

Jacqueline Michelle Vadjunec

Associate Director, IREES

Professor, Department of Geography &
Environmental Sustainability (DGES)
Sarkeys Energy Center Suite 510
Norman, Oklahoma 73019
100 East Boyd Street
Email: jvadjunec@ou.edu

NSF CMMI "Experiencing Drought" webpage: <https://biosurvey.ou.edu/Grasslands/main.html>
USDA/NIFA "ARID" webpage: <https://arid.nmsu.edu/>

EDUCATION

PhD, 2007, Clark University (Geography), Primary Advisor: Billie Lee Turner II
MA, 2005, Clark University (Geography)
BA, 1997, Bucknell University (Geography and English)

FIELDS OF STUDY

The Human Dimensions of Global Environmental Change
Cultural and Political Ecology
People, Trees, and Forests/Common Property Theory/Group and Household Decision-making Environmental
Governance and Land-Use/Land-Cover Change (LULCC)
Farmer/Rancher Adaptation to Drought/Management of Slow Onset Disasters

SKILL AREAS

Remote Sensing, GIS, Statistics, Mixed & Participatory Methods, Portuguese

ACADEMIC POSITIONS AND RELATED PROFESSIONAL EXPERIENCE

Institute for Resilient Environmental and Energy Systems, Associate Director (0.25 FTE), work to support and create opportunities for the VPRP funded, university-wide center as part of the University of Oklahoma's Strategic plan which supports the strategic research vertical of energy, environment, and sustainability. August 2023-present.

Dean's Office Faculty Fellow for Strategic Research Initiatives (0.25 FTE), College of Arts and Sciences (CAS), Oklahoma State University, Stillwater, OK. In this position which I pitched, proposed and conceptualized, I drew on my NSF PO skills to work with the CAS Associate Dean of Research in development and support of transdisciplinary research initiatives both within CAS as well as across colleges. Workshops offered included, adding the A(rts) to STEM proposals (STEAM+), effective transdisciplinary team building, how to integrate Broader Impacts and DEI initiatives in ways that strengthen the Intellectual Merit of proposals, venues for funding human-environment nexus research, and tips for navigating NSF, among others. August 2022-2023.

National Science Foundation (NSF) Program Director, Geography and Spatial Sciences (GSS), Visiting Scientist, Behavioral and Cognitive Sciences (BCS). I also have experience as a Program Director supporting various *transdisciplinary programs* including, Dynamics of Integrated Socio- Environmental Systems (CNH2/DISES), Coastlines and People (CoPe), Innovations at the Nexus of Food, Energy, and Water Systems (INFEWS), Signals in the Soil (SiTs), Navigating the New Arctic (NNA), and COVID-19 RAPIDS. August 2018-2020.

Dean's Office Faculty Fellow for Community Engagement (0.25 FTE), College of Arts and Sciences (CAS), Oklahoma State University, Stillwater, OK. Served as a community liaison for supporting community- engaged research between OSU, researchers, and local communities. Performed faculty outreach, led the community engaged faculty research award grant competition. Organized OSU's campus-wide first national "Citizen Science Day." August 2017-2018.

Full Professor, Department of Geography and Environmental Sustainability, University of Oklahoma, August 2023-present.

Full Professor, Department of Geography, Oklahoma State University, July 2020-August 2023.

Associate Professor, Department of Geography, Oklahoma State University, August 2013-2020

Assistant Professor, Department of Geography, Oklahoma State University, August 2007-2013.

AWARDS and HONORS

2022	Regents Professor Nomination, OSU, Stillwater, OK
2020	National Special Service Award, National Science Foundation (NSF), Alexandria, VA
2014	Junior Faculty Research Award, OSU, Stillwater, OK
2014	National Council for Geographic Education (NCGE), Distinguished Teaching Award
2012	Regent's Distinguished Teaching Award for the College of Arts and Sciences, OSU, Stillwater, OK
2011	Outstanding Advisor, College of Arts and Science, OSU, Stillwater, OK
2010	Outstanding Teacher's Award, Department of Geography, OSU, Stillwater, OK
2009	Outstanding Teacher's Award, Department of Geography, OSU, Stillwater, OK
2007	Induction into Phi Beta Delta, Epsilon Upsilon Chapter honoring scholarly achievement in International Education, OSU
1998	Outstanding Teacher's Award, Baltimore City Public Schools
1997	José Martí Award for Social Justice in the Americas, Bucknell University
1996	Summer Research Grant, Bucknell University

PUBLICATIONS (* denotes external peer-reviewed)

Edited Books, Volumes, & Special Issues

- J. Vadjunec, T., T. Fagin, T. Lavanchy, B. Hoagland, K. Zeigler, invited guest editors. Special Issue: Water in Land System Science. In process for LAND for final publication in Spring 2023 (2 of 5 articles published).
https://www.mdpi.com/journal/land/special_issues/water_land_science
- A. Frazier, J. M. Vadjunec, P. Kedron, and T. Fagin, eds. "Linking Landscape Ecology and Land System Architecture for Land System Science." Special Issue for *The Journal of Land Use Science (JLUS)* Volume 14 (2019).*
- C. Radel and J. Vadjunec, Eds. 2017. *Changing Land Use, Changing Livelihoods*. Basel: MDPI AG. Published as a special issue 2015-2016 in *Land*. *http://www.mdpi.com/journal/land/special_issues/landuse_livelihoods
- J. Vadjunec and M. Schmink, Eds. 2014. *Amazonian Geographies: Emerging Identities and Landscapes*. London: Routledge. Also published as a hardcopy in 2012, and in 2011 as Guest Edited Peer- Reviewed Special Issue on New Amazonian geographies: emerging identities and landscapes. *The Journal of Cultural Geography (JCG)* 28(1): 1-224.*
- C. Brannstrom and J. Vadjunec, Eds. 2013. *Land Change Science, Political Ecology and Sustainability: Synergies and Divergences*. London: Earthscan/Routledge. (*editor reviewed)

Refereed Articles and Book Chapters (* denotes external peer-reviewed)

- D. R. Lightfoot, A. Finchum, J. Vadjunec, J. Andrews, and J. Odenwald. 2023. Traditional Environmental Knowledge and Transport Efficiency of a Communal Canal Network, Tafilalt Oasis, Morocco: A Historical GIS Analytics Perspective. *Journal of Historical Geography*, 80, 79-93.
- J. Vadjunec, N. Colston, T. Fagin, A. Boardman,[#] and B. Birchler[#]. 2022. Fostering Resilience and Adaptation to Drought in the Southern High Plains: Using Participatory Methods for More Robust Citizen Science. *Sustainability*, 14, 1813.* <https://doi.org/10.3390/su14031813> ^{#graduate student}
- J. Vadjunec, A. Boardman[#], T. Fagin, M. Larson, B. Birchler[#], and P. Kedron. 2021. Footprints from the Dust Bowl: Using Historical Geographic Information Systems (HGIS) to Explore Land Access, Use, and Survivability in “No Man’s Land.” *Annals AAG* (111): 1906-1930. * ^{#graduate student}
- J. Vadjunec. A Place for Serendipitous Mistakes? Selling Mixed Methods Fieldwork to Students in a Digital Age. In *Geographical Fieldwork in the 21st Century*, Edited by K. McSweeney and A. WinklerPrins. 2021. New York: Routledge, Ch2.* Also in *Geographical Review*: June 2019, special issue on Fieldwork in Geography. <https://doi.org/10.1111/gere.12368> *
- A. Frazier, J. Vadjunec, P. Kedron, and T. Fagin. “Linking landscape ecology and land system architecture for land system science: an introduction to the special issue. *Journal of Land System Science (JLUS)*: Aug. 30, 2019. <https://doi.org/10.1080/1747423X.2019.1660728> *
- V.A. Gomes, A. Alencar, J. Vadjunec, L.M. Pacheco. 2018. Extractive Reserves in the Brazilian Amazon thirty years after Chico Mendes: social movement achievements, territorial expansion, and continuing struggles. *Desenvolv. Meio Ambiente*, v. 48, Edição especial: 30 Anos do Legado de Chico Mendes, p. 74-98, novembro 2018. *
- N. Colston, J. Vadjunec, and T. Fagin. 2018. “It Is Always Dry Here: Examining Perceptions about Drought and Climate Change in the Southern High Plains” *Environmental Communication*. DOI: [10.1080/17524032.2018.1536071](https://doi.org/10.1080/17524032.2018.1536071) *
- F. Gebresenbet,[#] Bauer H., Vadjunec J.M., and Papeş M.. 2018. Beyond the numbers: human attitudes and conflict with lions (*Panthera leo*) in Gambella National Park, Ethiopia. *PLoS ONE* 13(9): e0204320. <https://doi.org/10.1371/journal.pone.0204320> * ^{#graduate student}
- J. Vadjunec, A. Frazier, P. Kedron, T. Fagin, Y. Zhao[#]. 2018. A Land Systems Science Framework for Bridging Land System Architecture and Landscape Ecology: A Case Study from the Southern High Plains. *Land* 2018, 7, 27.* ^{#graduate student}
- J. Vadjunec. 2017. Solidarity Science: Reflections, negotiations and experiences with doing research on the ground with *Proambiente* and Chico Mendes and the Rubber Tappers’ Movement in Acre, Brazil. In *Everyday Experts: How People's Knowledge Can Transform the Food System*. Anderson, C.R. Buchanan, C., Chang, M., Sanchez, J., and T. Wakeford (Eds.) Reclaiming Citizenship and Diversity series hosted by the Centre for Agroecology, Water and Resilience (CAWR) Coventry University, Coventry, UK, 281-290.*
- S. Siewe[#], J. Vadjunec, and B. Caniglia. 2017. The Politics of Land Use in the Korup National Park. *Land* 6(1), 7; DOI:[10.3390/land6010007](https://doi.org/10.3390/land6010007).* ^{#graduate student}
- K. Wenger[#], J. Vadjunec, and T.D. Fagin. 2017. Groundwater governance and the growth of center pivot irrigation in Cimarron County, OK and Union County, NM: Implications for community vulnerability to drought. *Water* 9(1) 39, DOI:[10.3390/w9010039](https://doi.org/10.3390/w9010039).* ^{#graduate student}
- J. Vadjunec, C. Radel, B.L. Turner II. 2016. Introduction: The Continued Importance of

