

Department of Earth System Science
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PAUL BERNE BUROW

Appointments & Affiliations

Postdoctoral Scholar, Department of Earth System Science, Doerr School of Sustainability, Stanford University, July 2023–Present.
Research Affiliate, Department of Natural Resources & Environmental Science, University of Nevada–Reno, January 2019–June 2023.
Ph.D. Candidate and Teaching Fellow, School of the Environment and Department of Anthropology, Yale University, August 2016–May 2023.
Exchange Scholar, Department of Anthropology, Columbia University in the City of New York, August 2018–December 2018.
M.E.Sc. Candidate and Teaching Fellow, School of the Environment, Yale University, August 2014–May 2016.

Education

Ph.D., Yale University, Graduate School of Arts & Sciences, Combined Degree in Anthropology and Forestry & Environmental Science, December 2023.
Dissertation Directors: K. Sivaramakrishnan and Justin Farrell
M.Phil., Yale University, Graduate School of Arts & Sciences, Anthropology, December 2019.
M.E.Sc., Yale University, School of the Environment, Forestry and Environmental Studies, May 2016.
B.A., University of California–Davis, College of Letters & Science, Economics and International Relations (Political Science); Environmental Policy Analysis & Planning, December 2007.

Publications

Journal Articles (peer-reviewed)

- Zhang, Y., P. West, L. Thakoli, K. Suryawanshi, M. Supuma, D. Straub, S. Sithole, R. Sharma, J. Schleicher, B. Ruli, D. Rodriguez-Rodriguez, M.B. Rasmussen, V. Ramenzoni, S. Qin, D.D. Pugley, R. Palfrey, J. Oldekop, E.O. Nuesiri, V. Nguyen, N. Ndam, ... [Paul Burow] ... F.K. Agyei. 2023. "Governance and Conservation Effectiveness in Protected Areas and Indigenous and Locally Managed Areas" *Annual Review of Environment & Resources*, 48: 559-588. <https://doi.org/10.1146/annurev-environ-112321-081348>
- McConnell, K., J.T. Mueller, A. A. Merdjanoff, **Paul Burow**, and J. Farrell. 2023. "Informal modes of social support among residents of the rural American West during the COVID-19 pandemic." *Rural Sociology*, 88(4): 972-1000. <https://doi.org/10.1111/ruso.12507>
- Mueller, J.T., A.A. Merdjanoff, K. McConnell, **Paul Burow**, and J. Farrell. 2022. "Elevated serious psychological distress, economic disruption, and the COVID-19

