997 – 1999 *Undergraduate Teaching Assistant*
Department of Geography and Planning, Eastern Kentucky University

1998 – 1999 *Research Technician*
Geographic Research and Support Center, Eastern Kentucky University

Kenya & Tanzania

2025 – Present *External Examiner*
Faculty of Law, University of Nairobi, Kenya

2024 – Present *Visiting Research Scientist*
Institute of Human Development, Aga Khan University, Nairobi, Kenya

2017 – 2023 *Research Associate*
Department of Environmental Studies and Community Development, Kenyatta
University, Nairobi, Kenya

2012 – 2014 *Research Associate*
Center for Sustainable Dryland Ecosystems and Societies, College of Agriculture
and Veterinary Sciences, University of Nairobi, Kenya

2008 – 2010 *Research Fellow*
International Livestock Research Institute, Nairobi, Kenya

2004 – 2007 *Graduate Fellow*
International Livestock Research Institute, Nairobi, Kenya

2002 – 2003 *Research Consultant*
International Livestock Research Institute, Nairobi, Kenya

2000 – 2000 *Technical Consultant*
Arabuko-Sokoke Forest Management and Conservation Plan, Gede, Kenya

2000 – 2000 *Instructor*
School for International Training, Arusha, Tanzania

HONORS, AWARDS & NOMINATIONS

2026 *Superior Teaching Award*
SEAS Student Government, University of Michigan

2026 *Nominated for President's Award for Leadership in International Education*
University of Michigan

2025 *Kwadwo Konadu-Agyemang Distinguished Scholar Award*
African Specialty Group, Association of American Geographers

2023 & 2024 *Fulbright Global Scholar*
Semi-Finalist

2022 *National Academy of Science, Engineering, and Medicine (NASEM)*
US-Africa Frontiers Fellowship Recipient

2020 *Superior Teaching Award (Also Nominated in 2016, 2017, 2018)*
SEAS Student Government, University of Michigan

2016 *NSF CAREER Award* (National Science Foundation's most prestigious award for faculty who exemplifies the role of teacher-scholars through outstanding research, excellent education, and integration of education)

2012, 2013 *Office of the Provost, University of Michigan*
Nominated and recognized by undergraduate students and the provost's office for efforts to advance global engagement.

2008 *National Science Foundation*
Recipient of the NSF Minority Postdoctoral Fellow, Division of Biological Infrastructure

2008 *Michigan State University*
Gill-Chin Lim Award for outstanding doctoral dissertation in global studies

2007 *Michigan State University*
Recipient of the travel grant endowment, Department of Geography, College of Social Science, and the Graduate School.

2005 *National Science Foundation*
Recipient of the Doctoral Dissertation Research Award

2003 *Michigan State University*
Recipient of the Walker Hill International Travel Award, International Studies, and Programs

2002 *Michigan State University*
Recipient of the Graduate Student of the Year, Department of Geography

- 2002 *Michigan State University*
Recipient of the Travel Grant Endowment, Department of Geography, College of Social Science, and the Graduate School
- 2000 *American Congress on Mapping and Surveying*
Recipient of the Student Project of the Year
- 2000 *Who's Who in American Colleges and Universities*
Geography
- 1997 - 1999 *Eastern Kentucky University*
Recipient of the President's List, Dean's List & Dean's Award
- 1998 *Eastern Kentucky University*
Recipient of the Milos Sebor Undergraduate Scholarship, Department of Geography
- 1997 - 1999 *Eastern Kentucky University*
Recipient of the International Student Scholarship

ACCEPTED PUBLICATIONS/IN PRESS (*INDICATES STUDENT/POSTDOC CO-AUTHOR)

38. **Butt, B.**, de Jong, M*., Carroll, S*. & Xu, W*. (2026) Spatial Analysis of Pastoral Mobility. In *Routledge Handbook of Pastoralism* (M. Moritz, I. Samuels, N. Schareika, E. Schlecht, Editors). <https://doi.org/10.4324/9781003487852>

PUBLICATIONS (PUBLISHED & PEER-REVIEWED; * INDICATES MS/PHD/POSTDOC CO-AUTHOR)

37. *de Jong, M., **Butt, B.**, and O. Adunbi. (2026). Spaces of Private Conservation: State Effects and Hierarchical Autonomy in Private Wildlife Conservation. *Political Geography*. <https://doi.org/10.1016/j.polgeo.2026.103536>
36. **Butt, B.** (2026). African Land Grabs. In *The SAGE Encyclopedia of Environmental Justice*. (D. Taylor, Editor).
35. **Butt, B.** and Xu, W.* (2025). Reply to Ogutu et al: Cattle-Wild Herbivore Interaction Studies Warrant New Lenses from Community Ecology and Environmental Justice. *Proceedings of the National Academy of Sciences* **122**(23) e2505717122 doi.org/10.1073/pnas.2505717122
34. de Jong, M.* and **Butt, B.** (2025). "We Women Are Suffering": Fragile Water Infrastructure and Gendered Embodied Labor. *Annals of the American Association of Geographers*, **115**(3), 705–724. <https://doi.org/10.1080/24694452.2024.2446559>
33. de Jong, M*., McCoy, E*. and **Butt, B.** (2025). From Coercive to Carceral Conservation: Reframing Conservation as Abolition Ecologies. *Antipode* **57**(1): 31-52 doi.org/10.1111/anti.13092 (Open Access)
32. **Butt, B.** (2024). Buying the Dead, Burying the Poor: Climate Change and Pastoral

- Drought Coping Strategies in East Africa. In *Climate Coloniality* (F. Sultana, Editor). Routledge Press, pages 94-108 doi.org/10.4324/9781003465973-8
31. Xu, W* and **Butt, B.** (2024) Rethinking wildlife-livestock relationships at a protected area boundary. *Proceedings of the National Academy of Sciences* **121**(38) e2403655121 [doi.org/ 10.1073/pnas.2403655121](https://doi.org/10.1073/pnas.2403655121) (Open Access)
 30. Kalsky, E.* and **Butt, B.** (2024). Milking Welfare: *Bovis Sacer* and the Inclusive Thanatopolitics of the Dairy Farm. *Antipode: A Radical Journal of Geography* doi.org/10.1111/anti.12976 (Open Access)
 29. Pas Schriver, A. Watson, K., and **Butt, B.** (2023). Land Tenure Transformation: The Case of Community Conservancies in Northern Kenya. *Political Geography* **106**(102950): doi.org/10.1016/j.polgeo.2023.102950
 28. de Jong, M*, and **Butt, B.** (2023) Conservation Violence: Paradoxes of “Making Live” and “Letting Die” in Anti-Poaching Practices. *Environment and Planning E: Nature and Space* 5(4): 2400-2423 doi.org/10.1177/25148486231151805
 27. **Butt, B.** (2023). Doing Environmental Justice: Prospects for Sustainable Engagement. *Environment and Planning E: Nature and Space* 6(4): 2781-2794 doi.org/10.1177/25148486221137246
 26. de Bruijn, M., Q. Zhang, H. Abu-Kishk, **B. Butt**, N. Hashimshony-Yaffe, T. Sternberg, A. Pas. (2022) “Drylands connected: Mobile communication and changing power positions in (nomadic) pastoral societies”. In *Drylands Facing Change: Interventions, Investments, and Identities*. A. K. Garcia, T. Haller, H. V. Dijk, C. Samimi, and J. Warner (eds). London, Routledge. doi.org/10.4324/9781003174486
 25. *Krishnan, R. and **Butt, B.** (2022) “The Gasoline of the Future:” Electric Vehicles, Points of Continuity, and Making Green Capitalism” *Energy Research and Social Sciences* **83**: 102349 doi.org/10.1016/j.erss.2021.102349
 24. *Hedman, H.D., L. Zhang, **B. Butt**, P. Papias*, J. A. Trostlee, J. Eisenberg. (2021) “Chicken dumping”: Motivations and perceptions in shifting agricultural practices. *One Health* **13**: 100296 doi.org/10.1016/j.onehlt.2021.100296 (Open Access)
 23. *Hedman, H.D., L. Zhang, G. Trueba, D. L. Vinueza Rivera, R. A. Zurita, Herrera, J. Villacis Barrazueta, G. I. Gavilanes Rodriguez, **B. Butt**, J. Foufopoulos, V. J. Berrocal, and J. N. Eisenberg (2020) “Spatial exposure of agricultural antimicrobial resistance to free-range domestic chicken (*Gallus gallus domesticus*) movement patterns among agricultural communities in Ecuador *American Journal of Tropical Medicine & Hygiene* **103**(5):1803-1809 doi.org/10.4269/ajtmh.20-0076