Smallholders Today. *Land* 5(4): 34; DOI:[10.3390/land5040034](https://doi.org/10.3390/land5040034) (see edited special issue above).
(*editor/ board reviewed)

- T. D. Fagin, J. Vadjunec, N. Colston, K. Wenger[#], and A. Graham[#]. 2016. Landscape tenure and landscape change: A comparison of public-private lands in the southern High Plains. *Ecological Processes*, 5:12, DOI: 10.1186/s13717-016-0056-2* ^{#graduate student}
- N. Colston, N., J. Vadjunec, and T. Wakeford. 2015. Exploring the entry points for citizen science in urban sustainability initiatives. *COSUST* 17: 66-71.*
- N. Colston[#], and J. Vadjunec. 2015. A critical political ecology of consensus: On “teaching both sides” of climate change controversies. *Geoforum* 65: 255-265. * ^{#graduate student}
- R. Sheehan, and J. Vadjunec. 2015. Roller Derby’s Publicness: Towards Greater Recognition of Diverse Genders and Sexualities in the Bible Belt. *Gender, Place, and Culture* (online)*
Available on IFirst [online] URL <http://dx.doi.org/10.1080/0966369X.2015.1013453>
- M. Schmink, A. Duchelle, J. Hoelle, M.V. D’Oliveira, J. Vadjunec, and R. Wallace. 2014. Forest Citizenship in Acre, Brazil. IUFRO/WSFE 2014 Publication: *Forests Under Pressure: Local Responses to Global Issues*. Ed. By P. Katila et al. Vienna: IUFRO, pgs. 31-48.*
- C. Brannstrom and J. Vadjunec. 2013. Introduction. *Land Change Science, Political Ecology and Sustainability: Synergies and Divergences*. London: Earthscan/Routledge, pgs 1-23.
- R. Sheehan and J. Vadjunec. 2012. Placing community through Actor-Network Theory in Oklahoma’s No Man’s Land. *Social and Cultural Geography* 13(8): 915-936.*
Available on IFirst [online] URL <http://www.tandfonline.com/doi/full/10.1080/14649365.2012.728616>
- C.V. Gomes, S. Perz, and J. Vadjunec. 2012. Convergence and contrasts in the adoption of cattle ranching: Comparisons of smallholder agriculturalists and forest extractivists in the Amazon. *Journal of Latin American Geography (JLAG)* 11(1): 99-120.*
- C.V. Gomes, J.Vadjunec, and S. Perz. 2012. Rubber Tapper Identities: Political-Economic Dynamics, Livelihood Shifts, and Environmental Implications in a Changing Amazon. *Geoforum*. 43: 260- 271.*
[online] URL:<http://www.sciencedirect.com/science/article/pii/S0016718511001771>
- J. Vadjunec. 2011. Extracting a livelihood: Institutional explanations of deforestation in the Chico Mendes Extractive Reserve, Acre, Brazil. *Journal of Latin American Geography (JLAG)* 10(1): 151-174.*
- J. Vadjunec, M. Schmink, and A.L. Greiner. 2011. New Amazonian geographies: emerging identities and landscapes. *The Journal of Cultural Geography (JCG)* 28(1): 1-20. Also in *Amazonian geographies: emerging identities and landscapes*, 2012, J. Vadjunec and M. Schmink, eds. London: Routledge, 1-20.
- J. Vadjunec, M. Schmink, and C.V. Gomes. 2011. Rubber tapper citizens: emerging institutions, policies, and identities in Acre, Brazil. *The Journal of Cultural Geography (JCG)* 28(1): 73-98. Also in *Amazonian geographies: emerging identities and landscapes*, 2012, J. Vadjunec and M. Schmink, eds. London: Routledge, 73-98.*
- B. Schmook, R. Palmer Dickson, F. Sangermano, J.M. Vadjunec, and J. Rogan. 2011. A step-wise land- cover classification of the Tropical forests of the Southern Yucatan, Mexico. *International Journal of Remote Sensing (IJRS)* 32(4): 1139-1164.*
- J. Vadjunec and R. Sheehan. 2010. Ranching and state school lands in Cimarron County, Oklahoma. *Great Plains Research* 20(1): 163-178.*

- J. Vadjunec, and D. Rocheleau. 2009. Beyond forest cover: land-use and biodiversity impacts in rubber trail forests of the Chico Mendes Extractive Reserve. *Ecology and Society* 14(2): 29.* [online] URL: <http://www.ecologyandsociety.org/vol14/iss2/art29/>
- J. Vadjunec, C.V. Gomes, and T. Ludewigs. 2009. Land-use/cover-change among rubber tappers in the Chico Mendes Extractive Reserve, Acre, Brazil. *Journal of Land Use Science* 4(4): 249- 274.*
- J. Vadjunec L. Schneider, and B.L. Turner II. 2002. Land-change science: The contributions of Latin Americanist geographers to global environmental change research. In *Latin America in the 21st Century: Challenges and Solutions*. Ed. by G. Knapp. Austin: University of Texas Press.*

Op-Eds, Book Reviews and Other Publications (*editor reviewed)

- J. Vadjunec. 2016. How Woody Guthrie can help us fight for science. *Nature*: 540: 485.*
- J. Vadjunec. 2011. Proambiente: Initial lessons from an Environmental Service Program in the Brazilian Amazon. Global Land Project (GLP) News 2: 22-24.*
- J. Vadjunec. 2009. “Book Review: A New Green History of the World: The Environment and the Collapse of Great Civilizations.” By C. Ponting. *The Holocene* 19: 1258-1259.*

Additional Manuscripts in Process/Under Review/Accepted

- S. Bandyopadhyay# and J. Vadjunec. The political ecology of adaptation in a Himalayan plantation landscape- A case study in Kurseong, India. Status: submitted to *Asian Geographer*, December 2022, under revision. #graduate student
- J. Vadjunec, T. Fagin, A. Straub#, and A. Boardman#. Becoming drought proof: water governance, conservation subsidies, and socioecological resilience in a tri-state area. In final draft to be submitted to **LAND**, Fall 2023 (special issue, below). #graduate student
- S. Bandyopadhyay, # J. Vadjunec A. Mathews . Land-use/land-cover change and impacts on landslide vulnerability in the Kurseong, India. In advanced draft to be submitted to the *Journal of Land Use Studies (JLUS)* in Fall 2023. #graduate student
- J. Vadjunec, T., T. Fagin, T. Lavanchy, B. Hoagland, K. Zeigler, invited guest editors. *Intro to the Special Issue: Water in Land System Science*. In process for **LAND** for publication in Spring 2024. https://www.mdpi.com/journal/land/special_issues/water_land_science

INVITED PRESENTATIONS

- J. Vadjunec, “Geography as Bridge, Bricolage, & Care: An example from the Southern Great Plains (SPG), USA.” Guest speaker at the National Science Foundation (NSF), Social, Behavioral, and Economic Sciences, Alexandria, Virginia (May 2023).
- J. Vadjunec, “Center Pivot Irrigation (CPI) and Agroecological Resilience among Agriculturalists in a Transboundary Area: Rethinking Jevons’ Paradox in the Southern Great Plains (SPG),” Guest Speaker at University of Oklahoma, Department of Geography and Environmental Sustainability (DGES), Norman, OK (April 2023).
- J. Vadjunec, “Conservation Debates, Charismatic Species, and the Lesser Prairie Chicken. Guest speaker at Dr. Mullenbach’s GEOG *Environment and Society* seminar, University of Oklahoma, Department of Geography and Environmental Sustainability (DGES), Norman, OK (April 2023).
- J. Vadjunec, “Cannabis and Water Conflict.” Guest speaker at Dr. Jespon’s GEOG capstone seminar. Texas A&M, College Station, TX (September 2022).

