

L. JEN SHAFFER, Ph.D.
Curriculum Vitae

Notarization. I have read the following and certify that this *curriculum vitae* is a current and accurate statement of my professional record.

Signature

Date 7 February 2025

Laura Jean (Jen) Shaffer

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[Google Scholar Profile](https://scholar.google.com/citations?hl=en&user=xQVyfk0AAAAJ): <https://scholar.google.com/citations?hl=en&user=xQVyfk0AAAAJ>

Languages: English (Native); Spanish (Full Professional); Portuguese (Limited Working)

PROFESSIONAL EXPERIENCE

2024 – 2025	Extension Agent IV, Community Development Program Extension & Outreach Services, University of Guam, Mangilao, GU
2024 - date	Affiliate Associate Professor Department of Environmental Science & Technology, University of Maryland College Park, MD
2022 – date	Associate Professor of Anthropology Department of Anthropology, University of Maryland College Park, MD
2012 – 2022	Assistant Professor of Anthropology Department of Anthropology, University of Maryland College Park, MD
2010 – 2011	Postdoctoral Scholar Department of Geography, Pennsylvania State University, State College, PA
2010	Adjunct Online Instructor College of Science & Technology, American Public University System
2007 – 2009	Fulbright Fellow & Visiting Research Scientist Universidade Eduardo Mondlane & Reserva Especial de Maputo, Mozambique
2005	Principal Investigator, Historic Wildlife Trade in Portuguese East Africa Arquivo Histórico Ultramarino, Lisbon, Portugal
2004	Co-Investigator Shifting Marine Baselines Project Marine Conservation Institute, Suva, Fiji
2003 – 2005	Graduate Research & Teaching Assistant Department of Anthropology, University of Georgia, Athens, GA
2001 – 2002	Adjunct Instructor Department of Biology, Houston Community College, Houston, TX
1999 – 2001	Environmental Science and Biology Teacher

EDUCATION

2009 Ph.D. Anthropology

University of Georgia, Athens, GA

Dissertation: Human-Environment Interactions on a Coastal Forest-Savanna Mosaic in Southern Mozambique

Advisor: Dr. Theodore L. Gragson

1999 M.S. Environmental Studies (Biology; Geography; Planning, Public Policy & Management)

University of Oregon, Eugene, OR

Thesis: Wetland Compensatory Mitigation In The Coos River Watershed Of Southwestern Oregon: What Success Has Mitigation Had?

Advisors: Dr. Dennis Todd & Dr. Jan Hodder

1994 B.S. Biology (Ecology & Systematics), cum laude

Cornell University, Ithaca, NY

Honors Thesis: *Calanus glacialis* and *Calanus finmarchicus* copepodite size distributions as an indicator of co-occurrence and water origin in the Gulf of Maine

Advisors: Dr. C. Drew Harvell & Dr. Charles H. Greene

RESEARCH PUBLICATIONS, PRESENTATIONS, & PROPOSALS

Peer-Reviewed Articles

**indicates student advisee*

- 2024 Staggs, J*, JA Drew, and **LJ Shaffer**. Labor archetypes in industrial transitions: A case study comparison of Yankee whaling and Gulf wind energy in the United States. *Energy Research & Social Science* 113: 103535. DOI:10.1016/j.erss.2024.103535.
- 2022 Krüger, S, A Botha, W Bowerman, B Coverdale, ML Gore, L Van Den Heever, **LJ Shaffer**, H Smit-Robinson, LJ Thompson, and MA Ottinger. Old-world vultures reflect effects of environmental pollutants through human encroachment. *Environmental Toxicology & Chemistry* 41(7): 1586-1603. DOI:10.1002/etc.5358
- 2022 **Shaffer, LJ**, JG Hurst, S Johnston, T Barron, WW Bowerman, S Kruger, LJ Thompson, and MA Ottinger. Urban nesting of Black Vultures in Houston, Texas, USA. *Urban Naturalist Notes* 2: 1-6.
- 2021 Thompson, LJ, SC Krüger, BM Coverdale, MA Ottinger, **LJ Shaffer**, MA Ottinger, JP Davies, C Daboné, M Kibuule, SI Cherkaoui, RA Garbett, WL Phipps, ER Buechley, A Godino Ruiz, M Lecoq, C Carneiro, RM Harrell, ML Gore, and WW Bowerman. Assessing African vultures as avian biomonitors and umbrella species. *Frontiers in Conservation Science* 2: 729025. DOI:10.3389/fcosc.2021.729025
- 2021 Yee, N*, **LJ Shaffer**, ML Gore, W Bowerman, and RL Harrell. Expert perceptions of vulture conservationists in South Africa and Kenya: implications for overcoming ethical decision-making dilemmas. *Journal of Raptor Research* 55(3): 359-373. DOI:10.3356/JRR-20-39.
- 2021 Ottinger, MA, A Botha, R Buij, B Coverdale, ML Gore, RM Harrell, J Hassell, S Krüger, CJW McClure, J Mullinax, **LJ Shaffer**, H Smit-Robinson, LJ Thompson, L van den Heever, and WW Bowerman. A strategy for conserving Old World vulture populations in

- the framework of One Health. *Journal of Raptor Research* 55(3): 374-387.
DOI:10.3356/JRR-20-98.
- 2021 Michaelis, AK*, WC Walton, DW Webster, and **LJ Shaffer**. Cultural ecosystem services enabled through work with shellfish. *Marine Policy* 132:104689.
DOI:10.1016/j.marpol.2021.104689
- 2021 Michaelis, AK*, DW Webster, and **LJ Shaffer**. The practice of everyday oystering: aquaculture as resistance? *Journal of Political Ecology* 28(1): 309-335.
DOI:10.2458/jpe.2845
- 2021 Poor, EE, MA Imron, R Novalina, **LJ Shaffer**, and JM Mullinax. Increasing diversity to save biodiversity: Rising to the challenge and supporting Indonesian women in conservation. *Conservation Science & Practice*, 3(6), e395. DOI:10.1111/csp2.395
- 2021 Van Den Heever, L, LJ Thompson, W Bowerman, H Smit-Robinson, **LJ Shaffer**, R Harrell, and MA Ottinger. Reviewing the role of vultures at the human-wildlife-livestock disease interface: an African perspective. *Journal of Raptor Research: Special Issue on African Vulture Conservation*, 55(3): 311-327. DOI:10.3356/JRR-20-22
- 2020 Michaelis, AK*, WC Walton, DW Webster, and **LJ Shaffer**. The role of ecosystem services in the decision to grow oysters: a Maryland case study. *Aquaculture* 735633.
DOI:10.1016/j.aquaculture.2020.735633
- 2020 Gore, ML, A Hübschle, A Botha, BM Coverdale, R Garbett, RM Harrell, S Krüger, JM Mullinax, LJ Olson, MA Ottinger, H Smit Robinson, **LJ Shaffer**, LJ Thompson, L van den Heever, and WW Bowerman. A conservation criminology-based desk assessment of vulture poisoning in the Great Limpopo Transfrontier Conservation Area. *Global Ecology and Conservation* e01076. DOI:10.1016/j.gecco.2020.e01076
- 2019 **Shaffer, LJ**, KK Khadka, J Van Den Hoek, and KJ Naithani. Human-elephant conflict: a review of current management strategies and future directions. *Frontiers in Ecology & Evolution* 6: 235. DOI:10.3389/fevo
- 2017 Shaffer, LJ. Rain rituals as a barometer of vulnerability in an uncertain climate. *Journal of Ecological Anthropology* 19(1). DOI:10.5038/2162-4593.19.1.1228
- 2017 Shaffer, LJ. An anthropological perspective on the climate change and violence relationship. *Current Climate Change Reports* 3(4): 222-232. DOI:10.1007/s40641-017-0076-8
- 2014 Shaffer, LJ. Making sense of local climate change in rural Tanzania through knowledge co-production. *Journal of Ethnobiology* 34(3), 315-334. DOI:10.2993/0278-0771-34.3.315
- 2014 Tschakert, P, K Dietrich, K Tamminga, E Prins, **J Shaffer**, E Liwenga, and A Asiedu. Learning and envisioning under climatic uncertainty: an African experience. *Environment and Planning A* 46: 1049-1068. DOI:10.1068/a46257
- 2011 **Shaffer, LJ** and L Naiene*. Why analyze mental models of local climate change?: A case from southern Mozambique. *Weather, Climate and Society* 3(4): 223-237.
DOI:10.1175/WCAS-D-10-05004.1
- 2010 Shaffer, LJ. Indigenous fire use to manage savanna landscapes in southern Mozambique. *Fire Ecology* 6(2): 43-59. DOI:10.4996/fireecology.0602043

2008 Shaffer, LJ. A landscape of possibilities: seeking food security in Matutúine District, Mozambique. *Ecological and Environmental Anthropology* 4(1): 38-53.
<http://digitalcommons.unl.edu/icwdmeea/35>

Book Chapters

2024 Silva, JA, **LJ Shaffer**, and R Leichenko. Political economy of climate change in Africa. *Handbook of African Economic Development*. P Carmody and J Murphy, eds. Edward Elgar Publishing, Inc., Cheltenham, UK. Pp. 512-526.

2014 Tschakert, P. and **L. J. Shaffer**. Ingredients for social-ecological resilience, poverty traps, and adaptive social protection in semi-arid Africa, *Social-Ecological Systems in Transition. Global Environmental Studies Series*, S. Sakai and C. Umetsu, Research Institute for Humanity and Nature (RIHN), Springer Japan. Pp. 139-156.

2012 Shaffer, L. J. Mobilizing knowledge to build adaptive capacity: lessons from southern Mozambique, *Climate Change and Threatened Communities: Vulnerability, Capacity, and Action*, P. Castro, D. Taylor, and D. Brokensha, Practical Action Publishing, London. Pp. 69-80. DOI:10.3362/9781780447254.006

Manuscripts Submitted, In Review, or Revision

**indicates student advisee*

In Review Shaffer, LJ. Mobilizing knowledge to build adaptive capacity: lessons from southern Mozambique: A Coda, *Climate Change and Threatened Communities: Vulnerability, Capacity, and Action*, 2nd Edition. P. Castro, D. Taylor, and Y. Orr, Practical Action Publishing, London.

In Revision Comforti, I* and **LJ Shaffer**. Factors in successful collaboration for conservation at REPI Buffer Sites in Chesapeake Bay, Maryland. *Journal of Environmental Management*

In Revision Reson, EO, JD Lanham, MZ Virani, W Bowerman, and **LJ Shaffer**. Vulture perceptions and knowledge in the Maasai Mara. *Journal of Ethnobiology*

Professional Reports & Publications

**indicates student advisee*

2021 Gedeon, T* and **LJ Shaffer**. *Integrating Human Dimensions into US Wildlife Management: Stakeholder Challenges and Opportunities*. Research report for Maryland Department of Natural Resources, Annapolis, Maryland and the Florida Fish and Wildlife Conservation Commission, Tallahassee, Florida.

2017 Paolisso, M, **LJ Shaffer**, C Miller Hesed, E van Dolah, S Fiske, N Benessaiah, and K Johnson *Anthropology, Climate Change, and Inequality*. White paper for the UMD College of Behavioral and Social Sciences Workshop on Inequality and Climate Change, 20 October 2017; College Park, Maryland.

2016 Baden, J*, E Dooley*, R Griner*, C Howell*, N Maghsadi*, K McClure*, B Mitrani*, L Muraca*, M Skora*, N Taylor*, M Watson*, and **LJ Shaffer**. *Columbia, Maryland: Residential Perspectives on the Community's 50th Birthday*, Columbia Association and the Partnership for Action Learning in Sustainability, National Center for Smart Growth.

2015 Shaffer, L. *Community Views and Perspectives Regarding Human-Elephant Conflict at Maputo Special Reserve*, Mozambican Directorate for Areas of Conservation, Ministry of Tourism, Maputo Special Reserve, Maputo, Mozambique.