22. **Butt, B.** (2020) Digital Data and Knowledge Making in the Field. *The Geographical Review* **110**(1-2): 183-194 [doi: 10.1111/gere.12363](https://doi.org/10.1111/gere.12363)
21. Adunbi, A. and **Butt, B.** (2019) (co-editors of a special issue) Afro-Chinese Engagements: infrastructure, land, labour, and finance. *Africa* **89**(4): 633-637 doi.org/10.1017/S0001972019000822
20. Duvall, C., **Butt, B.**, and A. Neely. (2018) The trouble with savanna and other environmental categories, especially in Africa. In Handbook of Critical Physical Geography, R. Lave, C. Biermann, and S. Lane (Eds.), Pages 107-127. Palgrave publishing doi.org/10.1007/978-3-319-71461-5_6
19. **Butt, B.** (2018). Environmental Indicators and Governance. *Current Opinion in Environmental Sustainability* **32**: 84-89 doi.org/10.1016/j.cosust.2018.05.006
18. *Steger, C.S. **Butt, B.**, and Hooten, M. (2017) Safari Science: Assessing the reliability of citizen science data for wildlife surveys. *Journal of Applied Ecology* **54**(6): 2053-2062 [doi: 10.1111/1365-2664.12921](https://doi.org/10.1111/1365-2664.12921) (Open Access)
17. **Butt, B.** Ecology, Mobility and Labor: Dynamic Pastoral Herd Management in an Uncertain World. (2016) *Rev. Sci. Tech. Off. Int. Epiz (Scientific and Technical Review of the Office International des Epizooties)* **35**(2): 461-471 [doi: 10.20506/rst.35.2.2530](https://doi.org/10.20506/rst.35.2.2530) (Invited Submission to the World Organization for Animal Health on ‘The Future of Pastoralism’) (Open Access)
16. **Butt, B.** (2016) Neoliberalism, Conservation and Dispossession in Kenya’s Arid Lands”. *Humanity: An International Journal of Human Rights, Humanitarianism, and Development* **7**(1): 91-110 [doi: 10.1353/hum.2016.0009](https://doi.org/10.1353/hum.2016.0009)
15. Turner, M., **Butt, B.**, Singh, A.*, Brottem, L.*, Ayantunde, A., and B. Gerard. (2016) “Variation in vegetation cover and livestock mobility needs in Sahelian West Africa” *Journal of Land Use Science* **11**(1): 76-95 [doi:10.1080/1747423X.2014.965280](https://doi.org/10.1080/1747423X.2014.965280)
14. O’Connor, D.* **Butt, B.** and Foufopoulos, J. (2016) “Mapping the ecological footprint of large livestock overlapping with wildlife in Kenyan pastoralist landscapes” *African Journal of Ecology* **54**(1): 114-117 [doi: 10.1111/aje.12241](https://doi.org/10.1111/aje.12241)
13. Steger, C.* and **Butt, B.** (2015) “Integrating Citizen Science into East African Protected Areas: Problems and Prospects” *African Journal of Ecology* **53**(4): 592-594 [doi: 10.1111/aje.12199](https://doi.org/10.1111/aje.12199)
12. O’Connor, D.* **Butt, B.**, and J. Foufopoulos. (2015) “Foraging ecologies of giraffe (*Giraffa camelopardalis reticulata*) and camels (*Camelus dromedarius* Linnaeus) in northern Kenya: Effects of habitat structure and possibilities for competition?” *African Journal of Ecology* **53**(2): 183-193 [doi: 10.1111/aje.12204](https://doi.org/10.1111/aje.12204)

11. **Butt, B.** (2015) "Herding by Mobile Phone: Technology, Social Networks and the "Transformation" of Pastoral Herding in East Africa" *Human Ecology* **43**(1): 1-14 [doi: 10.1007/s10745-014-9710-4](https://doi.org/10.1007/s10745-014-9710-4)
10. **Butt, B.** (2014) "The Political Ecology of Livestock Incursions into Protected Areas: Technology, Place and Socio-Ecological Dynamics in the Mara Region of Kenya" *Africa: Journal of the International African Institute* **84**(4): 614-637 [doi:10.1017/S0001972014000515](https://doi.org/10.1017/S0001972014000515)
9. DuPuy, W.*, Benka, V.*, Massey, A.*, Deem, S., Kinnaird, M., O'Brien, T., Wanyoike, S., Njoka, J., **Butt, B.**, Fougopoulos, J., Eisenberg, J., and R. Hardin (2014) "Q Fever Risk across a Dynamic Heterogeneous Landscape in Central Kenya" *EcoHealth* **11**(3):429-433 [doi:10.1007/s10393-014-0924-0](https://doi.org/10.1007/s10393-014-0924-0)
8. Brottem, L.*, Turner, M. **Butt, B.** and A. Singh*. (2014) "Biophysical Variability and Pastoral Rights to Resources: West African Transhumance Revisited" *Human Ecology* **42**(3): 351-365 [doi:10.1007/s10745-014-9640-1](https://doi.org/10.1007/s10745-014-9640-1)
7. **Butt, B.** and Turner, M. D. (2012) "Clarifying competition: The case of wildlife and pastoral livestock in East Africa." *Pastoralism: Research, Policy, and Practice* **2**(9): 1-15 [doi:10.1186/2041-7136-2-9](https://doi.org/10.1186/2041-7136-2-9)
6. **Butt, B.** (2012) "Commoditizing the Safari and Making Space for Conflict: Place, Identity and Parks in East Africa." *Political Geography* **31**(2): 104-113 [doi:10.1016/j.polgeo.2011.11.002](https://doi.org/10.1016/j.polgeo.2011.11.002)
5. **Butt, B.** Turner, M. Singh, A.* & L. Brottem*. (2011) "Use of MODIS NDVI to Evaluate Changing Latitudinal Gradients of Rangeland Phenology in Sudano-Sahelian West Africa." *Remote Sensing of Environment* **115**(12): 3367-3376 [doi:10.1016/j.rse.2011.08.001](https://doi.org/10.1016/j.rse.2011.08.001)
4. **Butt, B.** (2011) "Coping with uncertainty and variability: The influence of protected areas on pastoral herding strategies." *Human Ecology* **39**(3): 289-307 [doi:10.1007/s10745-011-9399-6](https://doi.org/10.1007/s10745-011-9399-6)
3. **Butt, B.** (2010) "Pastoral resource access and utilization: quantifying the spatial and temporal relationships between livestock mobility, density and biomass availability in southern Kenya." *Land Degradation and Development* **21**(6): 520-539 [doi:10.1002/ldr.989](https://doi.org/10.1002/ldr.989)
2. **Butt, B.** (2010) "Seasonal space-time dynamics of cattle behavior and mobility among Maasai pastoralists in semi-arid Kenya." *Journal of Arid Environments* **74**(3): 403-413 [doi:10.1016/j.jaridenv.2009.09.025](https://doi.org/10.1016/j.jaridenv.2009.09.025)
1. **Butt, B.** Shortridge, A., and A. WinklerPrins. (2009) "Pastoral herd management, drought coping strategies, and cattle mobility in Southern Kenya." *Annals of the*

OTHER PRODUCTS (PUBLISHED, ONLINE, CODE, OR WORKING PAPERS)

- 2025 W. Xu, and **B. Butt**, Rethinking livestock encroachment: code and data (v1.0.2). Zenodo. <https://doi.org/10.5281/zenodo.10688128>. Deposited 9 January 2024.
- 2019 de Jong, M., and **Butt, B.** Guns of GPS: An online Case Study for Teaching. Michigan Sustainability Cases. Available online at: www.learnala.com
- 2005 Reid, R. Gachimbi, L. Worden, J. Wangui, E. Mathai, S. Mugatha, S. Campbell, D. Maitima, J. **Butt, B.** Gichohi, H. and Ogol, E. "Linkages between changes in land use, biodiversity and land degradation in the Loitokitok area of Kenya." *LUCID Working Paper Series #49* United Nations Environment Programme/Global Environment Facility.
- 2004 Norton-Griffiths, M. and **Butt, B.** "The economics of land-use change in Loitokitok Division of Kajiado District, Kenya." *LUCID Working Paper Series #34* United Nations Environment Programme/Global Environment Facility.
- 2004 Olson, J. with **Butt, B.** Maitima, J. Atieno, F. Imbernon, J. Muchugu, E. Murimi, G. and H. Xu. "Land use change patterns and processes on the eastern slopes of Mt. Kenya." *LUCID Working Paper Series #20*. United Nations Environment Programme/Global Environment Facility.
- 2002 **Butt, B.** and Olson, J. "An approach to dual land use and land cover interpretation of 2001 satellite imagery of the eastern slopes of Mt. Kenya." *LUCID Working Paper Series #16*. United Nations Environment Programme/Global Environment Facility.

RESEARCH GRANTS (EXTERNAL; TOTAL = US\$ 711,948)

- 2016-2021 *National Science Foundation – Division of Behavioral and Cognitive Science* 1552429 CAREER: Situated Resilience and the New Geographies of Wildlife-Livestock Interactions. (**B. Butt** – PI). US\$ 649,999.00
- 2012-2014 *National Science Foundation – Division of Biological Infrastructure* 1237487 Understanding Savanna Vegetation Dynamics in East Africa Under Different Off-Take Methods and Precipitation Regimes. (**B. Butt** – PI). US\$ 49,974.00
- 2005-2006 *National Science Foundation – Division of Behavioral and Cognitive Science* 0525809 Socio-Political and Ecological Complexity of Pastoral Herding Strategies around the Maasai Mara National Reserve, Kenya. Doctoral Dissertation Research Improvement Grant (A. WinklerPrins – PI, **B. Butt** Co-PI). US\$ 11,975.00

RESEARCH GRANTS (INTERNAL* UNIVERSITY OF MICHIGAN; TOTAL = US\$ 2,078,459)