- pandemic in the nonmetropolitan American West." *Preventive Medicine*, 115(2): e106919. <https://doi.org/10.1016/j.ypmed.2021.106919>
- Farrell, J., **Paul Burow***, K. McConnell*, J. Bayham, K.P. Whyte, and G. Koss. 2021. "Effects of Forced Migration and Land Dispossession on Indigenous Peoples in North America." *Science*, 374(6567): eabe4943. <https://doi.org/10.1126/science.abe4943>
- * Equal contribution
- Mueller, J.T., K. McConnell, **Paul Burow**, K. Pofahl, A.A. Merdjanoff, and J. Farrell. 2021. "Impacts of the Covid-19 Pandemic on Rural America." *Proceedings of the National Academy of Sciences*, 118(1): 2019378118. <https://doi.org/10.1073/pnas.2019378118>
- Burow, Paul**, K. McConnell, and J. Farrell. 2019. "Social Science Research on the American West: Current Debates, Novel Methods, and New Directions." *Environmental Research Letters*, 14(12): 125012. <https://doi.org/10.1088/1748-9326/ab4030>
- Burow, Paul**, S. Brock, and M.R. Dove. 2018. "Unsettling the Land: Indigeneity, Ontology, and Hybridity in Settler Colonialism." *Environment & Society*, 9(1): 57-74. <https://doi.org/10.3167/ares.2018.090105>
- Atwell, K., **Paul Burow**, and N. Santos. 2007. "LED Standard Traffic Signals." *Review of Policy Research* 24(7): 468-7.
- Book Chapters (peer-reviewed)*
- Johnson, A., C. Hebdon, **Paul Burow**, D. Chatti, and M.R. Dove. 2022. "The Anthropocene." In *Oxford Research Encyclopedia of Anthropology*. Mark Aldenderfer, ed. New York: Oxford University Press. <https://doi.org/10.1093/acrefore/9780190854584.013.295>
- Burow, Paul**, S. Brock and M.R. Dove. 2022. "Unsettling the Land: Indigeneity, Ontology, and Hybridity in Settler Colonialism." In *Indigenous Resurgence: Decolonization and Movements for Environmental Justice*, pp. 59-76, Jaskiran Dhillon, ed. Brooklyn: Berghahn Books. Reprint. <https://doi.org/10.3167/9781800732452>
- Koh, V., **Paul Burow**, L. Kanoi, and M.R. Dove. 2021. "Locating the 'Rural' in Anthropology" In *The SAGE Handbook of Cultural Anthropology*, pp. 296-310, Lene Pedersen and Lisa Cliggett, eds. Thousand Oaks: Sage Publishers.
- Burow, Paul**. 2020. "Nature's Belonging: Landscape, Conservation and the Cultural Politics of Place in the Great Basin" In *Public Lands in the Western U.S.: Place and Politics in the Clash between Public and Private*, pp. 175-197, K. Sullivan and J. McDonald, eds. Lanham, MD: Lexington Books.
- Burow, Paul**, S. Brock, and M.R. Dove. 2020. "Land, Indigeneity, and Hybrid Ontologies" In *Living Earth Community: Multiple Ways of Being and Knowing*, pp. 193-202, S. Mickey, M.E. Tucker and J. Grim, eds. Cambridge: Open Book Publishers. Reprint. <https://doi.org/10.11647/obp.0186.17>
- Dove, M.R., A. Johnson, M. Lefebvre, **Paul Burow**, L. Kanoi, and W. Zhou. 2019. "Who Is in the Commons: Defining Community, Commons, and Time in Long-Term Natural Resource Management" In *Global Perspectives on Long Term Community Resource Management*, L. Lozny and T. McGovern, eds. Cham: Springer. https://doi.org/10.1007/978-3-030-15800-2/_j3

Essays, Reports, and Book Reviews

- Burow, Paul.** 2021. "Burning Through History in California's 'Asbestos' Forests." Hot Spots: *Fieldsights*. Society for Cultural Anthropology.
- Mueller, J. T., J. Farrell, K. McConnell, and **Paul Burow.** 2021. "COVID-19 and Poverty in Rural Areas: The Experience of the United States." *Working paper for Expert Group Meeting on Implementation of the Third United Nations Decade for the Eradication of Poverty*, United Nations: Department of Economic and Social Affairs.
- Farrell, J., K. McConnell, and **Paul Burow.** "The Pandemic Hit Rural America and Changed Its Attitudes About Government." *Barron's*. October 8, 2020.
- Farrell, J., J.T. Mueller, K. McConnell, **Paul Burow**, K. Pofahl, and A.A. Merdjanoff. 2020. Impact of Covid-19 on the Rural West: Material Needs, Economic Recovery, Political Attitudes. Executive Summary of Research Findings. New Haven, CT: Yale School of the Environment. <https://doi.org/10079/08e2da0a-551b-46a6-a1a2-ad98816a7870>
- Burow, Paul.** 2017. "Wildlife Conservation and Settler Colonialism in the North American West." *Engagement: A Blog of the Anthropology & Environment Society*. March 28, 2017.