- 2010 Shaffer, LJ. *A Summary of Anticipatory Learning for Climate Change Adaptation and Resilience (ALCCAR) Project Activities in Bagamoyo District, Tanzania*, Stakeholders' Workshop in Bagamoyo, Institute of Resource Assessment, University of Dar es Salaam, Tanzania.
- 2008 Shaffer, J. *Setting Conservation Priorities: Social Science Research Methods*, Transnational Conservation Planning in Maputaland. Universidade Eduardo Mondlane, Mozambique and Durrell Institute of Conservation and Ecology, University of Kent, UK
- 2006 Drew, J, K Bigney, A Henne, V Hickey, S Margles, N Raheem, **J Shaffer**, and S Znajda. *A Toolkit for Graduate Students Working in Transdisciplinary Conservation*, Social Science Working Group. Society for Conservation Biology, CD-ROM and 13 pp
- 2005 Drew, J, **LJ Shaffer** and AT Cabral. *Reflections of the Past: Shifting Baselines and the Conservation of Fiji's Coral Reefs*, Marine Conservation Institute, Suva, Fiji.
- 1997 Shaffer, LJ. *Promoting Energy Efficiency and Wise Water Use in American Samoa*, American Samoa Territorial Energy Office, American Samoa and the University of Oregon Micronesia and South Pacific Program, Tafuna, American Samoa and Eugene, OR.

Published Conference Proceedings

**indicates student advisee*

- 2011 **Shaffer, LJ**, P Tschakert, E Asiama, A Asiedu, YA Boafu, M Biermann, R Crane, K Dietrich, S Hooper, J Kejo, E Liwenga, W Oteng, ES Prins, AP Silayo, K Tamminga, and N Umar. Anticipatory learning for climate change adaptation and resilience: building capacity in rural Tanzania. *Importance of Contemporary Research on Natural Resources Management for Sustainable Development in Tanzania and Beyond: 50th Anniversary of the University of Dar es Salaam*, Institute of Resource Assessment.
- 2010 **Shaffer, LJ** and L Naiene*. "Now it does not rain:" Perceptions, experiences and local models of climate change in Southern Mozambique. Fifth Symposium on Policy and Socio-economic Research, 90th American Meteorological Society Annual Meeting, Joint Session 10, Ways of Knowing: Traditional Knowledge as a Key Insight for Dealing with a Changing Climate, Atlanta, GA, 16-21 January 2010.

Book Reviews, Notes, and Other Contributions

- 2015 Shaffer, LJ. O Mar É Que Manda: Comunidade e Percepção do Ambiente No Litoral Alentejano [The Sea Commands: Community and Environmental Perception on the Alentejano Coast] by Paulo Mendes. Lisbon: Fundação Calouste Gulbenkian, 2013. 251 pp.", *American Anthropologist*, 117(4):
- 2014 Shaffer, LJ. "Fowler, Cynthia. 2013. Ignition Stories: Indigenous Fire Ecology in the Indo-Australian Monsoon Zone", *Environment and Society: Advances in Research*, 5: 145-147.
- 2005 Shaffer, LJ. "Ethnobotany and Conservation of Biocultural Diversity. Advances in Economic Botany Vol. 15", *Ecological and Environmental Anthropology*, 1: 21.
- 1999 Shaffer, LJ. "The Forgotten Pollinators by Stephen L. Buchmann", *Journal of Pesticide Reform*, 19(1): 21.

Refereed Presentations

**indicates student advisee*

- 2024 Shaffer, L.J. *Supporting Farmer and Sustainable Farm Resilience in a Social-Ecological System*. Ta Māmta Mo’na (Thriving Together): Building Resilient Farming Communities in Micronesia, FarmerFocus, Guam AgrAbility Regional Workshop. 29-31 October 2024.
- 2024 Shaffer, L.J. *Network Complexity in Conservation Management of the Maasai Mara-Serengeti*. 1st Annual UMD ATLAS Conference, College Park, MD, 27 February 2024.
- 2024 Shaffer, L.J. *Understanding Conservation Networks in the Management of the Maasai Mara-Serengeti*. AAAS Annual Meeting: Toward Science Without Walls, Scientific Session: Changing Management of African Grassland Ecosystems, Communities, and Wildlife. Denver, CO, 15-17 February 2024.
- 2023 **Shaffer, LJ** (presenter), RM Harrell, P Benson, WW Bowerman, B Coverdale, X Nicolas Funda, M Gore, S Kruger, H Mafumo, T Mashua, JM Mullinax, MA Ottinger, EO Reson, L Sebele, H Smit-Robinson, LJ Thompson, L Van Den Heever. *Soaring to Success: Could African Vulture Conservation Transition to Accommodate Cultural Practice?* 83rd Annual Meeting for the Society for Applied Anthropology, Cincinnati, OH, 28 March – 1 April, 2023.
- 2022 **Shaffer, L.J.** *Reciprocity in Human-Vulture Relationships: Ecosystem Services, Environmental Health, and Species Protection*. 15th Pan-African Ornithological Congress, Victoria Falls, Zimbabwe, 21-25 November 2022.
- 2022 Bowerman, WW (presenter), A Botha, H Smit-Robinson, M Anderson, B Coverdale, N Funda, ML Gore, M. L. RM Harrell, S Kruger, H Mafumo, JM Mullinax, MA Ottinger, EO Reson, **LJ Shaffer**, L van den Heever. *Innovation in vulture conservation: a social-environmental perspective*. 15th Pan-African Ornithological Congress, Victoria Falls, Zimbabwe, 21-25 November 2022.
- 2022 Gore, ML, A Botha (Presenter), B Coverdale, R Garbett, RM Harrell, S Kruger, JM Mullinax, L Olsen, MA Ottinger, HA Smit-Robinson, **LJ Shaffer**, LJ Thompson. *A conservation criminology-based desk assessment of vulture poisoning in the Great Limpopo Transfrontier Conservation Area*. 15th Pan-African Ornithological Congress, Victoria Falls, Zimbabwe, 21-25 November 2022.
- 2022 Harrell, RM (Presenter), JM Mullinax, AJ Botha, WW Bowerman, M Anderson, T Anderson, BM Coverdale, XN Funda, RA Garbett, ML Gore, SC Kruger, H Mafumo, LJ Olsen, MA Ottinger, EO Reson, **LJ Shaffer**, HA Smit-Robinson, LJ Thompson, L Van den Heever, M Virani. *Conservation consideration of threatened vultures using the Open Standards model*. Pan-African Ornithological Congress, Victoria Falls, Zimbabwe, 21-25 November 2022.
- 2022 Van den Heever, L (Presenter), LJ Thompson, WW Bowerman, HA Smit-Robinson, **LJ Shaffer**, RM Harrell, MA Ottinger, A Botha, B Coverdale, M Gore, J Hassell, S Kruger, CJ McClure, JM Mullinax. *The roles of vultures within the One Health conceptual framework*. 15th Pan-African Ornithological Congress, Victoria Falls, Zimbabwe, 21-25 November 2022.
- 2022 Thompson, L.J. (presenter), Krüger, S.C., Coverdale, B.M., **Shaffer, L.J.**, Ottinger, M.A., Davies, J.P., Daboné, C., Kibuule, M., Cherkaoui, S.I., Garbett, R.A., Phipps, L., Buechley, E., Ruiz, A.G., Lecoq, M., Carneiro, C., Harrell, R.M., Gore, M.L. & Bowerman, W.W. *Assessing African vulture species as (i) avian biomonitors and (ii)*

- umbrella species for all African vultures*. International Ornithological Congress (virtual), 15-19 August 2022.
- 2021 Shaffer, LJ. *Paying vultures back: finding reciprocity in human contributions to ecosystem services and environmental health*. Virtual (81st) Annual Meeting for the Society for Applied Anthropology, Norfolk, VA, 18-19 & 22-27 March 2021.
- 2019 **Shaffer, L** (presenter), J Breitfeller*, A Thieme*, and R Harrell. *Safe passage: considering culture in the conservation of African vultures*. 79th Annual Meeting for the Society for Applied Anthropology, Portland, OR, 19-23 March 2019.
- 2019 Michaelis, A* (presenter), D Webster, WC Walton, and **LJ Shaffer**. *Are we doing oyster aquaculture a disservice by ignoring cultural ecosystem services?* Aquaculture 2019, New Orleans, LA, 7-11 March 2019.
- 2018 Shaffer, LJ. *Vulture conservation social network capacities and challenges*. Annual Meeting of the Raptor Research Foundation, Kruger National Park, South Africa, 12-16 November 2018
- 2018 Harrell, RM (presenter), **LJ Shaffer**, and N Funda. *Vulture belief use and conservation ethics*. Annual Meeting of the Raptor Research Foundation, Kruger National Park, South Africa, 12-16 November 2018
- 2018 Ottinger, MA (presenter), SK Mani, S Shah, ML Gore, **LJ Shaffer**, L Thompson, and L van den Heever. *The interdependence of one health and vulture populations*. Annual Meeting of the Raptor Research Foundation, Kruger National Park, South Africa, 12-16 November 2018
- 2018 **Shaffer, LJ** (presenter), J Breitfeller*, A Thieme*, and R Harrell. *Safe passage: conservation and the role of culture in the African vulture trade*. Society for Ethnobiology Meetings, Madison, WI, 3-7 June 2018.
- 2018 Shaffer, LJ *Building conservation capacity to save Africa's vultures*, 78th Annual Meeting for the Society for Applied Anthropology, Pittsburgh, PA. 3-7 April 2018.
- 2018 Michaelis, A* (presenter), D Webster, B Walton, and **LJ Shaffer**. *The beneficent bivalve: the oyster in ecosystem services in Maryland*. Compelling Conservation: Cultural Benefits and Values of Ecosystems (panel). Society for Applied Anthropology 78th Annual Meetings, Philadelphia, PA, 7 April 2018.
- 2018 Michaelis, A* (presenter), D Webster, and LJ Shaffer. *Watermen and Farmers: The Place of Traditional Fishermen in Maryland Oyster Aquaculture*. Aquaculture America, Meeting of the World Aquaculture Society, Las Vegas, NV, 19-22 February 2018.
- 2018 Michaelis, A.* (presenter), Webster, D., and **Shaffer, LJ**. *Who becomes a shellfish grower?* 43rd East Coast Commercial Fishermen's & Aquaculture Trade Exposition in Ocean City, MD, 12-14 January 2018.
- 2017 Shaffer, LJ *Ethnobotany matters: exploring cultural practices for conservation in southern Mozambique*. 116th Annual Meeting of the American Anthropological Association, Washington, DC, 2 December 2017.
- 2017 Michaelis, A.* (presenter), Webster, D., and **Shaffer, LJ**. *Anthropology as a Means to Better Understand the Direction of Maryland's Oyster Industry*. 116th Annual Meeting of the American Anthropological Association, Washington, DC, 2 December 2017.