- 2024-2026 *Vice President for Research, Provost's Anti-Racism Initiative, and the National Center for Institutional Diversity's Anti-Racism Collaborative Research Catalyst and Innovation (RCI) Program Anti-Racism Grants*
Racial Capitalism and Anti-Racism in Kenyan Conservation (PI: **B. Butt**, O. Adunbi, co-PI, and M. Hussain, co-PI) US\$100,000.00
- 2023-2024 *African Studies Center*
Pastoral Health and Climate Change in Drylands (PI: **B. Butt**, and A. Ngugi, co-PI). US\$5,000.00
- 2023-2025 *Center for Global Health Equity*
Pastoral Health and Climate Change in Drylands (PIs: **B. Butt**, and co-PIs J. Kariuki, A. Maina, S. Parthasarathy, and A. Waljee. US\$56,807
- 2019-2023 *School for Environment and Sustainability Theme Award*
Sustainability and Development Initiative (PIs: **B. Butt**, P. Jagger, A. Agrawal, M. Lemos, and M. Jain). US\$ 81,000
- 2019-2020 *MCubed 3.0 (Office of the Provost)*
Sustainable Development Resource Books Africa (co-PIs: M. Jain, B. Min, and **B. Butt**). US\$60,000.00
- 2018-2020 *African Heritage Initiative*
A People's History of the Maasai Mara, Kenya (**B. Butt** – PI, J. Muriithi, co-PI). US\$10,000.00
- 2015-2020 *Office of the Provost and Executive Vice President for Academic Affairs – Transforming Learning for a Third Century (TLTC) Transformation*
Transforming Sustainability Education and Case-Based Teaching (A. Agrawal, R. Hardin – PIs and 17 others, including **B. Butt**). US\$ 1,595,749.00
- 2015-2017 *MCubed 2.0 Program (Office of the Provost)*
Novel Sensor Packages and Big Data Algorithms for the Understanding of Wildlife and Livestock Interactions in the Semi-arid Ecosystems of East Africa (co-PIs: M. Johnson-Roberson, J. Abernathy, and **B. Butt**). US\$60,000.00
- 2015-2016 *University of Michigan - Taubman College of Architecture and Urban Planning*
Domestic Visitors: An Exhibition on Resource Scarcity (A. Fure – PI, **B. Butt**, and M. Kenyon – Co-PIs). US\$20,000.00
- 2013-2015 *African Social Research Initiative*
Technologies of Conservation Governance & State Surveillance in Kenya's Protected Areas (**B. Butt** – PI, J. Njoka, co-PI). US\$10,000.00
- 2012-2014 *University of Michigan – MCubed 1.0 Program (Office of the Provost)*
Unintended consequences of technology in development (**B. Butt** – PI, O. Adunbi & J. Pal – Co-PIs). US\$60,000.00
- 2012-2014 *University of Michigan – School of Natural Resources and Environment SEED Grant*

Science, Practice, and Public Participation: Natural Resource Monitoring in African Protected Areas. (B. Butt – PI) – US\$ 19,940.00

RESEARCH FELLOWSHIPS

- 2008-2010 *National Science Foundation – Division of Biological Infrastructure 0706756*
Grazing on the Edge: Linking Pastoral Livestock Mobility Patterns and Ecological Processes at the Micro-Scale in Southern Kenya. Minority Postdoctoral Research Fellowship, Directorate of Biological Sciences. US\$189,000.00
- 2006 *Michigan State University*
Carnegie Academy for the Scholarship of Teaching and Learning (CASTL) Fellow, Residential College of Arts and Humanities. US\$6,000.00
- 2005-2006 *Compton Foundation*
Peace and Security Studies Fellowship. African Studies Center/Women and International Development Program, Michigan State University. US\$ 15,000.00
- 2001-2007 *Michigan State University*
Graduate Office Fellowship, Department of Geography. US\$ 17,853.00

EXTERNAL INVITED LECTURES AND SEMINARS (* PLENARY SPEAKER; †STUDENT SELECTED)

- 2025 Time to Let it Go? Rethinking Conservation without Violence. *Institut de Ciència i Tecnologia Ambientals (ICTA), Universitat Autònoma de Barcelona*, 6 Nov.
- 2025 Geographies of Settlerism and Science in Kenyan Conservation: Towards an Abolitionist Future. Department of Geography, *University of Buffalo*, Buffalo, NY 19 Sept.
- 2022 †Climate Change and Resource-Based Conflicts. College of Agriculture and Environmental Sciences, *Kenyatta University*, Nairobi, Kenya 17 Oct.
- 2022 †First U.S.-Africa Frontiers of Science, Engineering, and Medicine Symposium. *US National Academy of Sciences and Medicine, and the African Academy of Sciences*. Nairobi, Kenya 12-14 Oct.
- 2022 †Land Grabs, Wildlife Conflicts, and Resource Use in East Africa. *Yale University*, School of Environment, New Haven, CT. 31 Mar.
- 2021 †Indicators and Environmental Governance. *Columbia University*, New York, NY. 23 Apr
- 2020 †Conservation Violence in Kenya: Looking Beyond Dominant Narratives. *Kenyatta University*, Nairobi, Kenya. 10 Feb.
- 2019 †Conservation and Environmental Securitization: Poaching, Technology & Terrorism in East Africa. *George Washington University*, Washington, DC. Oct. 4
- 2019 †Old Ports, New Ports: Development, Security, and Infrastructure in Lamu,

- Kenya. Institute for African Development, *Cornell University*, Ithaca, NY. Mar. 28
- 2017 †The Political Ecology of Pastoralism: Commons, Enclosure and Technological Adoption in an Uncertain World. Department of Human Ecology, Community and Regional Development Unit. *University of California, Davis*. Davis, CA. Mar. 9
- 2017 Conservation, Mobile Phones and the New Pastoral Commons in Kenya. Carter G. Woodson Institute for Afro-American and African Studies. The *University of Virginia*. Charlottesville, VA. Feb. 10
- 2016 People and Protected Areas in Sub-Saharan Africa: Past, Present, and Future. Symposium at the *Ethiopian Biodiversity Institute*. Addis Ababa, Ethiopia, Nov. 30
- 2015 *† From Phenology to Poaching: International Environmental Research Collaborations in Sub-Saharan Africa. Environmental Science and Public Policy Research Symposium 2015: International Research Collaborations - Addressing Environmental Challenges. *Michigan State University*. East Lansing, MI, Oct. 23
- 2014 Session Presenter and Co-Chair: Staying Mobile, Staying Healthy? Pastoralism, mobility, and human health in the drylands of East Africa. Special organized session on Pastoralism, rural communities, and the human-animal health Interface in Africa. *International Meeting on Emerging Diseases and Surveillance*. Vienna, Austria, Nov. 2
- 2014 †Technology, Mobility, and Resource Access Struggles: Does Technology “Revolutionize” Grazing Strategies Among Pastoralists in East Africa? *Michigan State University*, Department of Geography (Specially selected by graduate students). East Lansing, MI Sep. 19
- 2010 Cattle mobility, ecology, and Maasai herding in southern Kenya. People, Livestock, and Environment Theme. *International Livestock Research Institute* (ILRI). Nairobi, Kenya, Jan. 6

PANELS & ORGANIZED WORKSHOPS (†ORGANIZED, *INVITED)

- 2026 *Artificial Intelligence, Data Centers, and Emerging Inequalities. New Horizons in Conservation Conference. *Yale University*, New Haven, CT. May 5th
- 2026 Critical Engagements with Ecological Data and Science: Traditional Presentations and Discussion of the Political Ecology of Advanced Statistical and Geospatial Modeling. *Political Ecology Network: POLLEN* June 20, 2026
- 2025 *Social Media and Society. Panel Chair on Social Media, Local Voices, and Changing Narratives. *University of Michigan School of Information*. April 5th
- 2025 *Confronting Climate Coloniality: Decolonizing Pathways for Climate Justice. Panel and Discussion on the Confronting Climate Coloniality Book (Wiley, 2024). Annual Meeting of the *Association of American Geographers*. Detroit, MI, 25th

- March.
- 2025 *Transforming Food Systems for Climate Adaptation and Mitigation. Panel and Discussion at the Annual Meeting of the *Association of American Geographers*. Detroit, MI, 25 March.
- 2024 * Social Media Influencers and Society Conference – Panel Chair on Activism and Conflict. Conference and Panel at the *University of Michigan School of Information*. April 8th, 2024
- 2024 * African Studies Center 15th Anniversary Conference – Panel Chair on Climate Change, Conflict, and Social Media in Africa at the *University of Michigan*. April 6th, 2024
- 2023 * Index-Based Livestock Insurance Workshop – Deepening Knowledge and Capacity. *International Livestock Research Institute (ILRI)* and the University of Nairobi, 25-26th January, Nairobi, Kenya
- 2022 * U.S.-Africa Frontiers of Science, Engineering, and Medicine symposium, *National Academy of Science, Engineering, and Math* held in partnership with the *African Academy of Sciences*, 12th – 14th October, Nairobi, Kenya
- 2021 * Panel Workshop for the *National Academy of Science, Engineering, and Math* on “Advancing a Systems Approach to Studying the Earth: A Strategy for the National Science Foundation” 19th January, Remote
- 2019 *Panel Discussion on the film “Last Animals”, *Michigan Theater*. Ann Arbor, MI 21st June
- 2018 *Drylands and “New” Accumulations of Wealth. Second Biennial Conference of the Political Ecology Network (POLLEN) *Oslo and Akershus University College*, Oslo, Norway, 20-22 June
- 2017 *China in Africa: Environment, Sustainability, and Resource Extraction. *The University of Michigan*, Ann Arbor, April 12-14
- 2015 * Implementing Conservation. Workshop on the Social Dimensions of Conservation in Africa. *Ethiopian Biodiversity Institute*, Addis Ababa, Ethiopia, Nov. 29 – Dec. 9.
- 2015 * Health and Environment V: A Panel Discussion on Future Directions. Invited Panelist at the *Annual Meeting of the Association of American Geographers*, Chicago, IL. Apr. 24.
- 2012 * Preparing for postdocs and faculty positions. Guest panel for Graham Doctoral Fellowship Students, *Graham Environmental Sustainability Institute, University of Michigan*, Nov. 27.
- 2012 * Beyond the Ph.D. – Next Steps. Guest Panel for Ph.D. Students. *School of Natural Resources and Environment, University of Michigan*, Nov. 20.
- 2012 * Animal Geographies V: Animating Studies: Qualitative Methodologies and the