- J. Vadjunec, "Setting a Research Agenda in the Social Sciences at OSU." Fall New Faculty Orientation, Oklahoma State University (OSU), Stillwater, OK (August 2022).
- J. Vadjunec, "Cannabis, Water, and Agricultural Transitions: Observations from a "Never in my Lifetime" Unlikely Field Site. Guest speaker at Water, Sustainability and the Commons: Pathways to Water and Food Security workshop, University of Waterloo, Canada (June 2022).
- J. Vadjunec, "Getting Funded: Opportunities for Geographers and Other Human-Environment types." Guest speaker at New Mexico State University (NMSU), Department of Geography, Las Cruces, NM (March 2022).
- J. Vadjunec, "Getting a Doctoral Dissertation Research Grant (DDRI) at NSF." Guest speaker at New Mexico State University (NMSU), Department of Geography, Las Cruces, NM (March 2022).
- J. Vadjunec, "ARID Project Update," Guest speaker at the Annual NE Soil and Water Conservation District Meeting, Clayton, NM (February 2022).
- J. Vadjunec, "Ethical Dimensions of Big Data in Environmental Science & Related Fields: Thoughts from a Muddy Boots Geographer." Guest speaker at the Coalition for Advancing Digital Research and Education (CADRE) conference, Oklahoma State University, Stillwater, OK (April 2021).
- J. Vadjunec, "Ethical Dimensions of Big Data, Replicability, & Mixed Methods in Spatial Analysis." Guest speaker at the AAG-sponsored, "Ethics in Spatial Analytics" Webinar, co-sponsored with Arizona State University's Spatial Analysis Research Center (SPARC), Phoenix, AZ (February 2021).
- J. Vadjunec. "Research in the Time of COVID-19." Guest Colloquium Speaker at Penn State University (PSU), State College, PA (February 2021).
- J. Vadjunec. "Final Project Update: Land System Vulnerability and Resilience to Drought: A Multi-Scalar, Comparative Analysis of Public and Private Lands in the American West," Guest speaker at the Northeastern Soil and Water Conservation District Annual Water Meeting, Clayton, New Mexico (March 2018).
- J. Vadjunec. "Re-imagining the "Human" in Coupled Natural and Human Systems (CNH): A Case for Citizen Science? Guest speaker at the National Science Foundation (NSF), Social, Behavioral, and Economic Sciences, Alexandria, Virginia (January 2018).
- J. Vadjunec. "Footprints from the Dust Bowl: Predicting Vulnerability and Resilience to Drought among Agriculturalists in the American West" Guest Colloquium Speakers at Kansas State University, Manhattan, Kansas (November 2017).
- J. Vadjunec. "From Past to Present: Footprints from the Dust Bowl." Guest Speaker at the Annual Dust Bowl Dinner, Cimarron Heritage Center, Boise City, Oklahoma (April 2017).
- J. Vadjunec. "Technology, Resilience and Adaptation to Drought," Guest speaker at the Northeastern Soil and Water Conservation District Annual Water Meeting, Clayton, New Mexico (March 2017).
- J. Vadjunec. "Experiencing Drought in the Grasslands of the American West," Guest speaker at the Northeastern Soil and Water Conservation District Annual Water Meeting, Clayton, New Mexico (April 2016).

- J. Vadjunec. "Land System Vulnerability and Resilience to Drought: A Multi-Scalar, Comparative Analysis of Public and Private Lands in the American West," Guest speaker at the Northeastern Soil and Water Conservation District Annual Water Meeting, Clayton, New Mexico (March 2014).
- J. Vadjunec. "New Amazonian Geographies: Florestania, Environment, and Identity in Acre, Brazil." Colloquium speaker, Department of Geography and Environmental Sustainability, University of Oklahoma (March 2012).
- J. Vadjunec. "We're called No Man's Land for a Reason": The Political Ecology of Land Use, Public Lands, and Contested Frontiers in Oklahoma's Cimarron County. Guest Colloquium speaker, Department of Geography, Texas A&M (Oct. 2011).
- J. Vadjunec. Tapping into 'Florestania': New Amazonian Geographies, Changing Land-Use and Emerging Identities in Acre, Brazil. Guest speaker- Distinguished Alumni Geography Conference, Department of Geography, Bucknell University (Feb. 2011).
- J. Vadjunec. Invited Panelist. Geographers' Views: Local environmental struggles, global context, Department of Geography Bucknell University (Feb. 2011).
- J. Vadjunec. Doing community development: lessons from the field. Guest lecture at the Cherokee National Headquarters, Tahlequah (May 2008).
- J. Vadjunec. Scale and strategy in land-use analysis of environmental service programs in the tropics: Inserting biodiversity into the equation. Guest Colloquium speaker, Department of Botany, OSU, Stillwater (Feb. 2008).

PRESENTATIONS AT PROFESSIONAL MEETINGS

- J. Vadjunec, T. Fagin, A. Straub,[#] and B. Carrasco,[#] Center Pivot Irrigation (CPI) and Agroecological Resilience among Agriculturalists in a Transboundary Area: Rethinking Jevons' Paradox in the Southern Great Plains (SPG), Association of American Geographers (March 2023, Denver, CO). *#graduate student*
- B. Carrasco,[#] J. Vadjunec, and T. Fagin, Sun, soil, and stock: Agroecosystem resilience in the Southern Great Plains, Association of American Geographers (March 2023, Denver, CO). *#graduate student*
- B. Carrasco,[#] J. Vadjunec, and T. Fagin. Drought, agricultural subsidies, & irrigation: A cautionary tale from Cimarron County, OK and Union County, NM. OU GIS Day, University of Oklahoma, Norman, OK (Dec. 2022) *#graduate student*
- T. Fagin, J. Vadjunec, and A. Boardman. [#] Participatory Mapping with sUAS: An Example from the Southern Great Plains, Association of American Geographers (March 2022, virtual). *#graduate student*
- B. Carrasco[#], J. Vadjunec, T. Fagin, and C. Taylor.& Lessons from the archives: The importance of understanding historical agriculture and change in the Southern Great Plains. Association of American Geographers (March 2022, virtual). *#graduate student & undergraduate student*
- B. Carrasco[#], J. Vadjunec, T. Fagin, A. Straub[#], and A. Boardman,[#] "Becoming Drought Proof? The Role of Subsidies in Land and Water Use." Southwest Association of American Geographers (SWAAG), Oklahoma City, OK (October 2021). *#graduate student*
- J. Vadjunec. "The Future of Land Systems Science" panelist. American Association of Geographers (AAG) Annual Meeting, Washington, DC (April 2019).

- A.L. Boardman, # J.M. Vadjunec, and T. Fagin. "UAS imagery in participatory research: Helping ranchers track woody plant encroachment in the Southern Great Plains." American Association of Geographers (AAG) Annual Meeting, Washington, DC (April 2019). *#graduate student*
- J. Vadjunec. Integrating Culture Into Land System Science. Panel Presentation, American Association of Geographers Annual Meeting, April 10-15, 2018, New Orleans, LA.
- A.L. Boardman#, J.M. Vadjunec, and T. Fagin. Corporatization, Conservation, and Corn: Shifting Patterns of Agricultural Subsidies in the Southern Great Plains. Poster Presentation, American Association of Geographers Annual Meeting, April 10-15, 2018, New Orleans, LA. *#graduate student*
- F. Ramirez Saenz#, A.L. Boardman#, J.M. Vadjunec, T. Fagin, and H. Harrison*. Gendered Differences to Climate Variability in the Southern Great Plains. Poster Presentation, American Association of Geographers Annual Meeting, April 10-15, 2018, New Orleans, LA. *#graduate student, *undergraduate student*
- J. Vadjunec, P. Kedron, and A.L. Boardman##. The High Plains Aquifer (HPA) as Hyperobject: Re-imagining New Water Regimes in a Transboundary Area. Oral Presentation, American Association of Geographers Annual Meeting, April 10-15, 2018, New Orleans, LA. *#graduate student*
- F. Ramirez Saenz#, A. Boardman#, J. Vadjunec, and T. Fagin. Drought, Gender, and Vulnerability in the Great Plains. Oklahoma Natural Resource Conference. Tulsa, OK (Feb 2018). *#graduate student*
- J. Vadjunec, T. Fagin, and N. Colston. Fostering Resilience and Adaptation to Drought in the High Plains: Ethically Engaging Communities Throughout the Research Process. Citizen Science Association Conference. Twin Cities, MN (May 2017).
- N. Colston, J. Vadjunec, and T. Fagin. What Is the Role of Academic-Community Partnership Capacity in Adaptive Drought Communication? Lessons from Open Public Meetings. Citizen Science Association Conference. Twin Cities, MN (May 2017).
- J. Vadjunec, C. Radel, and B.L. Turner II. A place for smallholders. American Association of Geographers. Boston, MA (April 2017).
- F. Ramirez Saenz#, A. Boardman#, J. Vadjunec, and T. Fagin. Drought, Gender, and Vulnerability in the Great Plains. Oklahoma Natural Resource Conference. Tulsa, OK (Feb 2018). *#graduate student*
- J. Vadjunec, T. Fagin, and N. Colston. Fostering Resilience and Adaptation to Drought in the High Plains: Ethically Engaging Communities Throughout the Research Process. Citizen Science Association Conference. Twin Cities, MN (May 2017).
- N. Colston, J. Vadjunec, and T. Fagin. What Is the Role of Academic-Community Partnership Capacity in Adaptive Drought Communication? Lessons from Open Public Meetings. Citizen Science Association Conference. Twin Cities, MN (May 2017).
- J. Vadjunec, C. Radel, and B.L. Turner II. A place for smallholders. American Association of Geographers. Boston, MA (April 2017).
- A. Boardman*, B. Birchler#, T. Fagin, P. Kedron, M. Larson, J. Vadjunec. Surviving "No Man's Land": Using Historical Geographic Information Systems (HGIS) to explore family history, resource access and land-use/land-cover change in Cimarron County, Oklahoma. American Association of Geographers. Boston, MA (April 2017). *#graduate student, *undergraduate student*
- B. Birchler#, J. Vadjunec, A. Boardman*, T. Fagin, and P. Kedron. Mapping vulnerability to hazards and the effects of technology on building socio-ecological resilience in America's Southern High Plains.