- 2017 Michaelis, A.* (presenter), Webster, D., and **Shaffer, L.J.** *Understanding Participation in Maryland Oyster Aquaculture: In a Changing Environment*. Aquaculture America, Meeting of the World Aquaculture Society, San Antonio, TX, 19-22 February 2017.
- 2017 Michaelis, A.* (presenter), Webster, D., and **Shaffer, L.J.** *Who becomes a shellfish grower?* Talk presented at 43rd East Coast Commercial Fishermen's & Aquaculture Trade Exposition in Ocean City, MD.
- 2015 Shaffer, LJ *Gaming to learn: teaching adaptation to environmental change*, Mid-Atlantic Bioanthropology Interest Group 2015 Conference, Virginia Commonwealth University, Richmond, VA, 9-10 October 2015.
- 2015 **Shaffer, LJ** (presenter), D. Cuna*, and R Ridley* (presenter). *Bad communication and amplification of wildlife conflict in a savanna SES*, 75th Annual Meeting for the Society for Applied Anthropology, Pittsburgh, PA. 24-28 March 2015.
- 2015 Tompkins, J* (presenter), B Gerard*, H Mohamed* (presenter), and **LJ Shaffer**. *Local models of the health-environment connection in an African savanna SES*, 75th Annual Meeting for the Society for Applied Anthropology, Pittsburgh, PA. 24-28 March 2015.
- 2015 Michaelis, A* (presenter), T Sankar *(presenter), S Strada* (presenter), **LJ Shaffer**, and J Tompkins*. *experiences of individual and group agency in an African savanna social-ecological system*, 75th Annual Meeting for the Society for Applied Anthropology, Pittsburgh, PA. 24-28 March 2015.
- 2015 Soriano Luna*, C (presenter), D Warner*, and **LJ Shaffer**. *Local indicators of change in a complex savanna social-ecological system*, 75th Annual Meeting for the Society for Applied Anthropology, Pittsburgh, PA, 24-28 March 2015.
- 2014 Shaffer, LJ *Local knowledge for anticipating change: producing models of a complex social-ecological system*, 113th Annual Meeting of the American Anthropological Association, "Ethnographies of Climate Change in Africa" session, Washington, D.C., 3-7 December 2014.
- 2013 Shaffer, LJ *Mother Nature rolls a 20 sided dice*, 73rd Annual Meeting for the Society for Applied Anthropology, Denver, CO, Teaching the Anthropology of Climate Change in the 21st Century Panel 19-23 March 2013
- 2013 Shaffer, LJ *Mother Nature plays with 20 sided dice*, 53rd Annual Meeting of the Northeastern Anthropological Association, College Park, MD, Modeling Sustainability: Exploring the Past to Inform Our Present and Future Panel 1-2 March 2013
- 2012 Shaffer, LJ *Angering the ancestors: ritual, risk, and vulnerability in an uncertain climate*, 111th Annual Meeting of the American Anthropological Association, The View from Grassroots to Grids: The AAA Global Climate Change Taskforce Presents Insights on Climate Change from Below, San Francisco, CA, 14-18 November 2012
- 2012 Shaffer, LJ *Framing complexity: understanding climate change in Tanzania through photovoice*, 72nd Annual Meeting of the Society for Applied Anthropology, Pushing the Borders and Boundaries of Anthropology in Climate Change Research Panel. Baltimore, MD 27-31 March 2012.
- 2011 Dietrich, K (presenter), P Tschakert, E Prins, M Biermann, R Crane, **LJ Shaffer**, K Tamminga, A Asiedu, E Asiamah, P Apaadey, YA Boafo, T Obideabah, W Oteng, and N Umar. *Deforestation, climate change, adaptation: mixing discourses during scenario*

- building for climate change adaptation in Ghana*, Annual Meeting of the Association of American Geographers, Seattle, WA. April 2011.
- 2011 Tschakert, P (presenter), K Dietrich, R Crane, K Tamminga, E Prins, **LJ Shaffer**, M Biermann, C Hoadley, A Asiedu, E Liwenga, E Asiamah, N Umar, and J Kejo, *Remember, observe, learn, dream, and act: ingredients for social-ecological resilience*, Annual Meeting of the Association of American Geographers, Seattle, WA. April 2011.
- 2011 Prins, E (presenter), C Hoadley, E Asiamah, A Asiedu, M Biermann, R Crane, K Dietrich, J Kejo, E Liwenga, AO Modoc, **LJ Shaffer**, K Tamminga, P Tschakert, and N Umar. *Learning to adapt: How innovation, environmental information sharing, and social networks vary in rural Ghana and Tanzania*, Resilience, Innovation and Sustainability: Navigating the Complexities of Global Change at the Resilience 2011: 2nd International Science and Policy Conference, Tempe, AZ. 11-16 March 2011.
- 2011 Tamminga, K (presenter), **LJ Shaffer** (presenter), E Asiamah, A Asiedu, M Biermann, R Crane, K Dietrich, C Hoadley, J Kejo, E Liwenga, AO Modoc, E. Prins, P Tschakert, and N Umar. *Grounded: walking journeys and environmental monitoring as portals to anticipatory learning and resilience from and within the working landscape*, Resilience, Innovation and Sustainability: Navigating the Complexities of Global Change at the Resilience 2011: 2nd International Science and Policy Conference, Tempe, AZ. 11-16 March 2011.
- 2011 Tschakert, P, E Asiamah, A Asiedu, M Biermann, R Crane, K Dietrich (presenter), C Hoadley, J Kejo, E Liwenga, AO Modoc, E Prins, **LJ Shaffer**, K Tamminga, and N Umar. *From vulnerable victims to active agents: anticipatory learning for climate change adaptation and resilience*, Resilience, Innovation and Sustainability: Navigating the Complexities of Global Change at the Resilience 2011: the 2nd International Science and Policy Conference, Tempe, AZ. 11-16 March 2011.
- 2011 Tschakert, P (presenter), E Asiamah, A Asiedu, M Biermann, R Crane, K Dietrich, C Hoadley, J Kejo, E Liwenga, AO Modoc, E Prins, **LJ Shaffer**, K Tamminga, and N Umar, *Remembering change, anticipating change: processes of activating, stretching, and creating knowledge for anticipatory learning, adaptation, and resilience under climate change*, Resilience, Innovation and Sustainability: Navigating the Complexities of Global Change at the Resilience 2011: the 2nd International Science and Policy Conference, Tempe, AZ. 11-16 March 2011.
- 2010 **Shaffer, LJ** (presenter) and P Tschakert, *Exploring IK environmental monitoring contributions to iterative loop learning and adaptation*, 109th Annual Meeting of the American Anthropological Association, Symposium on Climate Change, Risk Management, and Resettlement. New Orleans, LA. 17-21 November 2010
- 2010 **Shaffer, LJ** (presenter) and L Naiene*, *'Now it does not rain: ' perceptions, experiences and local models of climate change in southern Mozambique*, 5th Symposium on Policy and Socio-Economic Research at the 90th American Meteorology Society Annual Meeting, Atlanta, GA. 17-23 January 2010.
- 2009 Shaffer, LJ *Indigenous landscape management and anthropogenic fire disturbance in southern Mozambique*, 4th International Fire Ecology and Management Congress, Savannah, GA. 30 November-4 December 2009.

- 2008 Shaffer, J, *Burning the savanna: fire ethnoecology in southern Mozambique*, 22nd Annual Meeting for the Society for Conservation Biology, Chattanooga, TN. 13-17 July 2008
- 2008 Milgroom, J (presenter) and **J Shaffer** (presenter), *A new look at the landscape consequences of population resettlement from protected areas*, 6th Annual Kruger National Park Science Networking Meeting, Skukuza, Mpumalanga, South Africa. 21-25 April 2008.
- 2007 Shaffer, LJ, *Natural resource exports from Delagoa Bay and its hinterland 1845-1906*, 21st Annual Meeting for the Society for Conservation Biology, Port Elizabeth, South Africa. 1-5 July 2007.
- 2006 Shaffer, J, *Counting on trees: community needs and conservation at the Maputo Elephant Reserve, Mozambique*, 20th Annual Meeting for the Society for Conservation Biology, San Jose, CA. 24-28 June 2006.

Refereed Posters

- 2014 Shaffer, LJ *Signals in the noise: local knowledge for anticipating change in a complex socio-ecological system*, Small-scale Societies and Environmental Transformations: Co-Evolutionary Dynamics, *iCREA International Conference, Barcelona, Spain. 17-18 December 2014.
- 2011 **Shaffer, LJ** and A. Silayo, *Using the fuzzy logic of local monitoring to understand environmental change in Tanzania*, 4th Annual Postdoctoral Research Exhibition, Pennsylvania State University, State College, PA. 12 April 2011.
- 2009 Shaffer, J, *Managing drought risk: can residents of Matutuine District, southern Mozambique adapt to future climate change?*, 2nd Educational Forum for Globalization on Culture, Research, and Teaching, University of Georgia, Athens, GA. 25-26 March, 2009.

Symposia

- 2018 *How the Social Sciences Are Adding Value to African Vulture Conservation*, 2018 Annual Meeting of the Raptor Research Foundation, Kruger National Park, South Africa, 12-16 November 2018. Symposium Chair.
- 2009 *Food Security, HIV/AIDS, and Climate Change in Mozambique*, Global Citizenship Symposium, Santa Monica College, Santa Monica, CA. 18-22 May 2009. Co-Organized with Dr. N. Monteiro and G. Chowdhry.
- 2005 Defining ecological and environmental anthropology, in online symposium for inaugural issue of *Ecological and Environmental Anthropology*, <http://eea.anthro.uga.edu/discussion/eea/> co-organized with M Welch-Devine

Panels

- 2021 *Uncovering and Recovering Missing Links in Human-Wildlife Relationships*, Virtual (81st) Annual Meeting for the Society of Applied Anthropology, Norfolk, VA, 18-19 & 22-27 March 2021. Panel Chair.

- 2019 *What Can Birds Tell Us of Turbulent Times?*, 79th Annual Meeting for the Society for Applied Anthropology, Portland, OR, 19-23 March 2019. Panel Co-Chair with Dr. Anne Sourdril, CNRS, France
- 2018 *Knowledge for Environmental Sustainability: Ownership, Control, and Transmission*, 78th Annual Meeting for the Society for Applied Anthropology, Philadelphia, PA, 3-7 April 2018. Panel Chair.
- 2017 *Putting the Anthropocene Into Practice: Why Anthropology Matters for Conservation and Ecosystem Management (Part 1: Systems; Part 2: Species)*, 116th Annual Meeting of the American Anthropological Association, Washington, DC, 29 November – 3 December 2017. Co-organized with Dr. Pam McElwee. Chaired Part 1: Systems.
- 2015 *Using Local Social-Ecological Systems Models To Live Sustainably in a Changing African Savanna Landscape*, 75th Annual Meeting for the Society for Applied Anthropology, Pittsburgh, PA, 24-28 March 2015.
- 2013 *Teaching the Anthropology of Climate Change in the 21st Century*, 73rd Annual Meeting of the Society of Applied Anthropology, Denver, CO, 19-23 March 2013. Co-organized with Dr. P.J. Hammer.

Invited Talks

- 2022 *Local Knowledge, Community Voices: Building Resilience for Conservation and Climate Change*, Explorer's Club Washington Group, Cosmos Club, Washington, DC, 14 May 2022.
- 2021 *Local knowledge, community voices: building resilience & adaptive capacity for conservation & climate change*, School for Earth, Environment, and Marine Science, the University of Texas Rio Grande Valley, online, 27 April 2021.
- 2019 *Working with local communities, building knowledge capacity for conservation and climate change*, University of Maryland Center for Environmental Science, Horn Point Laboratory, Cambridge, MD, 10 April 2019.
- 2019 *Making sense of climate change: building adaptive capacity through co-knowledge production*, Sustainability and Environmental Studies Program, York College, York, PA, 27 February 2019.
- 2018 *Knowledge co-production for climate change research*, Washington Association of Professional Anthropologists, Washington, D.C. 3 December 2018.
- 2017 *Ethnobotanically-informed conservation in southern Mozambique's human-modified landscapes*, Department of Biology, University of Arkansas, Fayetteville, AR, 19 October 2017.
- 2012 *Livelihoods, drought, and water security in rural Tanzania*, 111th Annual Meeting of the American Anthropological Association, Ethics Practicum: A Practical Conversation hosted by the National Association for the Practice of Anthropology, San Francisco, CA. 14-18 November 2012.
- 2012 *Risk, ritual, and rain in southern Mozambique*, Workshop on Society and the Environment, Department of Sociology, University of Maryland, College Park, MD. 17 October 2012.

- 2012 *Participatory climate research: bridging knowledge to increase adaptive capacity*, Washington Association of Professional Anthropologists, Washington, D.C. 2 October 2012.
- 2012 *Participatory environmental research: linking ways of knowing to increase adaptive capacity*, U.S. Embassy Cultural and Information Resource Center, Maputo, Mozambique. 7 July 2012.
- 2012 *Pesquisa ambiental participativa: ligando formas de saber para aumentar a capacidade de adaptação* [Participatory environmental research: linking ways of knowing to increase adaptive capacity], Departamento de Ciências Biológicas, Universidade Eduardo Mondlane, Maputo, Mozambique. 6 July 2012.
- 2010 *Dwelling and knowledge: stories of people, places, and change in southern and eastern Africa*, Department of Geography Coffee Hour, Pennsylvania State University, State College, PA. 1 October 2010.
- 2010 *Anticipatory learning for climate change adaptation and resilience project activities in Bagamoyo District*, University Dar es Salaam Institute for Resource Assessment, Bagamoyo Stakeholders' Workshop, Bagamoyo, Tanzania. 12 August 2010.
- 2008 *Colheita de plantas silvestres da comunidade ronga: ligando a cultura e a paisagem do distrito de Matutuine em prol de conservação* [Ronga wild plant harvest: linking culture and landscape for conservation in Matutuine District], U.S. Embassy Cultural and Information Resource Center in conjunction with the Universidade Eduardo Mondlane, Maputo, Mozambique, 17 April 2008.
- 2008 *Colheita de plantas silvestres da comunidade Ronga: ligando a cultura e a paisagem para conservação* [Ronga wild plant harvest: linking culture and landscape for conservation], Maputo Special Reserve, and communities of Madjadjane and Gala, Mozambique. 10 April 2008.
- 2007 *Ronga wild plant harvest and the conservation of coastal savanna landscape in southern Mozambique*, Universidade Eduardo Mondlane, Mozambican National Directorate for Conservation Areas, Maputo, Mozambique. 10 May 2007.