- Question of the Animal. Panelist at the *Annual Meeting of the Association of American Geographers*, New York, NY, Feb. 27.
- 2012 * Wangari Maathai: Environmental Justice and the Contributions of an Activist's Life. Panelist *Annual Meeting of the Association of American Geographers*, New York, NY, Feb. 28.
- 2010 † People, livestock and the environment I and II. Co-organizer of a special session at the *Annual Meeting of the Association of American Geographers*, Washington DC, Apr. 14.
- 2009 † Demystifying the post-doc: A workshop for graduate students. Internal workshop organized for the *Department of Geography, University of Wisconsin, Madison*, Oct. 15.
- 2009 * The Geography of Pastoral Mobility: Recent Evidence from the Maasai Mara National Reserve and Implications for Mara Conservancies. Panelist at the *Maasai Mara Conservancies Planning Workshop*. Koiyaki Guiding School, Kenya, Jul. 21 -22.
- 2009 * Linking broad assessments of environmental change with field research on local resource use, values, and decision-making. Panelist/discussant at the *Integrating geospatial and field-based science to assess biodiversity conservation: A special forum of women research leaders*. Land Tenure Center, University of Wisconsin, Madison, Apr. 3.
- 2008 * Environment and development: challenges in the field. Panelist at the *5th Annual Critical Geography Conference*. Ohio University, Athens, OH, Oct. 3 – 4.
- 2008 * Dynamic Ecological Simulation Model of Tsetse Transmitted Trypanosomoses in Kenya, under NIH Funding to *Michigan State University, Center for Global Change and Earth Observations*, Nairobi, Kenya, and East Lansing, MI: Apr.21 – 22.
- 2007 * The Institute for Teaching and Mentoring. Participant at the *Annual Meeting of the Compact for Faculty Diversity*. Arlington, VA, Oct. 24 – 28.
- 2007 * Fieldwork: physical and psychological challenges. Panelist at a special session at the *Annual Meeting of the Association of American Geographers*, San Francisco, CA, Apr. 19.
- 2007 * Building geography graduate student community: resources, tools, and strategies. Panelist at a special session at the *Annual Meeting of the Association of American Geographers*, San Francisco, CA, Apr. 19.
- 2007 * Positionality: differences of gender, race, ethnicity, and class. *Gender, Justice and Environmental Change: Methods and Application*. Panelist at an organized program at Michigan State Univ., East Lansing, MI, Apr. 12.
- 2005 * The Capabilities Approach to Poverty Reduction. *The International Conference and Workshop on Ethics and Development was organized at Michigan State Univ.,*

- Apr. 11-13.
- 2004 * Positionality: differences of gender, race, ethnicity, and class. *Gender, Justice and Environmental Change: Methods and Application*. Panelist at an organized program at Michigan State Univ., East Lansing, MI, Apr. 12.
- 2003 * Understanding the state of the Mara-Serengeti Ecosystem. Panelist at the *Maasai Mara Synthesis Workshop*. International Livestock Research Institute, Nairobi, Kenya, Nov. 14.
- 2002 * Fieldwork: the unspoken dimensions. Panelist at the *Women and International Development (WID)* program of the International Studies and Programs at Michigan State Univ., East Lansing, MI, Apr. 18.

CONFERENCE PRESENTATIONS (* PUBLISHED ABSTRACTS, †PRESENTING AUTHOR)

- 2025 Digital Geographies of Surveillance: Enforcement Practices and Segregation in African Wildlife Conservation. 4th Digital Geographies Conference on Artificial Geographies: Opening the Black Box for a New Wave of Critical Thinking. November 3-4, IGOT – *University of Lisbon, Portugal*
- 2025 When Animals Don't Cooperate with Scientists: Dissecting People-Environment-Policy Relationships in Dryland East Africa at the *University of Michigan Science, Technology, and Society Program 25th Anniversary Conference*, 14 March. Ann Arbor, MI
- 2023 Conserving Rhino to Extinction: Understanding 'success' in Rhino conservation in Kenya at the *Annual Meeting of the Association of American Geographers* (with Ph.D. student Marlotte de Jong). March 8, Denver, CO.
- 2023 Buying the Dead, Burying the Poor: Climate Change and Drought Coping in East Africa at the *Annual Meeting of the Association of American Geographers*. March 8, Denver, CO.
- 2020 Drylands, Wealth and Security. Third Biennial Conference of the Political Ecology Network (POLLEN) at the *University of Sussex*, 22 September 2020. Presentation delivered remotely via Zoom during COVID-19
- 2018 Securitization, Militancy, and Accumulation in the Frontier: Conservation in Arid Lands. Drylands and "New" Accumulations of Wealth. Second Biennial Conference of the Political Ecology Network (POLLEN) at the *Oslo and Akershus University College*. 21 June Oslo, Norway
- 2018 Mountain Violence: Climbing Adventures and Glacial Retreat in Equatorial Alpine East Africa. *Annual Meeting of the Association of American Geographers*. Apr. 11, New Orleans, LA.
- 2017 Spaces of (In)Security and Development at the Frontier: LAPSSET Project and

- Lamu Port. *UM-China Conference: Infrastructure, Resource Extraction, and Environmental Sustainability*. Apr. 7 Ann Arbor, MI.
- 2016 Old Ports, New Ports: A Critical Political Ecology of Infrastructure Development in Lamu, Kenya. *Annual Meeting of the African Studies Association*. Dec.1, Washington, DC.
- 2016 New Securities and Technologies of Surveillance: The Case of Livestock Grazing in African Protected Areas. *Science / Technology / Security: Challenges to Global Governance? Global Governance Institute, University College London*, Jun. 20, London, United Kingdom.
- 2015 * From Enclosure to Commons, or “Where Will the Cows Go”? State Protected Areas, Private Conservancies, and the New Pastoral Commons in Kenya. Session on African Environment and Development II: The Commons and the State. *Annual Meeting of the African Studies Association*. Nov. 20, San Diego, CA.
- 2015 *† Degrees of Freedom and the Politics of Arid Rangelands: Enclosures and Inference in the Geographies of Science (with G. Allington). Session on Geographies of Science. *Annual Meeting of the Association of American Geographers*. Apr. 21, Chicago, IL.
- 2014 *† Mobilities of Pastoral Cattle - Does Herd Size Matter? Recent Case Study Evidence Combining MODIS NDVI and GPS Collars. Session on Geographies of Mobility VI: Methodological Developments. *Annual Meeting of the Association of American Geographers*. Apr. 8, Tampa, FL.
- 2013 *† Competing Spaces of Extraction: Protected Areas, Pastoralism and Capital Accumulation by Dispossession in Dryland Regions of East Africa. Session on Politics of Dispossession: Contested Resources and the Production of Place in Africa. *Annual Meeting of the Anthropological Association of America*. Nov. 21, Chicago, IL
- 2013 Unintended Consequences of Technology in Development: A Cross-Sectional Analysis. Poster session MCubed Research Symposium. *The University of Michigan*. Nov. 15, Ann Arbor, MI.
- 2013 *† The Political Ecology of Livestock Incursions into Protected Areas: Technology, Place and Socio-Ecological Dynamics in East Africa. Organized session on ‘Conservation and Coloniality: Postcolonial Environments and Decolonial Developments 1’. *Dimensions of Political Ecology: conference on nature/society*. Mar. 1, Lexington, KY.
- 2012 *† Neoliberal Discourses of Conservation and Development in Kenya’s Arid Lands. Organized a session on ‘Humanitarianism and Human Rights: Conceptualizing Development, Security, and Justice in Africa.’ *Annual Meeting of the African Studies Association*. Dec. 1, Philadelphia, PA.

- 2012 *+Clarifying Competition: The Case of Wildlife and Pastoral Livestock in East Africa. Organized a session on 'Animal Geographies 1: Geographies of Wildlife'. *Annual Meeting of the Association of American Geographers*. Feb. 27, New York, NY.
- 2011 *+Herding by cell phone: Technology, social networks and the transformation of pastoral herding in East Africa. Organized a session on 'Human Resiliency for Sustainability'. *Annual Meeting of the African Studies Association*. Nov.17, Washington, DC.
- 2011 *+Scaling thresholds, pastoral livestock mobility, and seasonal access to forage resources in semi-arid West Africa. Space-Time Symposium on 'Species Movement & Migration Modeling'. *Annual Meeting of the Association of American Geographers*. Apr. 19, Seattle, WA.
- 2010 *+Place, identity and the commodification of nature: the making of conservation conflicts in East Africa. Organized a session on 'Dimensions of Conflict, Environmental Change, and Resource Management'. *Annual Meeting of the African Studies Association*. Nov. 15, San Francisco, CA.
- 2010 *+ The trouble with 'savanna', particularly in Africa (with Chris Duvall). *17th Annual Mini-Conference on Critical Geography*. Nov. 15, Milwaukee, WI.
- 2010 *+ Pastoral resource access and utilization in southern Kenya. *Annual Meeting of the Association of American Geographers*. Apr. 10, Washington, DC.
- 2009 *+ Underneath the Acacia tree: disseminating nature-society research amongst Maasai pastoralists in Kenya. *Annual Meeting of the Association of American Geographers*. Mar. 4, Las Vegas, NV.
- 2008 *+ Spatio-temporal variability of Maasai pastoral cattle activities on vegetation in Kenya. *Annual Meeting of the Association of American Geographers*. Apr. 19 Boston, MA.
- 2007 *+ Grazing on the edge: Pastoral livestock movements and the etiology of grazing conflicts around protected areas in southern Kenya. *Annual Meeting of the Association of American Geographers*. Apr. 4, San Francisco, CA.
- 2002 *+ Seasonal factors influencing livestock herding strategies in the Talek area, Narok District, Kenya: A political ecology perspective. *Annual Meeting of the Association of American Geographers*. Mar. 5, Los Angeles, CA.
- 1999 *+Examining error, accuracy, and precision using Global Positioning Systems and Digital Ortho Quarter Quads. *Southeast Division of the Association of American Geographers*. Nov. 4, Memphis, TN.
- 1998 *+Land use competition and conflict in Kenya's Amboseli basin. *Southeast Division of the Association of American Geographers*. Nov. 6, Birmingham, AL.