American Association of Geographers. Boston, MA (April 2017). *#graduate student, *undergraduate student*

- A. Straub[#], K. Wenger[#], J. Vadjunec, T. Fagin, and P. Kedron (2017). Land-Use and Land-Cover Change (LULCC) in Union County, NM and Cimarron County, OK: A comparative study on center pivot irrigation (CPI) growth and factors influencing its use. American Association of Geographers. Boston, MA. *#graduate student*
- B. Birchler[#], A. Boardman^{*}, J. Vadjunec, T. Fagin, and M. Larson. Participatory mapping; Vulnerabilities to hazards and the effects of technology use for creating socio-ecological resilience in America's Southern High Plains.. Oklahoma Natural Resource Conference (OKNRC). Tulsa, OK. (Feb. 2017) *#graduate student, *undergraduate student*
- J. Vadjunec, A. Frazier, T. Fagin, K. Wenger[#], P. Kedron. Land and Water Governance in a Transboundary Region of the High Plains. Kansas Natural Resource Conference. Wichita, KS (Jan 2017). *#graduate student*
- K. Wenger[#], J.M. Vadjunec, and T. Fagin. Mapping and evaluating land-use and land-cover change in Union County, NM and Cimarron County, OK: Growth of center pivot irrigation (CPI) and its influences. GIS Day at the Capitol. Oklahoma City, OK (Dec. 2016). *#graduate student*
- K. Wenger[#], J. Vadjunec, and T. Fagin. 2016. Groundwater Governance and the Growth of Center Pivot Irrigation in Cimarron County, OK and Union County, NM: Implications for Community Resilience to Drought. Oklahoma Governor's Water Conference. Norman, OK (Oct. 2016). *#graduate student*
- J. Vadjunec (*presenter*). 2016. From quality products to products of power and empowerment: Lessons from Political Ecology for Post-Normal, Citizen and DIY Science. Presented at The New Currents in Science: Challenges of Quality, EU Joint Research Centre, Ispra, Italy.
- N. Colston (*presenter*), J. Vadjunec, and T. Fagin. 2015. Adapting to drought in the Southern High Plains: A comparative analysis of drought perceptions and adaptive strategies. Oklahoma Governor's Water Conference. Norman, OK (Dec. 2015).
- J. Vadjunec (*presenter*), T. Fagin, N. Colston, A. Graham[#], & K. Wenger[#]. Contested Frontiers: Governance, Land-Use/Land-Cover Change (LULCC) and Vulnerability to Drought in the Grasslands of the American West. Association of American Geographers (AAG) Annual Meeting. Chicago, IL (April 2015). *#graduate student*
- K. Wenger[#] (*presenter*) and J. Vadjunec. Land Change and Vulnerability to Drought: Impact and growth of Center Pivot Irrigation in Union County, NM and Cimarron County, OK. Association of American Geographers (AAG) Annual Meeting. Chicago, IL (April 2015). *#graduate student*
- N. Colston (*presenter*) & J. Vadjunec. Land Systems Science and the Future Earth: Addressing the Communication Challenges to Global Sustainability Research. Association of American Geographers (AAG) Annual Meeting. Chicago, IL (April 2015).
- J. Vadjunec, T. Fagin (*presenter*), N. Colston, A. Graham[#] (*presenter*), and K. Wenger[#]. Project Update 2015: Adapting to Drought in the Grasslands of the American West. Northeastern Soil and Water Conservation District Annual Water Meeting, Clayton, New Mexico (April 2015). *#graduate student*
- N. Colston (*presenter*), J. Vadjunec (*presenter*), and T. Fagin. Tackling drought in the Great Plains: Exploring the scalar challenges to the co-management of water resources. Citizen Science 2015 Conference. San Jose, CA (Feb 2015)
- N. Colston, T. Fagin, A. Graham[#], J. Vadjunec, and K. Wenger[#]. Governance and land-use/land-cover change in

- the Southern Great Plains: A case study from Cimarron County, OK and Union County, NM.” South West Association of American Geographers (SWAAG), Albuquerque, NM (October 2014). *#graduate student*
- J. Vadjunec (*presenter*) and C. Brannstrom. A unified human-environment: A hybrid LCS-PE approach for sustainability science Global Land Project Open Science Meeting, Berlin, Germany (March 2014).
- J. Vadjunec (*presenter*) and C. Brannstrom. Land Change Science, Political Ecology and Sustainability: Synergies and Divergences. Association of American Geographers (AAG) Annual Meetings, LA, CA (March 2013).
- A. Graham[#], T. Fagin, J. Vadjunec, and B. Phillips. Persistent Drought, Land Tenure, and Land Cover Change in the Southern Great Plains: A Case Study from Cimarron County, OK and Union County, NM. Association of American Geographers (AAG) Annual Meetings, LA, CA (March 2013). *#graduate student*
- J. Vadjunec (*panelist*). Solidarity Science. Sponsored by the Socialist and Critical Geography Specialty Group and the Indigenous Peoples Specialty Group. Association of American Geographers (AAG) Annual Meetings, LA, CA (March 2013).
- J. Vadjunec. (*presenter*), and D. Rocheleau. The politics of livelihood and the livelihood of politics: The political ecology of people, forests, place, and Payments for Environmental Services (PES) in Mexico and Brazil. Southeastern Council of Latin American Studies (SECOLAS) Annual Meetings, Gainesville, FL (March 2012).
- J. Vadjunec. “This forest is my life-blood”: Exploring complex relationships b/t people and plants among rubber tappers in the Chico Mendes Extractive Reserve, Acre, Brazil. Association of American Geographers (AAG) Annual Meetings, NYC, NY (Feb. 2012).
- D. Salisbury (*presenter*), J. Vadjunec, J.H. Jump*, A. Cartagena, J. W. Vela Alvarado, and Grupo de Monitoreo de Megaproyectos de Ucayali, Peru. Modeling Deforestation of Road and Rail along a Southwestern Amazon Integration Corridor. Association of American Geographers (AAG) Annual Meetings, NYC, NY (Feb. 2012). *#undergraduate student*
- R. Sheehan (*presenter*), and J. Vadjunec. Roller Derby Geographies of Gender and Sexuality in the Bible- Belt. Association of American Geographers (AAG) Annual Meetings, NYC, NY (Feb. 2012).
- R. Sheehan and J. Vadjunec. “We’re called No Man’s Land for a reason”: The political ecology of land-use, drought, and contested frontiers in Oklahoma’s Cimarron County. South West Association of American Geographers (SWAAG) Annual Meeting, Austin, TX (Nov. 2011).
- J. Vadjunec (*presenter*), and R. Sheehan. “Common misery and common success”: Community as common being in Oklahoma’s “No Man’s Land.” Association of American Geographers (AAG) Annual Meetings, Seattle, WA (April 2011).
- R. Sheehan (*presenter*), and J. Vadjunec. “The only policy necessary is the ‘mind your own business policy’”: Community as being-in-common in Oklahoma’s “No Man’s Land.” Association of American Geographers (AAG) Annual Meetings, Seattle, WA (April 2011).
- J. Jump*, D. Salisbury, and J. Vadjunec. Indigenous Communities, Natural Resource Management, and Conservation Strategies in the Peruvian Amazon. Association of American Geographers (AAG) Annual Meetings, Seattle, WA (April 2011). **undergraduate student*
- J. Vadjunec (*presenter*), M. Schmink, and C.V. Gomes. Urban Rubber Tappers? Florestania and Complex Rural-Urban Identities in Acre, Brazil. Society for Amazonian and Andean Studies Biennial Conference, Gainesville, FL (Nov. 2010).
- J. Vadjunec. Proambiente: Initial lessons from an environmental service program in Amazonia. Global Land

Project Open Science Meeting, Phoenix, AZ (Oct. 2010).