Non-Refereed Presentations

*indicates student advisee

- 2024 Shaffer, LJ and M Brown. *Exploring Maryland's Natural History*. Maryland Day, University of Maryland College Park, 27 April 2024.
- 2023 Shaffer, LJ and M Brown. *Exploring the Human-Nature Relationship in Maryland*. Maryland Day, University of Maryland College Park, 29 April 2023.
- 2022 Shaffer, LJ *Community knowledge for climate uncertainty*. University of Maryland's Interdisciplinary Dialogues Panel, Humanities at the Crossroads: Climate, Justice, and Environmental Impact. 27 April 2022. College Park, MD
- 2018 Shaffer, LJ. *Community-based guardians for vulture conservation*. NSF SESYNC Pursuit: Saving Africa's Vultures, 25 October 2018. Annapolis, MD
- 2018 **Shaffer, LJ** (presenter), J Breitfeller*, A Thieme*, and R Harrell. *Safe passage: the role of culture in the African vulture trade*. NSF SESYNC Pursuit: Saving Africa's Vultures, 23 October 2018. Annapolis, MD
- 2017 Shaffer, LJ. *Co-producing climate change knowledge with Indigenous collaborators*. Traditional Knowledge & Climate Change: Implications for Policy & Practice

- Symposium. Conservation International & National Geographic, Washington, DC, 28 November 2017.
- 2017 Shaffer, LJ. *Taskscapes and trees: livelihood legacies in savanna landscapes*, E-Lunch Series, Department of Anthropology, University of Maryland, College Park, MD. 8 November 2017.
- 2017 Shaffer, LJ. *Introduction to environmental anthropology*. NSF SESYNC Pursuit: Saving Africa's Vultures, 31 October 2017. Annapolis, MD
- 2017 Shaffer, LJ, *Ethnobotany matters: exploring cultural practices for conservation in southern Mozambique*, E-Lunch Series, Department of Anthropology, University of Maryland, College Park, MD. 19 April 2017.
- 2017 Shaffer, LJ. *Migration & climate refugees: social science*. Workshop on Water in the Middle East and North Africa, 3-14 February 2017. University of Maryland, College Park, MD.
- 2016 **Shaffer, LJ** (presenter), N Benessaiah, and K LaFrenz-Samuels. *Water and society in the MENA region*. Workshop on Water in the Middle East and North Africa, 22-23 May 2016. Midreshet Ben-Gurion, BIDR, Israel.
- 2016 Shaffer, LJ, *Contextualizing impacts of climate change in rural Mozambique using local environmental knowledge*, Climate Action 2016 Forum, Climate Change, Poverty and Vulnerability Session. University of Maryland, College Park, MD. 4 May 2016.
- 2013 Shaffer, LJ, *Resilience in the face of climate change in Mozambique*, Global Human Ecodynamics Open Workshop, University of Maryland, College Park, MD. 4-6 November 2013.
- 2011 Shaffer, LJ, *Cultural limits to adaptation: values and risk perception*, World Universities Network Workshop: Limits to Adaptation for Climate Change, Pennsylvania State University, State College, PA. 6-9 June 2011
- 2011 **Shaffer, LJ** (presenter), K Dietrich, P Tschakert, E Asiama, A Asiedu, YA Bofo, M Biermann, R Crane, S Hooper, J Kejo, E Liwenga, W Oteng, ES Prins, AP Silayo, K Taminga, and N Umar, *Anticipatory learning for climate change adaptation and resilience: building capacity in rural Tanzania*, Conference to Reflect on the Importance of Contemporary Research on Natural Resources Management for Sustainable Development in Tanzania and Beyond: 50th Anniversary of the University of Dar es Salaam, Institute of Resource Assessment, Tanzania. 14 July 2011.
- 2007 Shaffer, LJ, *Exportações comerciais dos recursos naturais da Baía de Delagoa e da sua região comercial 1845-1906* [Commercial exports of the natural resources of the Bay of Delagoa and its commercial region 1845-1906], V Seminário de Investigação da Universidade Eduardo Mondlane, Maputo, Mozambique, 17-19 September 2007.
- 2004 Shaffer, J. *Subsistence harvest preferences and availability of natural resources in the vicinity of the Maputo Elephant Reserve, Mozambique*, Fall 2004 Proseminar Ethnographic Research Training Presentations, Dept. of Anthropology, University of Georgia, Athens, GA.
- 2001 Shaffer, LJ, *Getting teens to care about the world: bringing environmental science into high school science classes*, Teach for America Southern Regional Conference, South Padre Island, TX, South Padre Island, TX. 16-18 March 2001

Non-Refereed Posters

**indicates student advisee*

- 2023 Shaffer, LJ *Reciprocity for Resilience: Protecting Species and Environmental Health*. College of Behavioral and Social Sciences Research Showcase. University of Maryland, College Park, Maryland. 3 May 2023.
- 2019 Connolly, L*, L Hines*, P Lafleur*, X Ren*, K Polk*, L Tauberman*, W Bowerman, J Murrow, and **LJ Shaffer**, *Survey of black bear (Ursus americanus) management techniques at Boy Scouts of America camps*, Department of Environmental Science and Technology, Maryland Day, College Park, MD, 27 April 2019.
- 2010 Shaffer, LJ, *Mobilizing knowledge to build adaptive capacity: lessons from southern Mozambique*, World Universities Network Global Challenge Workshop: Adapting to Climate Change, Pennsylvania State University, State College, PA. 22-25 May 2010.

Workshops

- 2017 *IUCN Workshop on Cultural Practices in Ecosystem Services Management*, University of Maryland, College Park, MD 29 November 2017. Co-organized with Dr. Pam McElwee and Dr. Minna Hsu.
- 2017 *MENA Water Security Interdisciplinary Workshop*, University of Maryland, College Park, Maryland. 13-14 February 2017. Co-organized with Dr. Nejm Benessaiah and Dr. Raghu Murtugudde.

Completed Creative Works

- 2018 Wikipedia Page (class project), M Asefa, J Breitfeller, H Correlli, J Ha, C Jamison, A Lavrentieva, E Meyer, A Miralles, L Muldoon, D Ndovie, M O'Brien, N Pines, I Piti-Diaz, M Santos, J Tessier, A Thieme, W Weihnacht, R Whiting, C Zhang, and **LJ Shaffer**. *African Vulture Trade*. [URL] https://en.wikipedia.org/wiki/African_vulture_trade
- 2015 Research Project Blog (class project), J Baden, R Griner, C Howell, K McClure, N Maghsadi, N Taylor, M Skora, L Muraca, M Watson, B Mitrani, E Dooley, and **LJ Shaffer**. *The Oral History Project in Columbia, Maryland*, UMD-PALS Research Project Blog, [URL] <https://columbiaoralhistoryproject.wordpress.com/>
- 2015 *The Nile Project* Discussant, hosted by the Clarice Smith Performing Arts Center at the Smithsonian Museum of Natural History, April 2015
- 2013 Educational Game, *NeoGaia: a Tabletop Role-Playing Game for Learning About Vulnerability and Adaptation to Climate, and Other Environmental, Change*. Department of Anthropology, University of Maryland, College Park.
- 2012 Photography essay, "A Snapshot of Climate Change in Rural Tanzania, 2010-2011." *Changing the Atmosphere, Anthropology News*, November 2012. (archived)
- 2012 Public research exhibition, *Local Knowledge and Environmental Change*, Maryland Day, University of Maryland, MD, 28 April 2012.
- 2009 Photography exhibition *From the Bush to the Market: Buffering Food Security and Environmental Change*, hosted by Global Citizenship Symposium, Santa Monica College, Santa Monica, CA, 18-22 May 2009, with N. Monteiro.

- 2007 Cover Image, Domestic Workers Demanding Government Action, Maputo, Mozambique, 8 March 2007, *African Women's Movements: Changing Political Landscapes* by A Tripp, I Casimiro, J Kwesiga, and A Mungwa, Cambridge University Press.
- 2006-2012 Shaffer, L.J. *Green Chicken Diaries: An Anthropologist's Adventures* (blog). <http://greenchickendiaries.blogspot.com>

Other Public Media Contributions

- 2000 Shaffer, L.J. "Mud and Banana DNA: What Students Expect." *The Houston Jalapeno: Teach for America Houston*, September 2000, pg. 1, 13.
- 1998 Shaffer, L.J. "What is a Wetland?" *100 Valleys*. Umpqua Watersheds, Inc., Winter 98-99, pg. 9.
- 1998 Shaffer, J. "Mangoes." *Ecotone: the Journal of Environmental Studies*. University of Oregon. Fall 1998, pg. 5.
- 1998 Shaffer, J. "An interview with Peter Walker." *Ecotone: the Journal of Environmental Studies*. University of Oregon. Fall 1998, pg. 8-10.
- 1996 Shaffer, L.J. "The Science of Slides – a Primer on How Debris Flows Work." *Wildfire News* online. [URL] <http://www.wildfirenews.com/forests/forest/analysis.html> (accessed 13 December 2008).
- 1996 Shaffer, J. "Common Marsh Plants Along Oregon's Coast." *Southwester Summer Supplement to The World*. Coos Bay, OR. pg. 3.
- 1996 Shaffer, J. "Surviving the Perils of a Saltwater Ecosystem." *Southwester Summer Supplement to The World*. Coos Bay, OR. pg. 4.

Sponsored Research and Programs (administered by the Office of Research Administration)

- 2024 Climate Change AI, Climate Change Innovative Grants Program 2024, (PI Walid Oauret (UMD) with collaborators Molly Brown (UMD), Jordan Caraballo-Vega (NASA), and **L. Jen Shaffer** (UMD), *Global Dataset of Rain-Making Ceremonies: Leveraging AI to Uncover Societal Response to Climate Stressors* (1 year, \$150,000)
- 2023 US Department of State, Fulbright US Scholars Program, (PI **L. Jen Shaffer** with collaborators Tetsuro Hosaka, Miyabi Nakabayashi, and Moe Nakazora at Hiroshima University, Japan) *Human-Wildlife Coexistence: Seeking Balance for Sustainable Urban Social-Ecological Systems*. (unfunded)
- 2023 National Science Foundation, Convergence Accelerator (PI Masoud Negahban-Azar with CoPIs Paul Leisnham, Siavash Isazadeh, Farshid Shoushtarian, **L. Jen Shaffer**, Adel Shirmohammadi, and Amanda Rocklear) *NSF Convergence Accelerator Track K: Empowering Small Water Systems – Developing a Use-Inspired Training and Reskilling Platform for Digital Water Technologies* \$750,000 (unfunded)
- 2022 US Department of Agriculture, National Institute of Food and Agriculture, Urban, Indoor, and Emerging Agriculture, (PI John Taylor, URI with CoPIs Melva Treviño-Peña, Patrick Baur, and Julie Keller, URI, Jose-Luis Izursa, **L. Jen Shaffer**, and Neith Little, UMCP, and Mamatha Hanumappa, and Elizabeth Gearin, UDC, and, Carmen Ugarte, UIL Urbana-Champaign) *Mapping Diverse Services from Alternative Urban Food Provisioning Networks and Identifying Opportunities for Policy Support*. (October 2023 – September 2025, \$1,095,136)