INTERNAL INVITED LECTURES AND SEMINARS († STUDENT SELECTED)

- 2026 †Health Equity and Voices from the Field, *National Arab American Medical Association (NAAMA)*, *Next-Gen* podcast series highlighting leaders across medicine, public health, and related fields.
- 2025 †Environmental Advising and Graduate Advancement. *SEAS Next-Gen Scholars*.
- 2023 †Climate Change & National Security. *Michigan Foreign Policy Council*, Dec. 7.
- 2019-2025 †Environmental Geopolitics and the Ivory Poaching Crisis. “Environmental Politics” 2022 (AAS432), *University of Michigan*, Nov. 17.
- 2017 †People and Protected Areas in East Africa: Past, Present, and What Future? “Environmental Governance and Decision-Making” (EAS 510), *University of Michigan*, Dec. 4.
- 2017 †The Political Ecology of Livestock Incursions into Protected Areas. Department of Afro-American and African Studies (DAAS). “Museums, Heritage, and National Parks in Africa” (AAS 206), *University of Michigan*, Feb. 21.
- 2016 †Neoliberalism, Conservation, and Dispossession in Kenya’s Arid Lands. Department of Afro-American and African Studies (DAAS) Pro-seminar in African Studies. *University of Michigan*, Feb. 10.
- 2015 †Gender, Environment & Development: Evidence from Gambia and Kenya. Transnational Human Rights Formations and New Sovereignties, *University of Michigan*, Oct. 27
- 2015 †Conservation, Human Rights and Dispossession in Kenya’s Arid Lands. Introduction to Environmental Politics: Race, Class and Gender, *University of Michigan*, Oct. 27
- 2015 †The Continuing Age of Environmental Securitization: Ivory, Poaching, and Terrorism. Conservation Ecology Seminar Series. *University of Michigan* Oct. 1
- 2014 Conservation, Human Rights and Dispossession in Kenya’s Arid Lands. Afro-American and African Studies Department. *University of Michigan* Nov. 11
- 2014 Unintended Consequences of Technology in Development: A Cross-Sectional Analysis (with O. Adunbi and J. Pal). MCubed Research Symposium (Cubes in the Spotlight). *University of Michigan* Oct. 9
- 2014 †The Rise of Private Conservation: Conservation Success Story or More of the Same? Conservation Ecology Seminar Series. *University of Michigan*, Sept. 26
- 2014 The Politics and Ecology of Incursions in Protected Areas. *Michigan State University, Department of Zoology* (Behavioral Ecology of African Mammals Class). Maasai Mara, Kenya, May 28
- 2013 Cell and Self: New Directions for Social Science Research. *Annual Institute for Social Science Research* Ann Arbor, MI, Apr. 27
- 2013 †Alternative Perspectives on Ecosystems Services. Student Research Group on

- Landscape and Inequality Working Group, School of Natural Resources and Environment, *University of Michigan*, Mar. 19
- 2013 Conservation, Human Rights and Dispossession: Transnational Actors and Local Activisms in Kenya's Arid Lands. International Studies Advanced Seminar on Humanitarianism and Human Rights "Fighting with Human Rights" *University of Michigan*, Mar. 14
- 2013 Neoliberalism, Conservation, and Dispossession in Kenya's Arid Lands. Department of Afro-American and African Studies (DAAS) Pro-seminar in African Studies. *University of Michigan*, Feb. 20
- 2012 People, parks, and the social construction of nature in East Africa. Alumni Association of the *University of Michigan*, Feb. 17
- 2011 Clarifying the Competing Narratives of Environmental Change around Protected Areas in East Africa: Recent Evidence from the Maasai Mara, Kenya. African Studies Center, *University of Wisconsin, Madison*, Mar. 30
- 2010 Grazing on the Edge: Pastoralism, Protected Areas and Environmental Change in Southern Kenya. School of Natural Resources and the Environment, *University of Michigan*, Dec. 9
- 2009 Identity, Power, and Conflict: Conservation Abuses and Essentialist 'Nature' In the East African Rangelands. Department of Geography, *University of Wisconsin, Madison*, Nov 6
- 2007 Data Collection, Structuring, and Statistical Analysis. Graduate Seminar in Research Design (GEO 886). *Michigan State University*, Spring 2007
- 2006 Conservation and development in four parts: examples from southern Kenya. Interdisciplinary Studies in Social Science: Africa perspectives (ISS 330A). *Michigan State University*, Fall 2006
- 2006 Pastoralism, overgrazing, and conservation: dialogues, debates, and ways forward. Behavioral Ecology of African Mammals (Study abroad course in Kenya). *Michigan State University*, Summer 2006
- 2005 Here be dragons: demystifying the Dark Continent and the black man's burden. World regional geography (GEO 204). *Michigan State University*, Spring 2005
- 2004 Roleplaying simulations to understand decision-making strategies of conservation and development. Geography of Environment and Development (GEO 492). *Michigan State University*, Fall 2004
- 2004 Understanding human-environment relationships in East Africa using geospatial technologies. Introduction to Geographic Information Systems (GEO 221). *Michigan State University*, Fall 2004
- 2004 People, Parks and Development in East Africa in four parts. Interdisciplinary Studies in Social Science: Africa perspectives (ISS 330A). *Michigan State University*,

2000 Fall 2004
 Competition and conflict around national parks in Kenya. Geography of Africa
 (GEO 338). *Michigan State University, Fall 2000*

TEACHING EXPERIENCE

	Course	Institution	Semesters Taught	Students/ semester
Primary Instructor	EAS 501.123: Env Data Justice	Univ. of Michigan	1	21
	EAS 630: Preparing for Int. Fieldwork	Univ. of Michigan	9	55
	EAS 542: Cons & Development	Univ. of Michigan	8	23-22
	EAS 577: Pol. Eco & Env Conflict	Univ. of Michigan	13	11-41
	NRE677.123: Adv Seminar: Poaching, Ivory & War	Univ. of Michigan	1	9
	NRE 677.123: Adv Seminar: Climate Change & Conflict	Univ. of Michigan	4	10
	NRE 510: Env Gov & Dec Making	Univ. of Michigan	4	145
	ENVIRON 300: Cons & Dev: Fieldwork in Kenya	Univ. of Michigan & Univ. of Nairobi	2	15
	GEO 139: Resources and People	Univ. of Wis, Madison	1	87
	GEO 338: Geography of Africa	Michigan State Univ.	1	50
Lab Instructor	GEO 204: World Reg. Geography	Michigan State Univ.	3	100+
	Wildlife Ecology & Conservation	Sch. for Int Train. (TZ)	1	22
Lab Instructor	GEO 424: Adv. Remote Sensing	Michigan State Univ.	1	26
	GEO 425: Adv. GIS	Michigan State Univ.	1	16
Teaching Assistant	GEO 463: Quantitative Methods	Michigan State Univ.	1	40
	GEO 336: Geography of Europe	Michigan State Univ.	1	45
	GEO 333: Geography of Michigan	Michigan State Univ.	1	100+
	GEO 113: Economic Geography	Michigan State Univ.	1	54
	ISS 310: People & the Environment	Michigan State Univ.	2	100+
	ISS 315: Global Div & Int	Michigan State Univ.	1	100+
	GEO 210: Intro. to Physical Geo	E Kentucky Univ.	3	25
	GEO 353: Geo. Info. Systems	E Kentucky Univ.	2	24

TEACHING EVALUATIONS

Year	Semester	Course Number	Course Title	Average Score*
2026	Winter	630	*Preparing for International Fieldwork	5.0/5.0
2025	Fall	EAS 577	*Political Ecology	5.0/5.0
2025	Fall	EAS 501.123	*Environmental Data Justice	4.8/5.0
2025	Winter	EAS 630	*Preparing for International Fieldwork	4.9/5.0
2025	Winter	EAS (501)542	*Conservation and Development	5.0/5.0