Grants,
Fellowships,
& Awards

External Grants

- Postdoctoral Fellowship, National Institute of Food & Agriculture, U.S. Department of Agriculture, "Social Dimensions and Institutional Effectiveness of Collaborative Stewardship with Tribal Nations of a Forest Agroecosystem in California," (PI: Paul Burow), 2023-2025, \$225,000
- University of California Climate Action Seed Grant, University of California Research Grants Program Office, "Improving Social-Ecological Resilience of California Dryland Forest Agroecosystems to Climate Change," (co-I; PI: Miranda Redmond; co-PI: Gabrielle Wong-Parodi), 2023-2025, \$1,998,931 (Stanford Subaward: \$881,996)
- Wildfire Recovery and Forest Resilience Grant, Sierra Nevada Conservancy (State of California), "Sweetwater Forest Resilience Project," (co-PI; PI: Alexandra Urza), 2023-2026, \$836,655 (Stanford subaward: \$53,904)
- Predoctoral Fellowship, National Institute of Food & Agriculture, U.S. Department of Agriculture (PI: Paul Burow), 2020-23, \$180,000
- Dissertation Fieldwork Grant, The Wenner-Gren Foundation for Anthropological Research (PI: Paul Burow), 2021-22, \$20,000
- Rapid Response Research Grant, Impacts of COVID-19 Pandemic on Rural Attitudes about Federal Aid and Recovery, Division of Social and Economic Sciences, National Science Foundation (PI: Justin Farrell), 2020, \$178,698
- Research Grant, White Mountain Research Center, Institute of the Environment & Sustainability, University of California–Los Angeles (PI: Paul Burow), 2017-18

Internal Grants

- Research Grant, Mobley Family Fund in Environmental Humanities, School of the Environment, Yale University, 2021

Dissertation Fieldwork Grant, Alan H. Smith Fund, Department of Anthropology, Yale University, 2019
 Doctoral Dissertation Improvement Grant, Yale Institute for Biospheric Studies, Yale University, 2019
 Conference Travel Grant, Schwartz Family Foundation Fund, Department of Anthropology, Yale University, 2018
 Doctoral Pilot Grant, Yale Institute for Biospheric Studies, Yale University, 2018
 Research Grant, Yale Center for the Study of Race, Indigeneity, and Transnational Migration, Yale University, 2018
 Conference Travel Grant, Doctoral Student Travel Fund, Yale University, 2017-18
 Doctoral Research Grant, Yale Institute for Biospheric Studies, Yale University, 2016-18
 Summer Research Grant, Yale Center for the Study of Race, Indigeneity, and Transnational Migration, Yale University, 2017
 Master's Scholarship, School of the Environment, Yale University, 2014-16
 Research Grant, Wildlife and Wild Lands Fund, Yale University, 2015
 Research Grant, Carpenter-Sperry Research Fund, Yale University, 2015
 Conference Travel Grant, Master's Student Travel Fund, Yale University, 2015

Awards and Fellowships

University Fellowship, Graduate School of Arts & Sciences, Yale University, 2016-22
 Arthur J. Quinn Memorial Fellowship, The Bancroft Library, University of California, Berkeley, 2022-23
 John F. Enders Fellowship, Graduate School of Arts & Sciences, Yale University, 2021
 MacMillan International Dissertation Research Fellowship, The Whitney and Betty MacMillan Center for International & Area Studies, Yale University, 2019
 Western Research Fellow, High Plains Stewardship Initiative, Ucross Foundation and Yale School of the Environment, 2017 & 2019
 Butler Koshland Fellowship, Emerging Leader in Society & Environment, Butler Koshland Fellowships / The San Francisco Foundation, 2012-13
 Undergraduate Research Scholar Award, College of Letters & Science, University of California–Davis, 2006.