- 2022 US Department of Agriculture, Western Sustainable Agriculture Research and Education (SARE). (PI Kuan-Ju Chen, UGuam with CoPIs Fred Schumann, UGuam, Tongzhe Li, UGuelph, and L. Jen Shaffer, UMCP) *Guam's Upgrowing Agricultural Markets (GUAM): Developing Profitable Local Food Markets and Sustainable Agriculture for Small Island Economies*. (June 2023 – May 2026, \$349,981)
- 2022 University of Maryland College Park, Grand Challenges. (PI Adel Shirmohammadi, with multiple CoPIs at the University of Maryland including **L. Jen Shaffer**) *Climate-smart Community-Oriented Sustainable Water Resources and Agroecosystem (CS-COSWAA) using hydrodynamic modeling and AI technologies*. \$1,163,947 (unfunded).
- 2022 National Science Foundation, National Artificial Intelligence (AI) Research Institutes. (PI Adel Shirmohammadi, with multiple CoPIs at the University of Delaware, Virginia Tech, West Virginia University, and the University of Maryland including **L. Jen Shaffer**) *AI Institute: Artificial Intelligence-enabled Decision-making for REsilient Agroecosystem Management (AII-DREAM) in Diverse Hydro-climate and Physiographic Regions*. \$19,999,960 (unfunded).
- 2021 National Science Foundation, DISES: Dynamics of Integrated Socio-Environmental Systems (PI Joshua Drew, SUNY-ESF, with CoPI **L. Jen Shaffer**) *DISES: Tangled Roots: How new approaches in mangrove conservation may improve the efficiency of international conservation*. \$1,166,275 (unfunded)
- 2021 National Science Foundation, OISE: Accelerating Research through International Network-to-Network Collaborations (AccelNet) (PI William Bowerman, with CoPIs Meredith L Gore and **L. Jen Shaffer**) *AccelNet-Design: The Tripwire Network: How Avian and Indigenous Networks Can Trigger Responses to Environmental Surprises at Multiple Ecological Levels*. \$249,975 (unfunded)
- 2021 NOAA New York Sea Grant, Biennial Research Competition. (PI Joshua Drew, SUNY-ESF, with CoPI **L. Jen Shaffer**) *Stakeholder Perceptions of Oyster Ecosystem Services: a Mixed Method Approach to Mapping Services That Improve Management Efficiency*. (January 2022 – December 2023, \$145,839)
- 2020 National Science Foundation, National Artificial Intelligence (AI) Research Institutes. (PI Adel Shirmohammadi, with multiple CoPIs at the University of Delaware, Virginia Tech, West Virginia University, and the University of Maryland including **L. Jen Shaffer**) *AI Institute: Creating Resilient and Sustainable Food Production Systems in the Mid-Atlantic Through Real-Time, Data-Driven Decision Making (AII-MAR)*. \$19,428,441 (unfunded)
- 2020 National Science Foundation, DISES: Dynamics of Integrated Socio-Environmental Systems (PI Joshua Drew, SUNY-ESF, with CoPI **L. Jen Shaffer**) *DISES: Tangled Roots: How new approaches in mangrove conservation may improve the efficiency of international conservation*. \$1,201,000 (unfunded)
- 2020 University of Maryland, Office of the Provost: Teaching Innovation Grant. (PI **L. Jen Shaffer**, with CoPIs Barnet Pavão-Zuckerman, Jared Schultz, Miguel Vilar, and George Hambrecht) *Redesign Proposal for ANTH 222: Introduction to Ecological & Evolutionary Anthropology*. (July – August 2020, \$13,250)
- 2020 National Science Foundation, OISE AccelNet: Accelerating Research Networks. (collaborator with PI MA Ottinger and CoPIs P Lindner, AK Sater, DW Stokes)

- AccelNet: One Health and Global Conservation: Networks of Convergent Research and Education*. \$1,225,936 (unfunded)
- 2019 National Science Foundation, CNH2-L: Dynamics of Integrated Socio-Environmental Systems (PI Kusum Naithani, UArkansas, with CoPI **L. Jen Shaffer** and Collaborators Jamon van den Hoek, Oregon State, Patricia Patrick, Columbus State, Gautam Talukdar and Bivash Pandav, Wildlife Institute of India and Raman Sukumar, Indian Institute of Science Bangalore) *Using A Telecoupling Framework to Understand and Manage Human-Wildlife Conflict*. \$1,468,199 (unfunded)
- 2019 University of Maryland, New Directions Fund: Capacity-building Programs. (PI William Bowerman, with CoPIs **L. Jen Shaffer** and Jennifer Murrow Mullinax) *Saving Africa's Vultures*. \$28,500 (unfunded)
- 2019 US Dept. of Agriculture, Agriculture and Food Research Initiative – Foundational and Applied Science (PI Jose-Luis Izursa, with CoPIs Roberto Parra Salvidar, Rigoberto Engel Ugalde, Shannon Potter Dill, Reginal Harrell, **L. Jen Shaffer** and Elda Melchor) *High-Efficiency Aquaponics Systems as Example of Circular Economy to Increase Entrepreneurship and Improve Resiliency in Underserved Communities*. \$499,998 (unfunded)
- 2019 US Dept. of Agriculture, Northeastern Regional Aquaculture Center Pre-Proposal (PI Jose-Luis Izursa, with CoPIs Patricia Millner, **L. Jen Shaffer**, and Fawzy Hashem) *Consumers and Producers Perceptions of Aquaponics Products and Food Safety in the Northeastern Region of United States*. \$124,065 (unfunded)
- 2019 National Science Foundation, EAGER Science of Science and Innovation Policy (PI with CoPI Meredith Gore, MSU) *An Ethnographic Postmortem of a Successful Conservation Science Team*. \$105,590 (unfunded)
- 2019 National Science Foundation, OISE AccelNet: Accelerating Research Networks. (collaborator with co-PIs MA Ottinger, P Lindner, AK Sater, DW Stokes) *AccelNet: One Health and Global Conservation: Networks of Convergent Research and Education to Promote Community Programs*. \$1,995,747 (unfunded)
- 2017 National Science Foundation, Doctoral Dissertation Research Improvement Grant. (PI LJ Shaffer with Co-PI AK Michaelis) *Doctoral Dissertation Research: Describing Cultural Ecosystem Services Associated with Oyster Aquaculture*. \$24,200 (funded)
- 2017 US Department of Agriculture, National Institute of Food & Agriculture. (with co-PIs PT Leisnham (lead PI), B Benham, K Brinson, T Deksissa, RL Hill, X Hu, J Hubbart, N Little, H Montas, R Najjar, M Negahban-Azar, C Obropta, M Richardson, A Shirmohammadi, J Shortridge, K Tully) *iWATUR: Integration of Water in Agricultural Technology for Urban and Rural Systems*. \$5,095,946.63 (unfunded)
- 2016 National Science Foundation, National Socio-Environmental Synthesis Center (SESYNC) Pursuit. (collaborator with lead PIs W Bowerman and A. Botha) *There's Still Time to Save Africa's Vultures*. (2 years, funded)
- 2016 University of Maryland, Graduate School of Research and Scholarship Awards. (PI) *Plant Diversity in Southern Mozambique's Human-Modified Landscapes*. Summer 2017. (\$9,000)
- 2016 NOAA Maryland Sea Grant, Coastal Resilience and Sustainability Fellowship (with Co-PIs Adriane Michaelis (lead) and Donald Webster). *Understanding Decisions to*

- Participate in Oyster Aquaculture in Maryland: Implications of Livelihood Diversification on Resilience.* (2 years, \$30,310)
- 2016 National Science Foundation Coupled Natural-Human Systems, (with Co-PIs F. Sedano (lead), J. Silva, and J. Nakoney), *From Forest to Consumer: Vulnerabilities in Charcoal Commodity Chains*, \$1,790,000 (unfunded)
- 2015 National Science Foundation, National Socio-Environmental Synthesis Center (SESYNC) Pursuit. (with CoPI M Coughlan) *The Human-Fire-Landscape Working Group and Database: A research network for cross-cultural comparison of fire use practices by small-scale societies.* (unfunded)
- 2015 University of Maryland, Council on the Environment. (with CoPIs R. Murtugudde (lead), K. Lafrenz Samuels, J. Sullivan, and A. Patwardhan) *Middle East-US Multidisciplinary Working Group to Develop a Center for Water Research and Modeling (CWARM) for the Middle East and North Africa.* (2 years, \$88,368)
- 2014 National Science Foundation Coupled Human Natural Systems Program (lead PI with CoPIs K.J. Naithani, J. Van den Hoek, C.F. Wissehr, and collaborator C.P.Ntumi), *Conflict and Competition: African Elephants and Humans Sharing Savanna in Southern Mozambique*, \$917,449 (unfunded)
- 2013 NASA Research Opportunities in Space and Earth Sciences 2013, Terrestrial Science Program (lead with CoPI K.J. Naithani and collaborators N. Neeti, C.P. Ntumi, and R. Cook), *Characterizing Vulnerability and Responses of Savanna Ecosystems to Land-Use and Global Change in Southern Mozambique*, \$658,302 (unfunded)
- 2013 University of Maryland, College of Behavioral and Social Sciences Dean's Research Initiative. (PI) *Signals in the Noise: Local Indicators of Change in a Complex Savanna Socio-Ecological System.* (2 years, \$47,978)
- 2010 Pennsylvania State University, Earth & Environmental Systems Institute Grant (PI) *Participatory Environmental Monitoring for Adaptation to Climatic and other Environmental Changes.* (2 years, \$10,000)
- 2008 National Science Foundation, Doctoral Dissertation Improvement Grant: Cultural Anthropology. (CoPI with faculty advisor Ted Gragson) *Ronga Wild Plant Harvest and the Conservation of Coastal Savanna Landscape in Southern Mozambique.* (1 year, \$15,000)
- 2007 US Department of State, Fulbright US Student Program. *Subsistence Resource Systems and Landscape in Mozambique.* (1 year, \$27,050)

Research Fellowships, Prizes, and Awards

- 2024 Awarded Flag #33 to Carry in the Field, Michigan Bald Eagle Expedition Team Member, Flag and Honors Committee, The Explorers Club
- 2013 Junior Scholar Award finalist, Anthropology and Environment Society, American Anthropological Association
- 2011 NCAR Research Training Fellowship for Early Career Scientists, National Center for Atmospheric Research, Boulder, CO
- 2011 Research Training Fellowship, New Formal Demography Workshop: Migration and Adaptation, Stanford University, CA
- 2010 Travel Award, Office of Postdoctoral Affairs, Pennsylvania State University

- 2006 NSF Summer Institute for Research Design in Cultural Anthropology (SIRD), Research Training Fellowship. Duke University Marine Lab, Beaufort, NC
- 2006 Summer Field Training in Historical Ecology – U.S. and France, Research Training Fellowship. Department of Anthropology, University of Georgia, Athens, GA
- 2006 Graduate Student Travel Award, University of Georgia Graduate School Conference Travel Award
- 2005 Melissa Hague Field Study Award, Department of Anthropology, University of Georgia. *The Ecological Footprint of Historic Trade by the Portuguese in Mozambique*. (\$960)
- 2005 AGSO Travel Conference Award, University of Georgia Anthropology Graduate Student Organization
- 2004 NSF Ethnographic Research Training Grant, University of Georgia. *Subsistence harvest preferences and availability of natural resources in the vicinity of the Maputo Elephant Reserve, Mozambique*. (\$2,600)
- 2004 – 2006 University-wide Research Fellowship, University of Georgia Graduate School, Athens, GA (tuition remission and stipend)
- 1997 Barker Fellowship in Environmental Studies, Department of Environmental Studies, University of Oregon, Eugene, OR (tuition remission)