- J. Vadjunec (*presenter*), M. Schmink, and C.V. Gomes. Rubber tapper citizens: Emerging institutions, policies, and identities in Acre, Brazil. Association of American Geographers (AAG) Annual Meetings, D.C. (April 2010).
- J. Porter, R. Sheehan, and J. Vadjunec. Contesting Frontiers in No Man's Land: Ranching and Surface Land Leasing of State School Lands in Cimarron County, Oklahoma. South West Association of American Geographers (SWAAG) Annual Meeting, Little Rock (Oct. 2009).
- J. Vadjunec. Investing in the Commons for Sustainable Development in Amazonia? A People and Parks Approach. Latin American Studies Association Annual Meeting, Rio De Janeiro (June 2009).
- J. Vadjunec. Greening Smallholders in Amazonia: The Social, Economic, and Environmental Implications of Proambiente. Association of American Geographers (AAG) Annual Meetings, Las Vegas (March 2009).
- J. Vadjunec. 20 years after Chico Mendes. Southeast Conference on Amazonian and Andes Studies, Boca Raton (Sept. 2008).
- J. Vadjunec. Tapping the forest: Multi-scalar approaches to understanding institutions, identity and social movements in Acre, Brazil. AAG Annual Meetings. Boston (April 2008).
- J. Vadjunec. Institutional and Social Dimensions of Deforestation in the Chico Mendes Extractive Reserve, Acre, Brazil. AAG Annual Meetings, San Francisco (April 2007).
- J. Vadjunec. The Environmental Implications of Household Land-Use Decisions on Forests in the Chico Mendes Extractive Reserve, Acre, Brazil. AAG Annual Meetings, Chicago (March 2006).
- J. Ronald Eastman, B.I. Schmook, R. Palmer Dickson, F. Sangermano, and J.M. Vadjunec. Land Cover Classification of the Southern Yucatan Peninsular Region. AAG Annual Meetings, Chicago (March 2006).
- C. V. A. Gomes, T. Ludewigs, and J. Vadjunec. Building Collaborative Networks in Land-Use Cover- Change Studies in Acre, Brazil. Presented at the Amazonian LBA Conference in Brasilia, Brazil (July 2004).
- J. Vadjunec. A Importancia de Instituições e Mudanças no Uso e Cobertura de Terra (LUCC) nas Reservas Extrativistas do Acre, Brasil. Parque Zoobotânico, Federal University of Acre (UFAC) (Dec. 2003).
- J. Vadjunec, G. Schwarz and B. Schmook. Predicting Land-Use/Cover-Change in the Rio Branco Area, Acre, Brazil: A CA Markov Approach. AAG Annual Meetings, New Orleans (March 2003).
- J. Vadjunec. Land-Use/Cover-Change in the Extractive Reserve System, Acre, Brazil: Do Institutions Matter?" presented at the Center for Latin American Studies, University of Florida (Feb. 2003).
- J. Vadjunec. "The Social, Economic, and Environmental Sustainability of the Brazilian Extractive Reserve System: An Initial Common Property Assessment," at the CIPEC Summer Institute (Summer 2001).

RESEARCH GRANTS

- 2022 *Fostering Student Training and Enhanced Educational Opportunities on Groundwater Management Issues*. Jacqueline Vadjunec (PI/Geography, OSU), Todd Fagin (Oklahoma Biosurvey/OU), Kate Zeigler (Zeigler Geologic Consulting). 104b OWRC's Water Research Grant Competition, OSU Water Center/USGS (\$25,000)
- 2018- *Participatory Approaches to Agroecosystems in Times of Drought (ARID): An Example from the Southern Great Plains*. National Institute of Food and Agriculture, USDA. \$1.2 million grant (2018-68002-28109) with C. Steele (PI) et al (NMSU), T. Fagin (OU), J. Vadjunec (OSU), Goodman (OSU), Kate Zeigler (Vadjunec/OSU & research lead, portion \$~421,442)
- 2017 OSU College of Arts and Sciences, ASR+1 research grant, Land and Water Governance in a Transboundary Region of the Central High Plains (\$8,645)
- 2013 Land System Vulnerability and Resilience to Drought: A Multi-Scalar, Comparative Analysis of Public and Private Lands in the American West, J. Vadjunec (PI), B. Phillips and T. Fagin (Co-PIs). NSF/CMMI #1266381 (\$365,752)
- 2013 OSU College of Arts and Sciences, ASR+1 research grant for the Socio-economic and Environmental Implications of REDD+ Policy on Small Farmers in Acre, Brazil and Chiapas, Mexico (\$7,500)
- 2012 Spring Travel Award for Grassland Research in Oklahoma and New Mexico, College of Arts and Sciences, OSU, Stillwater, OK (\$1,000)
- 2011 OSU Provost's Interdisciplinary Creative Planning Grant Program, Cultural and Biological Adaptations in Grasslands: Towards an Integrative Research and Educational Program (B. Frehner PI, and others). Total: \$20,926 (Vadjunec, Co-PI, \$4,000)
- 2010 Foundation for the Scientific Study of Sexuality Grant (FSSS), R. Sheehan, PI, J. Vadjunec, Co-PI, Roller Derby: Geographies of Gender and Sexuality (\$1,000)
- 2009 OSU College of Arts and Sciences, ASR+1 research grant for the Geographies of No One's Land: Place and Identity in Oklahoma's Panhandle. (\$7,000)
- 2009 OSU Dean's Incentive Grant for the "Oklahoma Panhandle Project" (\$3,000)
- 2008 OSU Dean's Incentive Grant for pilot study entitled Extracting a Livelihood: The Social, Economic, and Environmental Implications of *Proambiente*. (\$3,000)
- 2003-04 Fulbright-Hays Doctoral Dissertation Research Abroad Fellowship for Geography and Area Studies, United States Department of Education (\$38,000)

Grants and Fellowships for Graduate Student Research (PI or lead advisor/mentor* for student awarded)

- 2017 Pruitt Dissertation National Fellowship, Land-Use/Land-Cover Change and Vulnerability to Landslide Disasters in Kurseong (Darjeeling Himalayas), India, Samayita Bandyopadhyay* (PI), (\$10,900).
- 2014 SEES Fellow: Pathways & Partnerships in Adaptive Drought Communication, National Science

- 2018 Foundation Post-doc* (Nicole Colston, PI), (\$416,292), primary required host / institutional mentor/ graduate mentor, PI of sponsored related NSF/IMEE grasslands project #1266381 (above). *Submitted through Vadjunec and considered a Co-PI through OSU CAS, Vadjunec as post-doc advisor/ Co-PI.*
- 2011 Deforestation and Degradation: Impacts on Carbon Stocks, Biodiversity and the Potential Effects of PES/REDD initiatives on People and Forests in the Korup National Park (KNP), Cameroon. National Science Foundation DDRI Dissertation Improvement Research Grant, with Siewe Siewe Siewe (Co-PI), (\$12,000)
- 2010 Degradation and carbon stock dynamics: an analysis of the anthropogenic impact on deforestation and degradation in the Korup National Park, Cameroon. Smithsonian Tropical Research Institute's Center for Tropical Forest Science (CTFS) Research Grant, with Siewe Siewe Siewe (Co-PI), (\$3,000)

Other: grants/travel funding received

- 2017 OSU College of Arts and Sciences, Community Engagement Grant, Dust Bowl Days: Using Interactive Story Maps to Link Past & Present in Cimarron County, OK (\$2,500 with P. Kedron).
- 2013 OSU College of Arts and Sciences, FY14 Spring Travel Program Award for travel to the Global Land Project (GLP) Meeting, Berlin, Germany (\$1,000, March 2014 travel).
- 2010 Fall Travel Award for Global Land Project Conference (GLP)/ASU, College of Arts and Sciences, OSU, Stillwater, OK (\$1,000).
- 2006 Latin American Collection Library Travel Grant, Center for Latin American Studies, University of Florida (\$500)
- 1999- 2006 Graduate Student Fellowship, Graduate School of Geography, Clark University