2023	Fall	EAS 841	*Ph.D. Research Seminar	4.9/5.0
2023	Fall	EAS 542	*Conservation and Development	4.7/5.0
2023	Fall	EAS 577	*Political Ecology I: Environmental Violence	4.7/5.0
2023	Winter	EAS 630	*Preparing for International Fieldwork	4.8/5.0
2022	Fall	EAS 577	*Political Ecology I: Environmental Violence	4.7/5.0
2022	Fall	EAS 542	*Conservation and Development	4.9/5.0
2022	Winter	EAS 677.123	*Critical Environmental Geopolitics	5.0/5.0
2021	Fall	EAS 542	*Conservation and Development	4.9/5.0
2020	Fall	EAS 577	*Political Ecology I: Environmental Violence	4.8/5.0
2020	Fall	EAS 542	*Conservation & Development	4.8/5.0
2020	Winter	EAS 630	*Preparing for International Fieldwork	4.9/5.0
2019	Fall	EAS 542	*Conservation & Development	4.9/5.0
2019	Fall	EAS 577	*Political Ecology, Env Security & Conflict	4.9/5.0
2018	Winter	EAS 630	*Preparing for International Fieldwork	4.9/5.0
2017	Fall	EAS 577	*Political Ecology, Env Security & Conflict	4.9/5.0
2017	Fall	NRE 542	*Conservation and Development	4.9/5.0
2017	Winter	NRE 677.123	*Seminar: Climate Change & Conflict	5.0/5.0
2016	Fall	NRE 542	*Conservation and Development	4.9/5.0
2016	Fall	NRE 577	*Political Ecology, Enviro Security & Conflict	4.8/5.0
2015	Fall	NRE 510A	*Env Governance & Decision Making	4.4/5.0
2015	Fall	NRE 677.123	*Seminar: Poaching, Technology, and War	4.9/5.0
2014	Fall	NRE 677.123	*Seminar: Climate Change & Conflict	4.9/5.0
2014	Fall	NRE 510A	*Enviro Governance & Decision Making	4.1/5.0
2013	Fall	NRE 577	*Political Ecology, Enviro Security & Conflict	4.9/5.0
2013	Fall	NRE 677.123	*Seminar: Climate Change & Conflict	4.9/5.0
2013	Fall	NRE 510A	*Enviro Governance & Decision Making	4.6/5.0
2012	Fall	NRE 510A	*Enviro Governance & Decision Making	4.1/5.0
2012	Fall	NRE 577	*Political Ecology, Enviro Security & Conflict	4.9/5.0
2012	Winter	ENVIR 300	*Cons & Dev in Cultural Landscapes	4.8/5.0
2011	Fall	NRE 577	*Political Ecology, Enviro Security & Conflict	4.7/5.0
2011	Spring	GEO 139	**Resources and People	4.2/5.0
2007	Fall	GEO 338	***Geography of Africa	4.6/5.0
2007	Spring	GEO 424	***Advanced Remote Sensing	3.5/5.0
2004	Spring	GEO 425	***Advanced Geographic Information Systems	3.8/5.0
2004	Fall	GEO 221	***Introduction to Geographic Information Systems	4.2/5.0

***Michigan State University **University of Wisconsin, Madison *University of Michigan

* Scores are the average of between 6 and 23 questions related to course content, organization, explanation, and instructor effectiveness (5 reflects higher scores,1 reflects lower scores)

ONLINE MOOCS

- 2021 **Butt, B.** *Conservation and Sustainable Development*. MOOC on Sustainability and Development, part of the SEAS Masters Track Certificate and Academic Innovation. Available online at www.coursera.com. Approximately 22,000+ learners and 7,400+ completed
- 2020 **Butt, B.** *Biodiversity Loss, and Ecosystem Degradation*. MOOC on Sustainability and Development through Academic Innovation, University of Michigan. Available online at: www.coursera.com

TEACHING* & LEADERSHIP SEMINARS ATTENDED (*At The University of Michigan's Center for Research, Teaching, And Learning, Unless Otherwise Noted).

- 2025 What Should I Do? A Four-Step Process for Supporting Students Experiencing Distress
- 2024 Communicating Expectations at the Beginning of the Semester
- 2023 Developing a Plan for Addressing GenAI Writing Tools in Your Classroom
- 2023 GPT And Me: A New Era of Teaching, Research, and Automation
- 2022 Mentoring in Graduate Student Mental Health
- 2021 Equity in Higher Education: What's Assessment Got to Do with It?
- 2020 Principles & Practices of Anti-Racist Pedagogy
- 2019 Mentoring Plans Workshops: Relationships Between Student and Faculty Advisor
- 2019 Applying Principles of Transparency in Classroom Discussions.
- 2018 Unconscious Bias in Everyday Life: Perceptions, Decisions, And Interactions.
- 2017 Faculty Recruitment Workshops & STRIDE: Strategies and Tactics for Recruiting to Improve Diversity and Excellence for Future Faculty
- 2017 Leadership and Integration in Faculty Transitions: Faculty Career Life Cycle and Its Transitions
- 2017 Campus Climate in Your Classroom: Responding to Student Micro-Aggressions
- 2017 Implementing Inclusive Teaching Principles in Your Courses
- 2016 Making the Most of Hot Moments in The Classroom: Sudden Eruption of Tension or Conflict
- 2016 Gameful Pedagogy: What Is It and How Might You Use It?
- 2015 How Can Emerging Digital Scholarship Tools Inspire Your Teaching?
- 2014 Teaching with Technology: How Can I Include All Students?
- 2013 Teaching in A "Flipped Classroom"

TEACHING GRANTS

- 2014 *School of Natural Resources and Environment, University of Michigan*
Dean's Discretionary Grant on Alternative Pedagogies for Understanding

- 2013 Differences in Environmental Security Narratives, US\$9,000
School of Natural Resources and Environment, University of Michigan
 Dean's Discretionary Grant on Alternative Pedagogies for Understanding
 Differences in Environmental Security Narratives, US\$5,000

STUDENT EXPERIENTIAL LEARNING ACTIVITIES

- 2015 Co-taught an eleven-day field training course in Ethiopia on "[Conservation Implementation](#)" as part of the [Biodiversity Informatics Training Curriculum](#) (funded through JRS Biodiversity Foundation). Training of 18 African professionals from Malawi, Benin, Kenya, Ethiopia, Cameroon, Egypt, Uganda, Kenya, and Liberia.
- 2014 Field trip with [nine University of Michigan graduate students for NRE 677.123 to meet policymakers at the United Nations Environment Program](#) (Regional Office for North America), Woodrow Wilson Center, Environmental Law Institute, World Wildlife Fund, Stimson Center, Forest Trends, and other organizations in Washington DC on the topic of climate change and conflict
- 2013 Field trip with seven University of Michigan graduate students for NRE 677.123 to meet policymakers at the United Nations Environment Program (Regional Office for North America), Woodrow Wilson Center, Environmental Law Institute, World Wildlife Fund, and other organizations in Washington, DC on the topic of climate change and conflict.
- 2013 Summer field class (AAS 468) for 12 University of Michigan undergraduates in Kenya on the topic of conservation and development in cultural landscapes in Narok and Laikipia Counties
- 2012 Summer field class (ENVIRO 300) for 16 University of Michigan undergraduates in Kenya on the topic of conservation and development in cultural landscapes in Narok and Laikipia Counties

ADVISING, MENTORING & SUPERVISION (§ - COMPLETED)

Postdocs

- 2025 Melvin Obadha, Ph.D.
 2025 Marlotte de Jong, Ph.D.
 2024 §Sarah Caroll, Ph.D. (currently Director, Great Plains Science Program, Smithsonian Institute)
 2022 §Wenjing Xu, Ph.D. (current Assistant Professor, University of Massachusetts, Amherst)
 2019 §John Mullen, Ph.D. (currently Assistant Professor, Rowan University)
 2019 §Philile Mbatha, Ph.D. (currently Lecturer, University of Cape Town)

Ph.D. Committee Chair or *co-Chair (*At University of Michigan, unless otherwise noted)

Hana Manjusak (PhD 2028) Awards

2026	The Samuel Trask Dana Award, SEAS
2026	The Environmental Justice Award for Outstanding Scholarship, SEAS
2026	Robert J. Donia Graduate Student Fellowship, Donia Center for Human Rights
2026	Weiser Center for Europe and Eurasia (WCEE) Release Peace Fellowship.
2026	Rackham Doctoral Intern Fellowship Program with the Stockholm International Peace Research Institute (SIPRI), Sweden.
2025	US Department of Education: Foreign Language and Area Studies Fellowship
2025	Center for Russian, East European, & Eurasian Studies (CREES)
2024	US Department of Education: Foreign Language and Area Studies Fellowship
2024	Center for Russian, East European, & Eurasian Studies (CREES)
2024	William A. and Shirley P. Yolles Graduate Fund for Research on Humanitarianism

§Ember McCoy (PhD 2025) Awards

2024	Rackham Graduate School Outstanding Graduate Student Instructor Award
2023	Rackham Conference Travel Grant
2023	Ayers-Brinser Award for Excellence in Doctoral Study of Environmental Policy
2023	Rackham Conference Travel Grant
2023	Detroit Sustainability Clinic Grant
2022	Rosina A. Bierbaum Award in Climate Adaptation and Mitigation
2022	Rackham Professional Development Grant
2022	Outstanding Advisor Award Nominee
2021	Courtney Wilson Award for exemplifying kind compassion and deep commitment to addressing critical environmental issues
2021	Charles Lathrop Pack Foundation Award
2021	Sussman Internship Funding
2021	NSF Doctoral Dissertation Research Improvement Grant
2020	Shapiro Design Lab Community and Citizen Science Fellowship
2020	Program in Public Scholarship Engaged Pedagogy Initiative Fellowship
2017	SEAS Environmental Justice Award for Outstanding Scholarship
2017	Rackham Graduate Student Research Grant
2017	Flint Action Fund

§Marlotte de Jong (PhD 2025) Awards

2024	Jonathan Bulkley Water Prize for outstanding students who are developing innovative solutions for managing water resources on a more sustainable basis.
2024	The Christine Mirzayan Science and Technology Policy Graduate Fellowship, National Academies of Sciences, Engineering, and Medicine
2024	Best Paper Award, Human Dimensions of Global Change (HDGC), Association

of American Geographers (AAG)