TEACHING, EXTENSION, MENTORING, AND ADVISING

Courses Taught

*class taught online due to COVID19 pandemic restrictions

University of Maryland, College Park, MD

- ANTH 220: Introduction to Biological Anthropology w/Lab – F2012 (107 students)
- ANTH 222: Introduction to Ecological and Evolutionary Anthropology w/Lab – F2013 (114 students), Sp2014 (112 students), F2014 (120 students), F2015 (114 students), F2016 (115 students), F2019 (122 students), F2020* (125 students). F2021 (170 students)
- ANTH 266: Changing Climates, Changing Cultures – Sp2012 (30 students), Sp2013 (60 students), Sp2014 (59 students), Sp2016 (58 students), Sp2017 (59 students), Sp2018 (59 students), Sp2019 (59 students), Sp2020* (78 students), Sp2021* (60 students), F2023 (60 students)
- ANTH 322: Method and Theory in Ecological Anthropology – F2018 (25 students), F2019 (23 students), F2020* (28 students), F2023 (27 students), F2025
- ANTH 432/632: Multispecies Coexistence – F2025
- ANTH 452/652: Anthropology and Climate Change (split level) – Sp2016 (19 students), F2016 (10 students), F2018 (25 students); F2021 (split level, 22 students); F2022 (split level, 23 students)
- ANTH 467/667: Researching Environment and Culture – Sp2013 (8 students), F2015 (split level, 10 students), Sp2017 (split level, 18 students), Sp2018 (split level, 18 students), Sp2019 (17 students), Sp2020* (14 students), Sp2021* (split level, 20 students), Sp2022 (split level, 11 students); F2022 (18 students); Sp2024 (14 students)
- ANTH 498O: Advanced Field Training in Ethnography: Teaching Anthropology – F2014 (9 students, plus graduate student auditors)

ANTH 610: Knowledge Co-Production: Theory, Method, Practice – F2023 (7 students)
ANTH 722: Ecological and Environmental Anthropology – Sp2022 (14 students), Sp2023 (15 students); Sp2024 (11 students)

American Public University, School of Science & Technology, Online Adjunct Instructor
SCIN 190/191: Introduction to Environmental Science/Environmental Science Lab - F2010 (50 students in 2 sections)
SCIN 118/119: Human Ecology/Human Ecology Lab - Sp2010 (20 students)
SCIN 100/101: Introduction to Biology/Introduction to Biology Lab - Sp2010 (75 students in 3 sections)

Pennsylvania State University, State College, PA, Postdoctoral Teaching Assistant (Geography)
Adaptation, Resilience, and Transformation - F2010

- Multi-campus simultaneous participation (Pennsylvania State University, University of Georgia, Arizona State University) through Adobe Connect

University of Georgia, Athens, GA, Graduate Teaching Assistant
ANTH 1102: Introduction to Anthropology, 4 field (Instructor of Record) – Sp2009 (100 students)
ANTH 1102: Introduction to Anthropology, 4 field – F2008, F2009
ANTH 4075/6075: Economic Anthropology – F2006
Anthropology Professional Seminar – F2005, Sp2006
Human Geography (Athletic Program Tutor) – F2009

Houston Community College, Houston, TX, Adjunct Instructor (Biological Sciences)
BIOL 1406: Introduction to Biology w/ Lab for Majors – Sp2002
BIOL 1308: Introduction to Biology for Non-Majors – F2001, Sp2002

Lee High School, Houston ISD, Houston, TX, Science Teacher
Biology – F1999, Sp2000, F2000
Environmental Science – Sp2000, F2000, Sp2001
AP Environmental Science – Sp2001

University of Oregon, Eugene, OR, Graduate Teaching Assistant
Coastal Environmental Issues (Co-Instructor of Record) – Sp1998
Introduction to Environmental Studies: Natural Sciences – W1997
Marine Ecology – Sp1997

Teaching Innovations

Major Programs Established

2016 *Environmental Science and Policy: Culture and Environment* concentration;
interdisciplinary undergraduate BS degree at University of Maryland, MD

Course or Curriculum Development

2024 ANTH 432/632: Multispecies Coexistence
2023 ANTH 610: Knowledge Co-Production: Theory, Method, Practice

- 2020 ANTH 222: Introduction to Ecological and Evolutionary Anthropology w/Lab (General Education, Science Lab) revise all lab materials for online instruction
- 2016 ANTH 452/652: Anthropology and Climate Change
- 2014 ANTH 4980: Advanced Field Training in Ethnography: Teaching Anthropology
- 2013 ANTH 467: Researching Environment and Culture (Service in Practice, Field Methods, General Education)
- 2013 ANTH 222: Introduction to Ecological and Evolutionary Anthropology w/Lab (General Education, Science Lab)
- 2013 ANTH 266: Changing Climate, Changing Cultures (I-Course, General Education)

Professional and Extension Education

Workshops

- 2025 *Watermelon Field Day* (8 February 2025), Inalahan Research & Education Center, University of Guam. Gave demonstration on watermelon rind pickling. Assisted with watermelon harvest data collection and preparation of fruit for distribution to workshop participants. Analyzed workshop evaluation data.
- 2025 *Banana Field Day* (25 January 2025), Inalahan Research & Education Center, University of Guam. Assisted with banana harvest data collection and preparation of bananas for distribution to workshop participants. Analyzed workshop evaluation data.
- 2014 *Seminário de Investigação Interdisciplinar Mudanças Climáticas, Conservação & Comunidades Humanas Sustentáveis: Métodos e Análises*. [Interdisciplinary Research Workshop on Climate Change, Conservation & Sustainable Human Communities: Methods & Analysis], Universidade Eduardo Mondlane, Maputo, Mozambique, 16-20 June 2014. Developed and co-taught with MAA student Jordan Tompkins.

Guest Lectures and Invited Talks

- 2024 *Local Environmental Knowledge for Biocultural Diversity Sustainability & Resilience*, Fanuchãnan/Fall term guest lecture in EV 508: Scientific Competence & Integrity, University of Guam, Agriculture & Natural Resources Science Program, Mangilao, Guam.
- 2024 *Resilience in a Social-Ecological System: The Island of Guãhan*. Fall term guest lecture (online) in HNUH229: Climate in Crisis: Socio-Environmental Sustainability, UMD Honors College, College Park, MD.
- 2024 *Social Network Structure & African Vulture Conservation*, Fanuchãnan/Fall term guest lecture for Capstone Research class, University of Guam, Agriculture & Natural Resources Science Program, Mangilao, Guam.
- 2024 *Extensive Agriculture & Subsistence*, Fanuchãnan/Fall term guest lecture in AG 101: Introduction to Agriculture, University of Guam, Agriculture & Natural Resources Science Program, Mangilao, Guam.
- 2021 *Ethics in Human-Wildlife Conflict Management*, Spring term guest lecture in ENST 404: Ecological & Natural Resources Ethics, UMD Department in Environmental Science and Technology, College Park, MD.

- 2019 - 2021 *Ethnographic Approaches and Knowledge Integration*, Fall term guest lecture in MEEES 620/ANTH 620 Environment and Society, UMD Marine, Estuarine, and Environmental Sciences Program, College Park, MD.
- 2019 *Non-Western Approaches to Couple Human/Natural Systems*, guest skype Q & A in EFB 696 Seminar on Anthropocene Conservation, SUNY College of Environmental Science & Forestry, Syracuse, NY, 4 September 2019.
- 2019, 2020 *Social networks and African vulture conservation*, guest lecture in ENSP 306:
2022 Fundamentals of Qualitative Research Methods for Environmental Studies, UMD Environmental Science and Policy Program, 9 April 2019
- 2018 – 2020 *Qualitative methods*, guest teaching in ENST 471: Capstone I & ENST 472: Capstone II, UMD Department of Environmental Science and Technology
- 2018 *Addressing vulnerability in an African environmental context*, guest lecture in AASPI 398: Issues in African Development, UMD Department of African American Studies, 11 April 2018
- 2013 – 2023 *Water Resources and Culture: Examples from Africa*, annual fall term guest lecture in BSCI 467: Freshwater Biology, UMD Department of Entomology
- 1998 *Coastal Wetlands*, Elderhostel guest lecture, Southwest Oregon Community College, Coos Bay, OR

Advising (University of Maryland students unless indicated otherwise)

- 2016 – date Faculty Advisor, Culture and Environment Concentration in Anthropology
Environmental Science and Policy Program, University of Maryland, College Park

Undergraduate (81 total; 74 students since joining UMD faculty in 2012)

- Ederly, Sarah, Environmental Science and Policy, internship faculty advisor (Sp2024)
- Payton Albers, Environmental Science and Policy, internship faculty advisor (F2023)
- Hannah Grace Johnstone, Environmental Science and Policy, internship faculty advisor (F2023)
- Clare Lapointe, Environmental Science and Policy, internship faculty advisor (F2023)
- Miriam Grinkorn-Franklin, Anthropology, independent study supervisor (F2022, Sp2023)
- Kaitlin Sennewald, Environmental Science and Policy, internship faculty advisor (F2022)
- Carlie Rose Wand, Environmental Science and Policy, internship faculty advisor (F2022)
- Maria Mastrogianis, Environmental Science and Policy, internship faculty advisor (Sp2022)
- Ilana Williams, Environmental Science and Policy, internship faculty advisor (Sp2022);
Anthropology, internship faculty advisor (Sum2023)
- James Burns, Linguistics, teaching assistant supervisor (F2021)
- Drew Fuentes, Environmental Science and Policy, teaching assistant supervisor (F2021)
- Dante Ingargiola, Environmental Science and Policy, teaching assistant supervisor (F2021)
- Sol Lee, Anthropology, teaching assistant supervisor (F2021)
- Luca Rodriguez, Anthropology, teaching assistant supervisor (F2021)
- Isabel Layton, Environmental Science and Policy, internship faculty advisor (F2021)
- Margaret Quinn-Gibney, Anthropology, internship faculty advisor (Sp2021)
- Jordan Plotkin, Environmental Science and Policy, internship faculty advisor (Sp2021)

- Caitlyn Tucker, Environmental Science and Policy, internship faculty advisor (F2020)
- Nicole Hultquist, Anthropology, independent study supervisor (Sp2020)
- Isabella Bowman, Environmental Science and Policy, internship faculty advisor (Sp2020)
- Ekram Ahmed, Environmental Science and Policy, internship faculty advisor (F2019)
- Daryl Floyd, Anthropology, teaching assistant supervisor (F2019)
- Nawal Khan, Environmental Science and Policy, internship faculty advisor (F2019)
- Morgan Jackson, Environmental Science and Policy, internship faculty advisor (F2019)
- Seori Stephens, Environmental Science and Policy, internship faculty advisor (F2019)
- Amanda Lopez, Environmental Science and Policy, internship faculty advisor (Sp2019)
- Rebecca Doermann, Anthropology, independent study supervisor (F2018)
- Laura Tompkins, Anthropology, independent study supervisor (F2018)
- Briley Hebner, Environmental Science and Policy, internship faculty advisor (F2018)
- Anna Powell, Environmental Science and Policy, internship faculty advisor (F2018)
- Hannah Dale, Anthropology, internship faculty advisor (F2018), independent study supervisor (Sp2017), honor's thesis chair (F2017-F2018) *Paths of traditional ecological knowledge (TEK) transmission in a Mozambican community*
- Courtney Keirn, Anthropology, independent study supervisor (Sp2017)
- Christina Arevalo, Anthropology, internship faculty advisor (Sum2017)
- Richard Griner, Anthropology, independent study supervisor (Sp2016)
- Charles Howell, Anthropology, independent study supervisor (Sp2016)
- Mary Skora, Anthropology, independent study supervisor (Sp2016)
- Monique Watson, Anthropology, independent study supervisor (Sp2016)
- William Wiles, Anthropology, senior thesis chair (F2015-Sp2016) *Perceptions of water cleanliness and water conservation practices*
- Emily Masucci, Anthropology, honor's thesis committee member (F2015-Sp2016)
- Michelle Glazer, Anthropology, teaching assistant supervisor (F2015)
- Hope Loiselle, Anthropology, independent study supervisor (F2015)
- Noah Maghsadi, Anthropology, internship faculty advisor (F2015), independent study supervisor (Sp2016)
- Sarah Anne Strada, Anthropology, independent study supervisor (F2014, Sp2015)
- Meagan LeBlanc, Anthropology, teaching assistant supervisor (F2014)
- Iris Schauerman, Anthropology, teaching assistant supervisor (F2014)
- Sydney Sotelo, Anthropology, internship faculty advisor (F2014)
- Bryan Gerard, Anthropology, independent study supervisor (F2014)
- Hayatt Mohamed, Anthropology, independent study supervisor (F2014)
- Rachel Ridley, Anthropology, independent study supervisor (F2014)
- Tarika Sankar, Anthropology, independent study supervisor (F2014)
- Catherine Soriano Luna, Anthropology, independent study supervisor (F2014)
- Donald Warner, Anthropology, independent study supervisor (F2014), teaching assistant supervisor (Sp2014)
- Sabrina Shirazi, Anthropology, teaching assistant supervisor (Sp2014), honor's thesis committee member (F2015-Sp2016)