Other: recognition of merit

- 2008 Tinker Foundation Incorporated (TFI) Institutional Grant, Recognition of Significance/Merit (economic crash). Planning Sustainable Futures with Small Producers: The Proambiente Program in the Pólo Alto Acre Region. J. Vadjunec (PI), with M. Schmink and others (Co-PIs). Total Amount Requested: \$174,900. Note: grant was selected for funding, but not awarded during economic recession/crash (private foundation).
- 2006 American Association of University Women (AAUW), finalist/alternate, Dissertation Write-up Fellowship

Other: non-research grants/classroom technology improvement proposals funded

- 2021 Technology Fee Proposal for Classroom Improvement, Garmin GPSs for Field Methods/ GPS Classes (w/ Hamed Gholizadeh), (\$11,999.85)
- 2009 Technology Fee Proposal for Classroom Improvement, Colorado Garmin GPSs for Field Methods/ GPS Classes (w/ Bruce Battles), (\$12,475.00)
- 2007 Technology Fee Proposal for Classroom Improvement, IDRISI Andes Software for GIS/RS student labs (w/ Bruce Battles), (\$6,500)

Other: A&S Colloquium Social Science Seminar Speaker Series proposals funded

2012 Arts & Sciences, Social Science Seminar Series funding, Emilio Moran (IU), *Human-Environment Interactions, Land-Use and Deforestation in the Brazilian Amazon* (\$2,816)

2011 Arts & Sciences, Social Science Seminar Series funding, Karen Morin (BU), *Architectural Violence: USP Lewisburg and the Return of the Pre-Modern Prison* (\$2,766).

2011 Arts & Sciences, Social Science Seminar Series funding, Ben Marsh (BU), *Identifying spatial discrimination through GIS: applications in law and research* (\$2,716).

2010 Arts & Sciences, Social Science Seminar Series funding, Carolyn Finney (UC-Berkeley), *Jungle Fever: Race, Identity and the Environment in the U.S.* (\$2,896).

2010 Arts & Sciences, Social Science Seminar Series funding, Dianne Rocheleau (Clark), *Gender, Culture, Nature, and Networks: Moral Political Ecologies of Indigenous, Feminist, Campesino and Conservation Politics* (\$3,000)

2008 Arts & Sciences, Social Science Seminar Series funding, Billie Lee Turner II (ASU), *Land Architecture, Sustainability, and the Southern Yucatan* (\$3,000)

SPECIAL TRAINING and TEACHING RELATED EDUCATION

Program Management Seminar. National Science Foundation, Fall 2018.

Merit-Based Review Certificate Series for New Program Officers. National Science Foundation, Fall 2018.

Electronic Advising Records (STAR System) Training. A&S Academic Services, Oklahoma State University, Fall 2012.

NVIVO Software Training. Institute for Teaching and Learning Excellence (ITLE), Oklahoma State University, Summer 2010.

Provost's Faculty Development Series on Incorporating Critical Writing in the Classroom, Institute for Teaching and Learning Excellence (ITLE), Oklahoma State University, Spring 2009.

Using D2L in the classroom, training, Institute for Teaching and Learning Excellence (ITLE), Oklahoma State University, Fall 2007.

Indiana State University, Center for the Study of Institutions, Population, and Environmental Change (CIPEC), Summer Institute (300hrs) on the Human Dimensions of Global Environmental Change, Summer 2001.

Western Maryland College in conjunction with Teach for America, Baltimore, MD. Courses in education curriculum development and design, teaching methods, and in-class teaching supervision, Aug. 1997- May 1998.

Baltimore City Public Schools, MD. Training— Incorporating literature into a geography curriculum, Spring 1998.

Baltimore City Public Schools, MD. Training— Using computer centered curriculum in the classroom, Spring 1998.

Teach for America, Summer Institute, in conjunction with Houston Public Schools, Summer 1997. Intensive 5-week total immersion experience focusing on supervised teaching, lesson planning, curriculum development, classroom management, instructional planning and development, and learning theory.

MULTI-MEDIA/ART PRESENTATIONS

L. Blank and J. Vadjunec. Multi-media art/text presentations in collaboration with artist Lawrence Blank (1997-1999):

“The Amazon and World Rainforests,” at The Dogwood Hill Gallery (April 1997) and The Open Door Gallery, Lewisburg, PA (August 1997).

“Amazon Folklore and Reality,” at the Impressions Gallery (December 1997), Buckwalter Galleries, Inc. (April 1998) and Barnes and Noble, Baltimore, MD, (April 1999).

SOFTWARE

GIS and Remote Sensing (Arc/ESRI, IDRISI and Cartalinx, Erdas Imagine), Statistics and data base development (SPSS, Access, and Excel), Qualitative Analysis (NVIVO/MAXQDA), Publishing (Adobe Pagemaker, MS Publisher, Coral Draw, Photoshop), General (MS Office Professional, MS Windows), NSF softwares including EJacket, MyNSF, Inside Fastlane, etc.

SYNERGISTIC RESEARCH ACTIVITIES

Principal Investigator, conducted 120+ repeat household surveys (3xs), ~70 oral histories, ~90 key- informant interviews, 200 participatory "hazards" TEK maps, archival data & HGIS, & 4 participatory, adaptive co-management community meetings with Co- PIs Todd Fagin (OU) and Brenda Phillips (OU-Chillicothe) on *land-use/land-cover change, governance, vulnerability and resilience and adaptation to drought in the grasslands of the American West*. Research funded by OSU's Arts and Sciences ASR+1 (\$7,000) & DIG Grants (\$3,000)+ NSF CMMI #1266381 grant. Spring 2008 to present. Amount: ~ \$365,000 (NSF), \$416,292 (NSF SEES Fellow/Postdoc, N. Colston), \$~421,000 USDA/NIFA grant (above) tests the impact of citizen science and participatory well monitoring approaches to land management and livelihood (Vadjunec Portion of \$1.2 million). Grants have supported 3 MS theses (2 completed, 1 in process), 1 PhD doctoral student directly (in process), and 8 graduate students through RA support, 7 undergraduate research assistants. Additionally, the grant supported one post doc (see NSF SEES Fellowship above), and ~40 graduate and undergraduate students through field work opportunities at Oklahoma State University. Current Status: 11 publications, 2 guest-edited special issue, 1 op-ed in *Nature* + 2 articles, 1 special issue in advanced process. Project websites: <http://biosurvey.ou.edu/Grasslands/main.html>
Related Grant USDA/NIFA Arid Project: <https://arid.nmsu.edu>

Principal Investigator, conducted 130 household interviews on *Household Adaptation and the Role of Institutions on Land-Use/ Cover Change (LUCC) in the Chico Mendes Extractive Reserve (CMER), Acre, Brazil* (2003-2005). This study incorporated multi-scalar assessments of LUCC impacts by linking household interviews to both forest/biodiversity plot-level data (n=120) and remote sensing analysis. Funded by a Fulbright-Hays Doctoral Dissertation Research Abroad Fellowship. 2003-2005. Amount: \$38,000. Status: 8 publications, 1 guest-edited special issue/book.

POST DOCTORATE MENTORING *denotes main advisor

Nicole Colston, Environmental Science, NSF SEES (see grants above) (2014-2018)

ADVISEMENT PhD STUDENTS *denotes main/co-advisor

Belem Carrasco, GEOG (2021-present)*
Maria Sol Ramirez, GEOG (2018-2020)*
Jamie Du, SOC (2017-2022)
Adam Straub, SOC (2017-2022)
Fernanda Ramirez, GEOG (2016- 2019)*
Samayita Bandyopadhyay, GEOG (2013-2021)*
Fikirte Erda, ZOOL (2013-2019)
Nguyen Le, GEOG (2012-2015)
Joseph Simpson, SOC (2012-2014)
Amy Graham, GEOG (2011-2015)*
Nicole Colston, ENV SCI (2011-2014)
Siewe Siewe Siewe, GEOG (2009-2015)*
Donald Cole, NREM (2009-present)
David Reisdorph, ENV SCI (2009-present)
Shireen Hyrapiet, GEOG (2008-2012)

ADVISEMENT MS STUDENTS *denotes main advisor

Emma Riddle, GEOG (2022-present)
Austin Boardman, GEOG (2018-2020)*
Derek Bodmer, SIS (2017-2019)
Arianna Richard, SIS (2017-2019)
Chelsea Young, SIS (2017-2019)
Tyco Holloway, SIS (2017-present)
Graham Davis, ZOOL (2016-2020)
Brian Birchler, GEOG (2015-present)*
Samantha West, SIS (2013-2015)
Kathryn Wenger, GEOG (2013-2015)*
Jonathan Lowell, GEOG/UT (2012-2013)
Daniel Wilson, GEOG (2010-2013)*
Tess Tucker, ENV SCI (2010-2013)
Er, Yue, GEOG (2010-2011)
Kelly Stiller Titchener, GEOG (2009-2010)*
Julie Carey, GEOG (2008-2010)

UNDERGRADUATE MENTORING (*denotes GRADUATE PROGRAM*)