2024 Rackham Doctoral Intern Fellowship Program with the African Studies Center

2023 African Studies Center Research Grant

2022 African Studies Center Research Grant

2021 Fulbright-Hays Doctoral Dissertation Research Abroad (DDRA) Fellowship, US Department of Education

2021 African Studies Center Summer Research Grant

2021 Rosina M. Bierbaum Award in Climate Adaptation and Mitigation

2020 Marshall Weinberg Population, Development and Climate Change Fellowship, Weinberg Institute

2020 Department of Afro-American and African Studies South African Initiative Grant

2020 Environmental Justice Award for Outstanding Scholarship

2019 Nominated for Outstanding Graduate Student Instructor Award

2018 Travel grant, Horace H. Rackham School of Graduate Studies

2018 Research grant, Horace H. Rackham School of Graduate Studies

2018 Michigan Sustainability Case Funding

Ph.D. Committee Member* (*At School for Environment and Sustainability, University of Michigan)

2025 Hilary Huckins-Weidner, Taubman College of Architecture and Urban Planning

2025 Eunsoo Hyun, Taubman College of Architecture and Urban Planning (A.P. Pimentel Walker, Chair)

2023-2025 §Deepika Ganesh (R. Hardin, Chair)

2023-2025 Olivia David, (S. Hughes, Chair)

2022 §K. Malulani Castro (K. Whyte, Chair)

2022 §Shahram Abbas (K. Whyte, Chair)

2018 §Kristen Connor, Anthropology & History (D. Peterson, Chair): Knowledge in high places: labor and the scientific industry in western Uganda, 1860-1970 (Currently at University of Coimbra, Portugal)

2017 §Katherine Brown (M.C. Lemos, Chair). Advancing Equity in International Climate Finance: New Approaches to Informal Institutions and Power (Currently at Stockholm Environment Institute)

2017 §Hayden Hedman (J. Eisenberg/J. Foufopolous Co-Chair). Don't Count Your Eggs Before They Hatch: A "One Health" Investigation of Antimicrobial Resistance at the Intersection of Small-Scale Agricultural Development and Global Health in Northwestern Ecuador (currently ORISE Fellow)

2013 §Carolina Simao Roe-Raymond (I. Perfecto, Chair). Landscape Effects on Bees and Food Production (currently at Princeton University)

2012 §Joshua Cousins (J. Newell, Chair). Capturing Flow: Stormwater Governance and Water Resource Development in Chicago and Los Angeles

2011 §Baruani Mshale (R. Hardin, Chair). Governing Forests in a Carbon Challenged World: Learning from REDD+ in Tanzania. (Currently at Twaweza East Africa).

MSc Thesis Primary Advisor (current position)

- 2023 §Jessica Silber-Bryne (Building Decarbonization Coalition): Coexistence, Competition, and Contradiction: Synthesizing Recent Evidence on Wildlife-Livestock Relationships in East Africa
- 2022 §Meghna Patnaik: Indian Agritech: Boom or Bust for the Smallholder Farmer
- 2021 §Roshan Krishnan (UIUC Climate Jobs Institute): “The Gasoline of the Future:” Electric Vehicles, Points of Continuity, and Making Green Capitalism
- 2018 §Saachi Kuwayama (Environmental Defense Fund): Protesting on Behalf: Constructing Legitimacy in Water Movements
- 2018 §Marlotte de Jong (Postdoc, UM SEAS): Constructing the Poacher: Narratives of Blame in Ivory Poaching
- 2016 §Claire Poelking (MacArthur Foundation): The New Shepherd: A Paradigm Shift in an Age-Old Tradition
- 2016 §Amanda Kaminsky (Ph.D. student, UM Anthropology): The Chinese Safari: A New Tourist Gaze in Kenya’s Tourism Industry
- 2014 §Cara Steger (US Fish and Wildlife Service): Safari Science: Testing the Feasibility and Reliability of Tourists as Citizen Scientists in East African Protected Areas

MSc Masters Practicum Advisor

- 2026 Ariza Nanji, Philanthropy and Development at the Aga Khan Foundation.
- 2022 §Evan Klasky (current Ph.D. student, University of Minnesota): Milking Welfare: *Bovis Sacer* and the Inclusive Thanatopolitics of the Digital Dairy Farm

MSc Thesis Committee Member

- 2013 §Anna Peschel (Don Zak, Advisor, currently PhD Student, University of Minnesota): Winter Foraging by Migratory Ungulates Modifies the Composition and Function of Soil Microbial Communities
- 2013 §Wan-Chih Cheng (Johannes Foufopoulos, Advisor): Impact of Livestock Grazing on Ecosystem Services in a Mediterranean Ecosystem
- 2013 §Erin O’Brien (Johannes Foufopoulos, Advisor): Vertebrate Community Responses to Livestock Grazing in an Ancient Mediterranean Rangeland System: Rethinking the Role of Grazing in Biodiversity Conservation
- 2011 §David O’Connor (Johannes Foufopoulos, Advisor): Foraging Ecologies of Giraffe and Camels in Northern Kenya: Effects of Habitat Structure and Possibilities for Competition?

Student Study Supervisor – MSc/MPH students

- 2025 Cooper Sykes
- 2025 Grace Feichter
- 2025 Ariza Nanji
- 2025 §Cheyenne Morris
- 2023 §Daniela Giordano
- 2022 §Maryam Syed

2019	§Isabella Bledsoe
2019	§Danielle Treibwasser
2019	§Bryan Redden
2018	§Nicholas Boucher
2016	§Priscila Papias
2015	§Izabela Osiniecka
2014	§Katherine Gregory
2013	§Meghan Cornwall

Student Study Supervisor – BS/BA

2022	§Ella Hook (PiTE)
2020	§Tiffany Raetzel (PiTE)
2019	§Hailey Pantaleo (PiTE)
2015	§Emily Gleichert (Independent Research Experience)
2014 – 2015	§Syeda Zaynab Mahmood (Undergraduate Research Opportunities Program Scholar)
2014	§Ellen Anderson (MCUBE Project)
2013 – 2015	§Audrey Chitkara (MCUBE Project)
2013 – 2014	§Cordi Craig (MCUBE Project)
2012 - 2013	§Zachary Petroni (Ford School of Public Policy) – Winner of the inaugural 2013-2014 Wallenberg Fellowship in Human Rights
2012-2013	§Jordan McHugh (Undergraduate Research Opportunities Program Scholar)
2012	§Tae Yoon (Engineering)
2011	§Meghan Cole (PiTE)

Fieldwork Supervisor

2018 – 2022	Marlotte De Jong (MS '19) – Fieldwork in various counties in Kenya
2016	Amanda Kaminsky (MS '17) – Fieldwork in Nairobi and Narok Counties, Kenya
2016	Claire Poelking (MS '17) – Fieldwork in Narok County, Kenya
2014	Jenny Cooper (MS/MBA '15) – Fieldwork in Narok County, Kenya
2013	Zachary Petroni (BA '13) – Fieldwork in Kilifi and Narok Counties, Kenya
2013	Cara Steger (MS '14) – Fieldwork in Narok County, Kenya
2012	Olivia Kramer (BS '12) – Fieldwork in Narok County, Kenya

RESEARCH GRANT PROPOSAL REVIEWER (> 100 PROPOSALS)

- 2023 – Present External Reviewer, European Research Council
- 2018 – Present Senior Advisory Panel, National Science Foundation
- 2011 – Present External Reviewer, National Science Foundation (multiple directorates)
- 2019 – Present External Review, Swiss National Science Foundation
- 2019 – Present External Reviewer, American Philosophical Society
- 2016 – Present External Reviewer - National Geographic Society
- 2017 – Present Internal Reviewer - University of Michigan, Office of Research

MANUSCRIPT REVIEWER (> 50 DIFFERENT JOURNALS)

Africa: Journal of the Intl Africa Institute
Animal Conservation
Biological Conservation
BioScience
BMC Public Health
BMC Veterinary Research
Conservation and Society
Conservation Biology
Development and Change
Disasters
Emerging Infectious Diseases
Energy Research & Social Sciences
Environment, Development, and Sustainability
Environment & Planning E: Nature and Space
Environmental Management
Food Policy
Forum for Development Studies
Frontiers in Ecology and Evolution
Geoforum
Geography and Sustainability
Globalization and Health
Human Ecology
Information Technologies & International
Development
International Journal of Applied Earth
Observation and Geoinformation
Journal of Arid Environments
Journal of Environmental Management
Journal of Peasant Studies
Journal of Political Ecology
Land Degradation & Development
Land Use Policy
Landscape and Urban Planning
McGill International Journal of Sustainable
Development Law & Policy
Organization & Environment
Oryx
Pastoralism: Research, Policy, Practice
PLoS One
Political Geography
Population and Environment
Proceedings of the National Academy of
Sciences
Progress in Physical Geography
Quaternary International
Rangeland Ecology and Management
Remote Sensing
Remote Sensing Applications: Society and
Environment
Remote Sensing of Environment
Ruminant Research
Social Science & Medicine
Society & Natural Resources
The Geographical Review
Wildlife Research
Women and International Development
Forum
World Development
Review Editor: Frontiers in Ecology and
Evolution.