- Maria Sharova, Anthropology, independent study supervisor (F2013, Sp2014), honor's thesis chair (F2014-Sp2015) *A visual study of changing environments in Africa*
- Rachel DeCampo, Anthropology, internship faculty advisor (F2013)
- Matthew Gabb, Anthropology, internship faculty advisor (F2013)
- Sarah Ann Norris, Anthropology, internship faculty advisor (F2013)
- Mia Zavalij, Anthropology, internship faculty advisor (F2013)
- Matthew Berlin, Anthropology, independent study supervisor (F2013), teaching assistant supervisor (F2013)
- Amanda Fawley, Anthropology, teaching assistant supervisor (F2013)
- Audrey Schaefer, Anthropology, teaching assistant supervisor (F2013)
- Chelsea Stolt, Anthropology, teaching assistant supervisor (F2013)
- Esther Jones, Anthropology, internship faculty advisor (Sp2013)
- Anjani Kumar, Anthropology, internship faculty advisor (Sp2013)
- Deanna Berardi, Anthropology, teaching assistant supervisor (Sp2013)
- Katherine Chen, Anthropology, independent study supervisor (F2012, F2013), honor's thesis chair (F2013-Sp2014) *Hungry for seconds? Defining food security and using non-food oriented datasets*
- Raquel Fleskes, Anthropology, internship faculty advisor (Sp2013), independent study supervisor (Sp2013), teaching assistant supervisor (F2012), honor's thesis chair (F2013-Sp2014) *Facilitating a deep learning approach for university students in an interdisciplinary lab setting: a case study approach to the formulation of the introduction to ecological and evolutionary laboratory course at the University of Maryland*
- Ashley Moore, Anthropology, independent study supervisor (F2012)
- Caitlyne Browne, Anthropology, independent study supervisor (F2012)
- Clio Grillakis, Anthropology, teaching assistant supervisor (F2012)
- Christina Chavez, Anthropology, internship faculty advisor (Sp2012), honor's chair (F2012-Sp2013) *Taking the brew kettle by the proverbial horns: how women are returning to the craft beer industry*
- Amanda Hathaway, Anthropology, internship faculty advisor (Sp2012), independent study supervisor (F2013, Sp2014), teaching assistant supervisor (Sp2014)
- Yves Robert Juste, Anthropology, internship faculty advisor (Sp2012), independent study supervisor (F2012)
- Jeremy Ramlagan, Anthropology, internship faculty advisor (Sp2012)
- Jennifer Spinelli, Geography, Pennsylvania State University, internship supervisor (Sum2010-F2010)
- Ângelo M.M. Francisco, Biology, Universidade Eduardo Mondlane, internship supervisor (F2007)
- Sergio Julane, Biology, Universidade Eduardo Mondlane, internship supervisor (F2007)
- Márcia Langa, Biology, Universidade Eduardo Mondlane, internship supervisor (F2007), licenciatura committee member (F2007-Sp2008)
- Leocadia Naiene, Biology, Universidade Eduardo Mondlane, internship supervisor (F2007), licenciatura committee member (F2007-Sp2008)

- Linda Manjate, Anthropology, Universidade Eduardo Mondlane, internship supervisor (F2007), licenciatura committee member (F2007-Sp2008)
- Vânia Pedro, Anthropology, Universidade Eduardo Mondlane, internship supervisor (F2007), mentor (F2007-Sp2016)

Master's (28 total; 11 chair, 3 co-chair and 14 committee member since joining UMD in 2012)

- Katherine Perez, University of Guam Sustainable Agriculture, Food, & Natural Resources, committee member, 2024 – date (*traditional CHamoru root crops*)
- Rynette-Chenay Perez, University of Guam Sustainable Agriculture, Food, & Natural Resources, committee member, 2024 – date (*USDA SNAP-Ed social marketing*)
- Kimberly Kevouri, Anthropology, MAA Chair, 2022 - date
- Barry Bowman, Marine Estuarine Environmental Sciences Program, committee member, 2022 – date.
- Keili Otto, Anthropology, MAA Co-Chair, 2022 - 2024
- Jessica Staggs, Anthropology, MAA Chair, 2022 – 2024
- Grace Grimes, Conservation Biology, SUNY Environmental Science and Forestry, committee member, 2022 - 2024
- Imani Black, Marine Estuarine Environmental Sciences Program, MS Co-Chair, 2021 – 2024.
- Nicole Holmes, Marine Estuarine Environmental Sciences Program, MS Co-Chair, 2022 – 2023.
- Olivia Wolford, Anthropology, MAA Chair, 2019 - 2021
- Taylor Marie Gedeon, Marine Estuarine Environmental Sciences Program, MS Chair, 2019 – 2021
- Kaleigh Blair, Anthropology, MAA Chair, 2018 - 2020
- Maeve Bassett, Anthropology, MAA Chair, 2018 - 2020
- Alana Todd-Rodriguez, Marine Estuarine Environmental Sciences Program, committee member, 2018 – 2020
- Alexander Sahi, Anthropology, committee member, 2017 - 2019
- Brian Crawford, Anthropology, MAA Chair, 2017 – 2018
- Natalie Yee, Environmental Science and Technology, Committee Member, 2017 – 2018
- Kevin McDonald, Anthropology, MAA Chair, 2016 -2018
- Helen Mittmann, Anthropology, MAA Chair, 2016 – 2018
- Katie Geddes, Anthropology, committee member, 2014 - 2016
- Jordan Tompkins, Anthropology, MAA Chair, 2013 – 2015
- Rebecca Alberda, Anthropology, MAA Chair, 2013 – 2015
- Alyssa Nutter, Anthropology, MAA Chair, 2013 – 2015
- Victoria Danner, Anthropology, committee member, 2013 – 2015
- Sarah El-Hattab, Anthropology, committee member, 2013 – 2014
- Margaret Wadsworth, Anthropology, committee member, 2013 – 2014
- Kate Johnston, University of Minnesota Public Health (MPH), committee member, 2011 – 2013
- Sergio José Julane, Universidade Eduardo Mondlane Forestry, committee member, 2015
- Helena Filipe Miguel Pene, Universidade Eduardo Mondlane Sociology, committee member, 2014 – 2016.

Doctoral (19 total; 3 faculty chair, 16 committee member since joining UMD in 2012)

- Amber Ketchum, Anthropology, Faculty Chair, 2022 – date
- Salvador Valdez-Ono, Anthropology, Faculty Chair, 2022 - date
- Emily Colón, Anthropology, committee member, 2017 – date
- Helen McSherry Craig, Entomology, committee member, 2024 – date
- Tavis Mansfield, Geographical Sciences, committee member, 2022 – date
- Adam Pekar, Environmental Science and Technology, Dean’s representative, 2023 – date
- Jessica Breitfeller, Anthropology, committee member, 2019 – 2024
- Merri K. Collins, Environmental Science and Technology, Dean’s representative, 2023 – 2024
- Ellen Platts, Anthropology, committee member, 2019 – 2023
- Sarah Ponte Cabral, Environmental Science and Technology, committee member & Dean’s representative, 2019 – 2022
- Kelly Jean Anderson, Geographical Sciences, committee member, 2016 – 2021
- Adriane Michaelis, Anthropology, Faculty Chair, 2014 – 2020, *Shellfisheries and Cultural Ecosystem Services: Understanding the Benefits Enabled Through Work With Shellfish*
- Rebecca Wilson, Entomology, committee member, 2014 – 2018
- Michael Strong, Geographical Sciences, committee member, 2013 - 2016
- Courtney Hofman, Anthropology, committee member, 2013 – 2015
- Jeremy Trombley, Anthropology, committee member, 2012 - 2017
- Elizabeth Van Dolah, Anthropology, committee member, 2012 – 2017
- Katherine Joanne Johnson, Anthropology, committee member, 2012 – 2016
- Christine Miller Hesed, Anthropology, committee member, 2012 – 2016

Postdoctoral

- Erin Poor, Environmental Science & Technology (secondary mentor), *Identifying Opportunities and Challenges for Women in Indonesian Conservation to Build Capacity*, July 2019 – May 2020
- Nejm Benessaiah, Anthropology, *Water Security Under Climate Change in the Middle East and North Africa*, April 2016 – August 2017

Other Advising Activities

- 2012 – 2021 Faculty Advisor, University of Maryland Anthropology Students Association, undergraduate group
- 2016 – 2018 Faculty Advisor, University of Maryland, The Guide Dog Foundation for the Blind (30 students)
- 2012 – 2014 Faculty Advisor, University of Maryland, Dept. of Anthropology (26 undergraduates)

Teaching Awards

- 2021 Nominee, Donna B. Hamilton Teaching Award for Excellence, UMD Office of Undergraduate Studies. Spring 2021
- 2019 Nominee, Donna B. Hamilton Teaching Award for Excellence, UMD Office of Undergraduate Studies. Spring 2019
- 2018 Top-rated Faculty, UMD College of Behavioral and Social Sciences, Fall 2018
- 2017 Nominee, Graduate Faculty Mentor of the Year, UMD Graduate School. Spring 2017.

- 2015 Excellence in Teaching, UMD Academy of Excellence in Teaching and Learning
 2014 BSOS Teaching and Mentorship Award, UMD College of Behavioral and Social Sciences
 2013 Honored Instructor, UMD Transfer2Terp Learning Community

SERVICE AND OUTREACH

Editorships, Editorial Boards, and Reviewing Activities

- 2024 Guest Editor, *Animals*, Special Issue on *Human-Wildlife Coexistence: Insights and Strategies for Sustainable Harmony*
 2022 Book Proposal Reviewer, Routledge Environment and Sustainability, *Routledge Handbook of Climate Change and Local Social-Ecological Systems*
 2020 – date Review Editor, Editorial Board for Human-Wildlife Dynamics Specialty Section, *Frontiers in Conservation Science*
 2020 Chapter Reviewer, *The SAGE Handbook for Cultural Anthropology*, SAGE Publications, Inc.
 2018 – date Associate Editor, *Journal of Ethnobiology*
 2014 Reviewer, American Anthropological Association Global Climate Change Task Force, *Changing the Atmosphere: Anthropology and Climate Change* (special report)
 2008 – 2009 Manuscript Editor, *Ecological and Environmental Anthropology*
 2004 – 2006 Managing Editor, *Ecological and Environmental Anthropology*

Manuscript Peer Review

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| <i>African Journal of Ecology</i> | <i>International Journal of Agricultural Resources, Governance and Ecology</i> |
| <i>Ambio</i> | <i>International Journal of Wildland Fire</i> |
| <i>American Anthropologist</i> | <i>Journal for the Study of Religion, Nature & Culture</i> |
| <i>Annals of the Association of American Geographers</i> | <i>Journal of Ecology & the Natural Environment</i> |
| <i>Climate</i> | <i>Journal of Environmental Planning and Management</i> |
| <i>Climatic Change</i> | <i>Journal of Ethnobiology</i> |
| <i>Conservation and Society</i> | <i>Journal of Medicinal Plants</i> |
| <i>Culture & Agriculture</i> | <i>Journal of Raptor Research</i> |
| <i>Ecological Economics</i> | <i>Local Development and Society</i> |
| <i>Ecological & Environmental Anthropology</i> | <i>Mitigation and Adaptation Strategies for Global Change</i> |
| <i>Ecology and Society</i> | <i>Nature Climate</i> |
| <i>Environmental Management</i> | <i>Nature Communication</i> |
| <i>European Journal of Wildlife Research</i> | <i>Sustainability</i> |
| <i>Frontiers in Conservation Science</i> | <i>Weather, Climate, & Society</i> |
| <i>GeoJournal</i> | <i>Wildlife Biology</i> |
| <i>Human Ecology</i> | |
| <i>Human Dimensions of Wildlife</i> | |
| <i>Human Organization</i> | |
| <i>Human-Wildlife Interactions</i> | |