2008 Tim Collver and Heather Anderson, presented research poster at annual AAG conference
2008 Tim Collver, Graduate Application & Resume Development (*GEOG-OSU*)
2008 Heather Anderson, Graduate Application & Resume Development (*GEOG-OSU*)
2009 Cameron Meyer, National Geographic Internship and Graduate Application/Resume Development
(National Geographic Summer Intern Summer 2009/*GEOG-IU*)
2010 Daniel Wilson, Graduate Application & Resume Development (*GEOG-OSU*)
2010 Peter Wood, Graduate Application & Resume Development (*GEOG-FSU*)
2011 Scott Kusselson, Graduate Application & Resume Development (*GEOG-OSU*)
2010-2012 Jay Jump, Independent Research Project on the Peruvian Amazon
presented at annual AAG conference (Seattle 2011, NYC 2012)
2011 Cary Cavnar, Graduate Application & Resume Development (*GEOG-UND*)
2012 Helen Agnew, National Geographic Internship Application
2012 Connor Wenning, National Geographic Internship Application
2016-2017 Jaryd Hinch, Fulbright Application (Awardee, Estonia)
2017 Austin Boardman, NSF funded, projected-related GIS technician (*GEOG-OSU*)
2021 Stephen Stumpf, Honor's Contract, Environment and Development (*GLBST-OSU*)
2022 Jacob Shepherd, Fieldwork mentoring, Global Studies (*GLBST-OSU*)
2022 Chloe Taylor, Fieldwork & research mentoring, presented at the AAG (*GEOG-visiting
exchange student Loughborough University*)

TEACHING EXPERIENCE

OSU Graduate Seminars:

- GEOG 6313: Mixed Methods in Field Research
- GEOG 6110: Seminar in Cultural and Political Ecology

OSU Undergraduate Upper Division:

- GEOG 3743: Geography of Latin America
- GEOG 4113: Environment and Development*
- GEOG 4233/5233: Human Dimensions of Global Environmental Change*
- GEOG 4303: GPS Field Techniques*
- GEOG 4313: Field Techniques and GeoData Collection
- GEOG 4600/5510: Summer Field Course on the Cultural and Natural Resources of Morocco*

*Also available for Graduate credit

Instructor, Department of Geography, Clark University— "Intro to Geographic Information Science," Spring 2007.

Teaching Assistant, Department of Geography, Clark University—Courses include "Gender and Environment," "Intro to GIS," "Environmental Ethics," "Computational and Quantitative Methods," "Research Methods," "Intro to Mapping Sciences". Spring 2000-2005.

Map Librarian Assistant, Clark University, Map Library. Fall 1999.

Teacher-Teach for America (May 1997- Fall 1998).

Held a 5th grade teaching position in the Baltimore City Public School System-- Brehm's Lane Elementary School. Subject Areas taught: English and Geography (special education).

PROFESSIONAL ACTIVITIES/ (INTER)NATIONAL SERVICE

Symposium co-coordinator (K. G. Buneralp, and D. Munroe) American Association of Geographers (AAG) annual meeting in Denver (2023) 8+ organized sessions (40+ papers) and panels on “Land System Science”

Symposium co-coordinator (with R. Aspinall, K. G. Buneralp, and A. Millington) American Association of Geographers (AAG) annual meeting in DC (2019) 15+ organized sessions (80+ papers) and panels on “Land System Science”

Symposium co-coordinator (with R. Aspinall, K. G. Buneralp, A. Millington, K. Young, and J. Southworth) American Association of Geographers (AAG) annual meeting in Boston (2017) 20+ organized sessions (90+ papers) and panels on “Land System Science”

Invited Member, “Ethics Working Group” of the *Citizen Science Association*, 2015 – 2018.

Symposium co-coordinator (with R. Aspinall, G. Buneralp, and A. Millington) Association of American Geographers (AAG) annual meeting in Chicago (2015), 20+ organized sessions (90+ papers) and panels on “Land System Science”

Elected Board Member, Human Dimensions of Global Environmental Change (HDGC) Specialty Group, Association of American Geographers, 2012-2014.

Session co-coordinator and chair (with C. Brannstrom)
Global Land Project (GLP), Berlin, Germany, March 2014
“Land Change Science, Political Ecology and Sustainability: Synergies and Divergences.”

Session co-coordinator and co-chair (with C. Brannstrom)
Annual AAG meeting, NYC, NY March 2012
HDGEC PLENARY: “Synergies and Divergences Between Land Change Science and Political Ecology”
Sponsored by the HDGEC and Cultural and Political Ecology Specialty Groups

Session chair
Annual AAG meeting, NYC, NY March 2012 Changing
Landscapes from the Amazon to the Andes I
Sponsored by the HDGC, Latin American, and Cultural and Political Ecology Specialty Groups

Session co-coordinator and co-chair (with R. Sheehan) Annual
AAG meeting, Seattle, WA, April 2011 “Placing
Community I & II” (2 sessions)
Sponsored by the Human Geography and Cultural and Political Ecology Specialty Groups

Session co-coordinator and co-chair (with M. Schmink)
Amazonian and Andean Studies Conference, Gainesville, FL, Nov. 2010
“Symposium on the Changing Brazilian Amazon” (3 sessions) Panel
1: Changing Identities in Acre
Panel 2: Changing Landscapes in Amazonian Forests and Rivers
Panel 3: Changing Livelihoods and Discourses in Amazonia

Session co-coordinator and chair (with C. Radel)

Global Land Project International Open Science Meeting, Phoenix, AZ, Oct. 2010
“Institutions and Changing Land Systems in the Americas”

Session co-coordinator and chair (with M. Schmink, and A. Greiner)

Annual AAG meeting, Washington, D.C., April 2010
“Amazonian Geographies”
Sponsored by the Human Geography and Cultural and Political Ecology Specialty Groups

Session co-coordinator and chair (with D. Salisbury and C. Simmons)

Latin American Studies Association, International Meeting, Rio de Janeiro, June 2009
“Amazonian Development, Environment, and Inequality II”

Session co-coordinator and chair (with D. Salisbury)

Annual AAG meeting, Boston, April 2008
“Human-Environment Dynamics in the Western Amazon: From Culture to Climate”
Sponsored by the Cultural and Political Ecology and Latin America Specialty Groups

Journal Reviewer

- Agriculture and Human Values
- Canadian Journal of Remote Sensing
- The Journal of Cultural Geography
- Annals AAG
- Environment, Development, & Sustainability
- Journal of Land-Change Science
- Gender, Place, and Culture
- Land Use Policy
- Applied Geography
- Society and Natural Resources
- Journal of Environmental Planning and Management
- Oxford Bibliographies in Geography
- The Geographic Journal
- Current Opinion in Environmental Sustainability
- International Journal of the Commons (IJC)
- Journal of Regional Climate Change
- Food Policy
- Citizen Science: Theory and Practice
- Ecology and Society
- LAND
- Journal of Human Ecology

Grant Reviewer

- National Science Foundation (NSF)
- Fulbright IIE
- Social Sciences and Humanities Research Council of Canada

Panel Grant Reviewer

- National Science Foundation (NSF), various regular and transdisciplinary programs across diverse directorates including SBE, CISE, ENG, BIO, EHR, GEO
- Fulbright IIE, Latin America
- NASA's LCLUC Program

Research Center Site Visit Expert Reviewer

- NSF

Book Reviewer (Pre-publication)

- Duke University Press, *New Ecologies for the 21st Century Series*
- Practical Action Publishing

Book Proposal Reviewer

- Earthscan
- Routledge
- Taylor & Francis

Editorial Board Member

- LAND

PROFESSIONAL MEMBERSHIP

Association of American Geographers (AAG)
International Association for the Study of the Commons (IASC)
Citizen Science Association (CSA)
Latin American Specialty Group (LASG)
Human Dimensions of Global Change Specialty Group
Conference of Latin Americanist Geographers (CLAG)
Remote Sensing Specialty Group
Rede Reservas Extrativistas—Extractive Reserve Research Network
Phi Beta Delta
Citizen Science Association

INSTITUTIONAL AFFILIATIONS

PESACRE- Group for Research and Extension in Agroforestry Systems in Acre, Brazil
UFAC- Universidade Federal do Acre, Brazil

NSF SERVICE & OUTREACH

NSF, Visiting Scientist (VSEE), Rotator, Program Director, Geography and Spatial Sciences (GSS), Human-Environment and Geographical Sciences (HEGS), Division of Behavioral, Cognitive, and Social Sciences (BCS), Social, Behavioral, and Economic Sciences Directorate (SBE), 2018-2020, Alexandria, VA.