BOOK PROPOSAL REVIEWER

2021 – Present Routledge Press
2019 – Present Springer Publishing
2020 – Present Taylor and Francis Publishing

EDITORIAL BOARDS

2019 – Present Human Ecology

2024 – 2026 Journal of Modern African Studies

TENURE AND PROMOTION PORTFOLIO REVIEWS

Cornell University

University of North Carolina, Chapel Hill

University of Arizona

SERVICE ACTIVITIES (INTERNAL* AT THE UNIVERSITY OF MICHIGAN UNLESS OTHERWISE NOTED)

2025 – Present *Schmidt AI in Science Advisory Committee*, Michigan Institute for Data and AI in Society (MIDAS)

2025 – Present *Academic Affairs Advisory Committee (AAAC)* to the Provost, Faculty Senate

2023 - Present *Executive Committee*, African Studies Center

2025 – 2026 *Scholarship Committee*, School for Environment and Sustainability

2025 *Lecturer Renewal Committee*, School for Environment and Sustainability

2024 *Faculty Search in Anti-Racism and Health Equity*, School for Environment and Sustainability

2024 *Lecturer Renewal Committee*, School for Environment and Sustainability

2024 *Third Year Assistant Professor Review*, Department of Afro-American and African Studies

2022 – 2025 *Presidents Postdoctoral Program Evaluation Committee*, Office of the Provost

2022 *Provost's Anti-Racism Hiring Committee*, Office of the Provost

2020 – 2021 *African Social Research Initiative (ASRI) Steering Committee*, African Studies Center

2019 – 2021 *Faculty Senate Representative*, School for Environment and Sustainability

2019 – 2020 *Diversity, Equity, and Inclusion Committee*, School for Environment and Sustainability

2019 – 2020 *Ph.D. Admissions Committee*, School for Environment and Sustainability

2018 – 2019 *Faculty Search Chair in Geovisualization*, School for Environment and Sustainability,

2017, 2014, & 2012 *Fulbright Selection Committee*, University of Michigan

2017 - 2018 *Grant Application Reviewer* for the International Institute's Student Fellowship Awards

2017 *Grant Application Reviewer* for ENVOY's Diversity Fellowships at the School of Natural Resources and Environment

- 2016 – 2018 & 2012 – 2013 *Field of Study Coordinator* for the Environmental Informatics track at the School of Natural Resources & Environment
- 2016 *Faculty Search Committee* (Member) for a Professor of Environmental Practice (Fisheries Science and Management)
- 2016 *Faculty Search Committee* (Co-Chair) for a Visiting Assistant Professor (Environmental Informatics)
- 2014 *Faculty Representative* (Member) for Concur Process Mapping as part of Administrative Service Transformation. School of Natural Resources and the University of Michigan
- 2013 – 2015 *Global Engagement Committee* (Member) for the School of Natural Resources & Environment
- 2013 – 2014 *Michigan Society of Fellows* (Reviewer) Applications to the School of Natural Resources & Environment
- 2012 – 2015 *Research Committee* (Member) for the School of Natural Resources & Environment, University of Michigan
- 2012 – 2013 *Field of Study Coordinator* for the Environmental Informatics track at the School of Natural Resources & Environment, University of Michigan
- 2013 *Faculty Search Committee* (Member) for a targeted opportunity search for the School of Natural Resources & Environment, University of Michigan
- 2006 – 2007 *Committee member* for the GIS and cartography new faculty hire at the Department of Geography, Michigan State University
- 2003 – 2004 *Committee member* and graduate student representative on the self-study document for the external review of the Department of Geography, Michigan State University
- 2002 – 2003 *Graduate student representative* to the faculty of the Department of Geography, Michigan State University
- 2000 – 2002 *Departmental representative* to the Council of Graduate Students (COGS), Michigan State University
- 1997 – 1998 *Student representative* to the Department of Geography and Planning, curriculum and academic practices committee, Eastern Kentucky University
- 1997 – 1999 *President* of Geography/Travel Club, Eastern Kentucky University

SERVICE ACTIVITIES (EXTERNAL)

- 2021 Resource Conflict Institute (RECONCILE) – Workshops on Commons, Commoning, and Social Change, particularly the Community Land Act
- 2020 Resource Conflict Institute (RECONCILE) – Seminars and Workshops on Climate Change and Conflict
- 2015 Environment Program (Chair) 58th Annual Meeting of the African Studies Association. November 19-22, San Diego, CA.

- 2013 Alumni Association Travel (Representative) and lecturer for the Southern Africa trip organized by the University of Michigan.
- 2012 Alumni Association Travel (Representative) and lecturer for the Tanzania safari trip organized by the University of Michigan.
- 2012–2013 Science Advisory Committee (Member), Mpala Research Center, Kenya.
University of Michigan Representative
- 2011 Advisor for an exhibition of Maasai culture and livelihood practices for the Seneca Park Zoo, Rochester, NY
- 2009 – 2010 Committee member for the Africa Specialty Group (ASG) of the Association of American Geographers (AAG) student paper award

MEDIA ACTIVITIES

- 2025 R. Krishnan and B. Butt. The Rift Podcast. '[Climate Change, Ecology, Politics, and Power](#)'. Aired on Oct 19 on WEFT 90.1 FM, Champaign, IL.
- 2025 Wandati, Z. '[Can Cattle and Wildlife Co-Exist in the Mara?](#)' Daily Nation, Kenya. Friday Posted 11 Apr
- 2025 Bragg, C. '[Livestock, Wildlife, and the Future of the Maasai Mara](#)'. Decoding Science. Africa Geographic. Posted 18 Feb
- 2024 Mupko, A. Mongabay: '[Can Cattle And Wildlife Co-Exist In The Maasai Mara? A Controversial Study Says Yes](#)'. Posted 5 Nov
- 2024 Science News: '[Cattle May Pose Little Threat To Iconic Wildlife In Kenya Park](#)'. Posted 10 Sep
- 2024 University of Michigan News: '[Cattle Raised By Maasai Pastoralists Aren't The Conservation Villains They've Been Made Out To Be](#)'. Posted Sept 9
- 2024 SEAS Community Highlights. '[SEAS PhD Students win Awards](#)'. Posted Apr 14
- 2023 Scholar Circle. '[Drought, Famine, and Conflict in the Horn of Africa](#)' Posted May 28
- 2017 NPR's Goats and Sodas Blog about Development: '[Hunger and Famine in African Drylands](#)' posted Jun 13
- 2016 SNRE Blog: '[Bilal Butt, Ming Xu receives NSF CAREER awards](#)'. Article about the recent NSF CAREER Grant.
- 2016 WCBN Radio Interview for "It's Hot in Here" – a weekly radio show on environmental issues on '[The Power Is Yours! Popular Environmental Narratives and the Legacy of Captain Planet](#)'. Airdate Feb5, 2016, 88.9 FM. Air Date Feb 5
- 2014 BBC Radio 4: Invited expert interview for BBC Radio 4's show "Shared Planet" on '[Wildlife and Drought in East Africa](#)'. Airdate December 2 (Monty Don, Producer)
- 2014 Newsweek Magazine: Interviewed for a story on the Politics of National Park

- Management in the Maasai Mara, Kenya. 8 Nov. Report not published (Elijah Wolfson, Reporter)
- 2013 SNRE Blog: [‘Beyond the Classroom: A Conversation with UNEP’](#). Article about an innovative pedagogical activity with graduate students, where we visited UNEP (United Nations Environment Programme) to discuss climate change and conflict. 21 Nov
- 2013 Alliances: [“A conversation with Dr. Bilal Butt”](#). Interview with Aneeth Hundle for ‘Alliances: Newsletter of the African Studies Center’. Winter 2013 No. 5, page 10
- 2013 University Record: Quote for an interview regarding Zachary Petroni – a student of mine who won the [inaugural Wallenberg fellowship](#). Story printed on May 6
- 2012 Stewards Magazine: Interview for a story on SNRE SEED grant funding for ‘Science, practice and public participation: Natural Resource Monitoring in African Protected Areas. Stewards is the newsletter for the School of Natural Resources and Environment at the University of Michigan
- 2011 WCBN Radio: Hour-long radio interview for WCBN’s environmental talk show 88.9 FM on [‘Environment, Information and Sustainable Development’](#). Airdate Nov 7
- 2011 American Public Media: Background research for Marketplace Radio on Famine and Drought Coping Strategies in the Horn of Africa (S. Tong, reporter). Report not aired
- 2009 CBS 60 Minutes: Background research for 60 Minutes on [‘Threats to the Great Migration’](#) (R. Peterson, Producer). Airdate Oct 04
- 2009 National Geographic: Background research for National Geographic News on [‘Wildlife and Drought in East Africa’](#) (N. Wadhams, Reporter). Press date Sep 21

RESEARCH COLLABORATORS & INSTITUTIONS

Institutions: Aga Khan University (Kenya), Institute of Primate Research (Kenya), Resource Conflict Institute (Kenya)

ACADEMIC MENTORS

Postdoctoral M. D. Turner (Advisor, UW - Madison)

Doctoral A. WinklerPrins (Advisor, Mich. State/Johns Hopkins), A. Shortridge (Mich. State), C. Duvall (Univ. of New Mexico), W. Derman (Mich. State/NORAGRIC), and R. Reid (International Livestock Research Institute/Colo. State Univ.)

Masters D. Campbell (deceased), A. WinklerPrins, B. Pigozzi (All Mich. State)

Bachelors D. Zurick (EKU)

PROFESSIONAL MEMBERSHIPS

American Association of University Professors (AAUP)
Association of American Geographers (AAG)
Anthropological Association of America (AAA)
African Studies Association (ASA)
Gamma Theta Upsilon (Epsilon Nu Chapter)

LANGUAGE PROFICIENCIES

English	Advanced
Kiswahili	Intermediate/Advanced
Punjabi	Intermediate
Urdu	Basic
Arabic	Basic
Maasai	Basic

FIRST AID

2024 American Red Cross Adult First Aid, CPR and AED. Valid until 5/8/2026