Reviewing Activities for Agencies and Foundations

- 2025 USDA Hatch Grant Funding, University of Hawai'i Manoa, Department of Natural Resources and Environmental Management (reviewed one project proposal – *Building Climate Capacity in Agriculture and Natural Resource Management for Resilience in HI & USAPI*)
- 2024 – date The Explorers Club Washington Group, Exploration and Field Research Grants Program, graduate student research grants
- 2022 EarthWatch Institute Project Reviewer (reviewed one project proposal – *Elephants and Sustainable Agriculture in Kenya: Conservation through Food Security*)
- 2022 Tri-Agency Interdisciplinary Peer Review Committee, Social Sciences and Humanities Research Council of Canada (reviewed 1 Insight Grant proposal – *Human Elephant Conflict in India*)
- 2022 National Science Foundation, Graduate Research Fellowship Program Reviewer, Ecology
- 2021 Fund for Scientific Research, FNRS Community of Belgium (reviewed 1 socio-anthropology proposal – *Alternative Visions for Saving our Planet: Local Anthropocene and Vernacular Transition in Central and Eastern Africa*)
- 2021 National Science Foundation, Human-Environment and Geographical Sciences Programs (reviewed special proposal – *Assessing Connectivity in Human-Elephant Landscapes in India through Interdisciplinary Conservation Research*)
- 2021 International Foundation for Science, Stockholm, Sweden (reviewed 1 social science doctoral proposal – *Poaching, Trade and Role of Critically Endangered Vulture Species in Traditional Medicine in Côte d'Ivoire*)
- 2018 Social Science and Humanities Research Council of Canada (reviewed 1 special proposal)
- 2010, 2014 National Science Foundation, Directorate for Social, Behavioral, and Economic Sciences: Cultural Anthropology (reviewed 2 special proposals)

External Examiner for Masters Dissertations

- 2024 Department of Ecological Sciences, University of KwaZulu-Natal, South Africa; *Aspects of the Ecology and Conservation of Vultures in South Africa*, Ms. Emma B. Laurieston.

External Examiner for Doctoral Dissertations

- 2021 Department of Biological Sciences, University of Cape Town, South Africa; *The Role of Supplementary Feeding Sites in Vulture Conservation in South Africa*, Mr. Christiaan Brink.
- 2018 Department of Biological Sciences, University of Cape Town, South Africa; *The Role of Humans, Climate and Vegetation in the Complex Fire Regime of North-East Namibia*, Ms. Glynis Humphrey
- 2016 Department of Environmental Science, Rhodes University, South Africa; *The Missing Ingredient: Rethinking the Drought Disaster Risk Reduction and Climate Change Adaptation Nexus in Chirumhanzu District, Zimbabwe*, Mr. Mashoko Grey

Committees, Professional & Campus Service

Department Service

2024	Member, Tenure & Promotion Committee for Dr. Madeline Brown
2024 (Sp)	Member, General Environmental Anthropology Hiring Committee
2024	Interim Member, Graduate Education Committee
2024	Chair, Merit Pay Committee
2023-2024	Chair, Urban Environmental Health Hire Search Committee
2023	Draft Contributor, Anthropology Department Self-Study
2023	Chair, Merit Pay Committee
2023	Member, Third-year Review Committee for Dr. Madeline Brown
2022-2023	Member, General Hiring Committee
2022-2023	Member, Urban Environmental Health Hire Search Committee
2022-2023	Interim Director of Graduate Studies
2022	Interim Member, Graduate Education Committee
2021 – 2025	Human Subjects Review Representative
2021 – 2022	Member, Undergraduate Education Committee
2020	Chair, Merit Pay Committee
2019	Member, Ecological & Environmental Anthropology Hire Search Committee
2019 – 2020	Member, Faculty Advisory Committee
2017	Member, Ecological & Environmental Anthropology Hire Search Committee
2016 – 2021	Member, Graduate Education Committee
2016 – date	Faculty Advisor, Department of Environmental Science & Policy
2016 – 2018	co-Developer and co-Host, E-Lunch Brownbag Talk Series
2015 – date	Member, Diversity Committee
2015 - 2016	Representative, Environmental Science and Policy Program
2015 – 2016	Member, Merit Pay Committee
2013 – 2016	Member, Undergraduate Studies Committee
2012 – 2016	Member, Faculty Advisory Committee
2012 – 2015	University Senate Representative

College of Behavioral and Social Sciences Service

2023 – 2024	Member, BSOS Programs, Curricula, and Courses (PCC) Committee & Graduate Subcommittee
2023	Member, Charles A. Caramello Distinguished Dissertation Award BSOS Nomination Committee
2012 – 2021	Member, BSOS Climate Initiative: Climate Change and Inequality
2016 – 2017	Member, UMD College of Behavioral and Social Sciences Awards Committee
2012 – 2013	Member, Search Committee for Associate Professor, Computational Social Sciences, College of Behavioral and Social Science, Fall 2012 & Spring 2013
2012 – 2013	Member, Future of Behavioral and Social Sciences Forum, College of Behavioral and Social Sciences Dean's Office
2012 – 2012	Facilitator, Jane Goodall visit to the University of Maryland, Assisted with visit preparation and led lunch Q&A

University Service

2025 Interim Member, Western Region Evaluation Network, Cooperative Extension Services
 2023-2024 Member, Flagship Fellowship Selection Committee
 2022-2023 Member, Presidents Fellowship Selection Committee
 2022-2023 APT Committee Member, Environmental Science & Policy Program
 2017 Proposal Reviewer, UMD Integrated Agriculture and Natural Resources Extension and Research Program, May 2017
 2014 - 2015 Undergraduate Studies Faculty Fellow, University of Maryland Office of Undergraduate Studies
 2014 – 2015 *The Nile Project* hosted by the Clarice Smith Performing Arts Center, Assisted with development of discussion questions and participated in panel discussion on Nile River water security at the Smithsonian Museum of Natural History.
 2013 Member, Education for Sustainability Work Group, UMD Sustainability Council, Spring & Fall 2013
 2013 Workshop Facilitator, Annual Retreat for Chesapeake Project Faculty Learning Community at the University of Maryland, Office of Sustainability
 2012 – date Chesapeake Faculty Fellow, Chesapeake Project Faculty Learning Community at the University of Maryland, Office of Sustainability

External Service

2025 Member, Comitas Award for Social Innovation and Public Engagement Committee, Society for Applied Anthropology
 2023 – date Member, [Human-Wildlife Conflict & Coexistence Specialist Working Group](#), IUCN (International Union for the Conservation of Nature) Species Survival Commission
 2023 – date Co-Chair, Explorers Club Washington Group Grants Committee
 2022 – 2025 Board of Director’s Member (Class of 2025), Explorers Club Washington Group
 2023-2024 Member, Explorers Club Washington Group Programs Committee
 2023 External Reviewer, 2 APT review cases
 2023 Board of Review Member, Distinguished Conservation Service Award, National Capital Area Council, Boy Scouts of America
 2016 – 2020 Member, Cultural Practices Group, IUCN (International Union for the Conservation of Nature) Commission on Ecosystem Management
 2012 - 2018 Listserve Moderator, Global Climate Change Task Force, American Anthropological Association
 2012 Researcher, Tusonge-CED (Community Economic Development), Kahe Rural Baseline Project, Moshi, Tanzania
 2012, 2013 Presenter, Higher Achievement Summer Academy, DC Metro Area
 2012 Online Expert, Science, Policy and Citizenship: Project on Biodiversity Q & A
 2012 Discussion Facilitator, World Wide Views on Biodiversity, USA – Washington DC, 9/15/12
 1996 Research Volunteer, South Slough National Estuarine Research Reserve, Charleston, OR

OTHER

Professional Memberships

2022 – date Explorer’s Club, National Fellow & Washington Group Member
 2022 – date American Association for the Advancement of Science
 2019 – 2024 Sigma Xi, Full Member (#20199990670)
 2018 – 2020 Raptor Research Foundation
 2018 – 2019 Ornithological Societies of North America
 2006 – 2010,
 2017 – date Society for Conservation Biology, incl. Social Science Working Group
 2017 – date Society of Ethnobiology
 2012 - 2015 Washington Area of Practicing Anthropologists
 2010 – 2022 American Anthropological Association
 2009 – date Society for Applied Anthropology
 2008 – date Fulbright Alumni
 2001 – date Teach for America Alumni

Professional Certifications and Licenses

2025 – 2026 Health Certificate, Guam Department of Public Health and Social Services, Division of Environmental Health, No. 2500015322
 2025 – 2028 Food Safety: Food Handler Class, North American Learning Institute, Certificate #1370245
 2021 – 2024 Adult Mental Health First Aid, National Council for Mental Wellbeing
 2020 – date Covid-19 Contact Tracing, Johns Hopkins University Coursera, Credential ID: 37S39C2YPYTF
 1999 – 2006 Texas Educator Certificate, Classroom Teacher Secondary Biology Grades 6-12, Texas State Board for Educator Certification

Training

2023 *One Health: A Ten Thousand Year-Old View into the Future*, AlaskaX, University of Alaska Fairbanks, Certificate ID: 7f3acfd66801481c835529ec0f1aec82 (20 Feb 2023)

Media Coverage

2025 “[Banana Field Day 2025 draws crowd.](#)” Rick Cruz, *Pacific Daily News*, 2 February 2025. Additional [news video of event.](#)
 2024 “[Can oil workers of the present learn from whalers of the past?](#)” Rachael Grahame, *BSOS Featured Stories*, 24 May 2024.
 2023 “[UOG awarded \\$350K to help market locally-grown food.](#)” Anon., *UOG News & Announcements*, 27 April 2023.
 2022 “[In Vietnam, farmers show a willingness to work with the elephant in the room.](#)” Sean Mowbray, *Mongabay*, 30 September 2022.
 2021 “The Mounting Conflict.” Smrita Chaudhury, *The Assam Tribune:Horizon*, 21 May 2021.
 2021 “[UMD-led Study Suggests that Supporting Indonesian Women in Conservation Science Can Help Save Local Biodiversity.](#)” Samantha Watters, UMD College of Agriculture & Natural Resources News, 30 March 2021.
 2020 “[UMD's SESYNC International Vulture Collaboration Addresses Vulture Poisoning in Southern Africa, a Localized Issue with Global Implications for Disease Control and](#)

- [Biodiversity Conservation](#).” Samantha Watters, UMD College of Agriculture & Natural Resources News, 15 July 2020.
- 2020 “[Writing for a Time of Need](#).” Elysa Webb, *Wiki Edu* blog, 20 April 2020.
- 2019 [The African Vulture Crisis: Causes, Consequences, and Solutions \(English version\)](#). Cornell Lab of Ornithology, 18 August 2019.
- 2017 “[Early Adapters: Columbia’s First Residents Discuss Their Choices for an Oral History Project](#).” Anne Haddad, *Her Mind Magazine*, March/April 2017.
- 2015 “[‘The Nile Project’ at the Clarice Works to Raise Awareness About the Disconnect Between Countries in the River’s Area](#).” *The Diamondback*, 24 April 2015.
- 2013 “[People or Parks: The Human Factor in Protecting Wildlife](#).” Richard Conniff, *Yale Environment 360*, 7 November 2013
- 2013 “Advancing Global Sustainability: Anthropology Leading the Way.” *College of Behavioral and Social Sciences Blog*, September 2013. [URL] <https://bsos.umd.edu/messaging/638>. (archived)
- 2013 “[University transportation habits subject of student-led study](#).” C. Alfaro, *The Diamondback*, 9 May 2013.
- 2013 “[Jerry Jacka from UT San Antonio interviews Jen Shaffer from the University of Maryland](#).” *Anthropology and Environment Society Junior Scholar Award finalist*, May 2013.
- 2012 “Agriculture and adaptation from Africa to the Andes.” *Changing the Atmosphere, Anthropology News*, October 2012. (archived)