NSF PROGRAMS SUPPORTED (solicitation writing, workshop, panels, and funding, Program

officer support)

Geography and Spatial Sciences (GSS, regular and DDRI)

Human-Environment and Geographical Sciences (HEGS, regular and DDRI)

Navigating the New Arctic (NNA)

Coastlines and People (CoPe) Signals in the Soil (SiTs)

Dynamics of Integrated Socio-Ecological Systems (CNH2/DISES) Innovations at the Nexus of Food, Energy, and Water Systems (INFEWs) COVID-19 RAPIDS (CARES ACT 2020)

NSF Foundation representative serving on the *Federal Crowdsourcing and Citizen Science Community of Practice* working group- a group of representatives across Federal funding agencies interacting with the Office of Science and Technology (OSTP) to further participatory and Citizen Science initiatives at the Federal level.

NSF OUTREACH

J. Vadjunec, "Q&A Solicitation Webinars for Navigating the New Arctic (NNA)," (January 2020).

J. Vadjunec, "Community research considerations in a time of COVID19," Annual NNA PI Meeting (March 2020).

J. Vadjunec and S. Freundsuh. Human-Environment and Geographical Sciences, new solicitation office hours (various, Summer 2020).

J. Vadjunec, "Opportunities for Geographers at the National Science Foundation," Clark University (October 2019).

J. Vadjunec, "Graduate funding opportunities at NSF," Clark University (October 2019).

J. Vadjunec, "Opportunities for Geographers at the National Science Foundation," NESTVAL AAG, Framingham State University (October 2019).

A. WinklerPrins and J.M. Vadjunec. "Proposal-Writing Strategies for the NSF Geography and Spatial Sciences Program." Outreach presentation (2xs), plus 2 open one on one "speed date a geographer" sessions. American Association of Geographers (AAG), Washington, DC (April 2019).

J. Vadjunec. "Socializing Soil," invited panel speaker at the "Signals in the Soil" Conference, NSF, Alexandria, VA (April 2019).

J. Vadjunec. Discussant/lead for Breakout session on Social Science and Ethical Issues Associated with Signals in the Soil" "Signals in the Soil" Conference, NSF, Alexandria, VA (April 2019).

J. Vadjunec. "Opportunities for Geographers (and related fields) at the National Science Foundation," outreach at ASU Sustainability School, Tempe, AZ (April 2019).

J. Vadjunec. "Geography and Spatial Sciences (GSS) Doctoral Dissertation Research Improvement (DDRI) "Urban Myths"" outreach at ASU Sustainability School, Tempe, AZ (April 2019).

J.M. Vadjunec, "Opportunities for RUIs at NSF" outreach to Mesa Community College (MSI) and Community College Consortium (MSIs), Mesa, AZ (April 2019).

- J. Parker (STS), J. Vadjunec, and F. Cobb Payton (CISE). “Citizen Science Funding Opportunities at the National Science Foundation (NSF),” outreach presentation at the National Citizen Science, Raleigh, NC (March 2019).
- J. Vadjunec, J. Parker (STS), and F. Cobb Payton (CISE). “Ethical Considerations in Funded Citizen Science: Implications for Broader Impacts.” Organized panel at the National Citizen Science, Raleigh, NC (March 2019).
- J. Vadjunec. “Navigating NSF,” panelist at the American Geophysical Union, Washington, DC (December 2018).
- J. Vadjunec, A. WinklerPrins, T.A. Baerwald. “Geography and Spatial Sciences (GSS) Doctoral Dissertation Research Improvement (DDRI) "Urban Myths"" webinar outreach. National Science Foundation, Alexandria, VA (November 2018).
https://www.nsf.gov/news/news_summ.jsp?cntn_id=297237&org=NSF&from=news
- J. Vadjunec. "Tips and Strategies in Writing Effective Proposals for the National Science Foundation (NSF)" outreach presentation at the Great Plains/ Rocky Mountains (GPRM) AAG Annual Meeting, Manhattan, KS (October 2018).

OSU SERVICE

CAS Strategic Research Initiatives Fellow: Outreach

- J. Vadjunec, “Workshop: Adding the Arts+ to STEM proposals (STEAM+) for More Competitive Funding Opportunities,” Oklahoma State University, Stillwater, OK (November 2022 & February 2023).
- J. Vadjunec, “Workshop: Tips for Transdisciplinary Team Building (small to large teams),” Oklahoma State University, Stillwater, OK (October 2022).
- J. Vadjunec, “Bringing Humanities into Science: Opportunities and Challenges,” Digital Humanities Group Invited talk, Oklahoma State University, Stillwater, OK (October 2022).
- J. Vadjunec, “Quick Coffee with an Ex NSF Program Officer,” Oklahoma State University, Stillwater, OK (Sessions in Sept & October 2022, Jan & Feb 2023).

College and University Service

President’s Strategic Planning Committee, appointed member, strategic planning research group, advising group for the new President’s Research Plan, Spring 2022.

CAS Pandemic cluster hire committee, appointed member, College of Arts and Sciences (CAS), Oklahoma State University, Spring 2021.

NSF GRFP Panel, invited panelist, Sponsored by the Graduate College, Oklahoma State University, Fall 2020.

Oklahoma State Scholar Society (OSSS) Faculty Committee, appointed member, College of Arts and Sciences (CAS), Oklahoma State University, 2020-2021.

Junior Faculty Award, invited juror, College of Arts and Sciences (CAS), Oklahoma State University, 2020.

Regents Professor, invited reviewer, Media and Strategic Communications, College of Arts and

Sciences (CAS), Oklahoma State University, 2020.

Research Climate Working Group, appointed member, Offices of the Provost and Vice President of Research, Oklahoma State University, 2017-2018.

Dean's Office Faculty Fellow for Community Engagement (0.25 FTE), College of Arts and Sciences (CAS), Oklahoma State University, 2017-2018.

Food-Energy-Water Nexus Council, appointed member, Vice President of Research Office, Oklahoma State University, 2016-2018.

College of Arts and Sciences (CAS), Reappointment, Tenure and Promotion Committee, Oklahoma State University, 2016-2018.

Environmental Science Curriculum Committee, member, Environmental Science Graduate Program, Oklahoma State University, 2007-2015.

Affiliate Faculty, Environmental Science, Oklahoma State University, 2007-present.

Affiliate Faculty, Gender and Women's Studies, Oklahoma State University, 2009-present.

Affiliate Faculty, School of International Studies (SIS), Oklahoma State University, 2013-present.

Fulbright campus student applicant interviewer, 2015, 2016.

Advisor, Vegetarian's and Friends Club, Oklahoma State University, 2016-2018.

Geography Department Service

Personnel Committee, member, Department of Geography, Oklahoma State University, 2008-2009, 2011-2012, 2013-2014, 2020-2021 (Spring 2021, chair), Spring 2022 (chair), to present.

Cumulative Review Committee, chair, Department of Geography, Oklahoma State University, 2021- 2022, member 2022 to present.

Curriculum Review Committee, elected member, Department of Geography, Oklahoma State University, 2022- to present.

Geography Advisory Committee, elected member, Department of Geography, Oklahoma State University, Fall 2021-2022.

Core faculty member, Global Studies Program, newly approved major through the Department of Geography, Oklahoma State University, 2016-present.

Undergraduate Committee, member, Department of Geography, Oklahoma State University, 2009- Fall 2020.

Faculty Mentor Program, Amy Frazier (2013-2018), Thomas Lavanchy (2020- present), Tao Hu (2021- present), Peter Crank (2022-present), Saber Brasher (2022-present).

Undergraduate Advisor, Department of Geography, Oklahoma State University, Fall 2010- Fall 2015.

CARS Remote Sensing Lab/GIS Faculty Advisors, member, Department of Geography, Oklahoma State University, 2009- 2020.

Geography Honorary Lecture Series Committee, member, Department of Geography, Oklahoma State University, 2009- 2013.

Colloquium and GEOG 5001 Professional Development Coordinator, Department of Geography, Oklahoma State University, 2011-2012.

GEOG 5001 Professional Development Core Faculty, Department of Geography, Oklahoma State University, 2010-2018.

Party, Alumni, and Recruiting Coordinator (PARC), Department of Geography, Oklahoma State University, 2009- 2010.

Geography Club Advisor, Department of Geography, Oklahoma State University, 2009- 2010.

Faculty Secretary, Department of Geography, Oklahoma State University, 2009- 2010.

Gamma Theta Epsilon Geography Honorary Society, Faculty Advisor, Department of Geography, Oklahoma State University, 2007- 2009.

Graduate Admissions Committee, member, Department of Geography, Oklahoma State University, 2007- 2008.

REFERENCES

Billie Lee Turner II, PhD (Geographical Sciences/Arizona State University) Email:
Billie.L.Turner@asu.edu

Christian Brannstrom, PhD (Senior Associate Dean for Undergraduate Education (College of Arts and Sciences) at Texas A&M University) Email:
cbrannst@geog.tamu.edu

Scott Freundsuh, PhD, Professor Emeritus, Department of Geography & Environmental Studies, University of New Mexico
Email: sfreunds@unm.edu

Brandi Schottel, PhD (Program Director, ENG/CBET/NSF)
Email: bschotte@nsf.gov