Conference Presentations

“Reckoning with the Past, Reclaiming the Future: Conservation and Settler Colonialism on a Resource Frontier in California’s Great Basin.” Panel: Decolonizing Alliances for the Post-Carbon Transition. Annual Meeting of the Society for Applied Anthropology, Santa Fe, NM, March 29, 2024.
 “Cultivated Belonging: Sage Grouse Conservation and the Remaking of Landscapes for the Settler Anthropocene.” Panel: Multispecies Justice: More than a Zero-Sum Game? Joint Annual Meeting of the American Anthropological Association and Canadian Anthropological Society, Toronto, ON, Canada, November 18, 2023.
 “Revitalizing Pine Nut Nation: Environmental Change and Indigenous Stewardship of Pinyon Pine Woodlands in the Great Basin.” Panel: Community Based Conservation and Land Management. Society of Ethnobiology and Society for Ethnobotany Joint Meeting, Atlanta, GA, June 5, 2023.

- “Fear and Trembling on the Playa: An Unnatural History of Pleistocene Lakebeds in the Great Basin.” Panel: Geomorphologies for Living with a Changing Planet: Perspectives and Interrogations. Annual Meeting of the American Anthropological Association, Seattle, WA, November 10, 2022.
- “Whither the Sage Grouse? Belonging and Nonhuman Placemaking on Anthropogenic Landscapes” Panel: Cultivating More than Human Places: Practices of Belonging and Exclusion. EnviroLab Conference - Placing: New Engagements with the ‘Environment’, University of Pennsylvania, Philadelphia, PA, March 20, 2021.
- “Pine Nut Trees and the Cultural Politics of Nature in North America’s Great Basin.” Panel: Planthropocene Palaver. Joint Annual Meeting of the American Anthropological Association and Canadian Anthropological Society, Vancouver, BC, Canada, November 22, 2019.
- “‘The Forest is our Culture’: Indigenous Sovereignty and the Rise of Cultural Resource Management in the Great Basin.” Panel: All That Glitters: Indigenous Property, Knowledge Production, and the Politics of Colonial Extraction in the 20th Century Southwest. Annual Meeting of the Western History Association, Las Vegas, NV, October 19, 2019. Panel co-organizer.
- “Ecologies of Belonging: Piñon-Juniper Woodlands and the Cultural Politics of Nature in North America’s Great Basin.” Panel: Landscapes and Materialities of Global Change. Annual Meeting of the American Anthropological Association, San Jose, CA, November 18, 2018.
- “Forest Afterimages: Ecological Change and the Cultural Politics of Belonging in Great Basin Woodlands.” Biennial Meeting of the Great Basin Anthropological Association, Salt Lake City, UT, November 10, 2018.
- “Settler Pastoral: Wildlife Conservation, Dispossession, and Colonial Ethics of Care in the North American West.” Panel: The Non-Human Borderlands: Within. Annual Meeting of the American Anthropological Association, Washington, DC, November 29, 2017.
- “Wildlife Conservation and Settler Colonialism in the North American West.” 33rd Annual F&ES Research Conference, Yale School of the Environment, April 2017.
- “Saving Buffalo Nation: Bison, Indigenous Peoples, and Settler States of the Intermountain West.” Master’s Student Research Colloquium, Yale School of the Environment, April 2016.
- “Political Economy of Land Allotment on the Flathead Indian Reservation.” 7th International Conference of Critical Geography, Ramallah, Palestine, July 2015.
- “Measuring the Sustainability of Central Valley Cities: A Quantitative Approach.” 17th Annual Undergraduate Research Conference, University of California-Davis, April 2006.
- “Building Indigenous/non-Indigenous Alliances for Shared Forest Stewardship.” The Duality of Environmental Justice. Doerr School of Sustainability & Graduate School of Business, Stanford University, March 19, 2024.

Invited
Presentations

- "The Ecology of Belonging: Climate Change, Settler Colonialism, and More-than-Human Mobility in the North American West." Department of Anthropology, University of California, Santa Barbara, January 25, 2024.
- "Nut Pine and the Art of Flourishing in the Anthropocene." Yale Plant Humanities Symposium, Program in Environmental Humanities, Yale University, April 8, 2023.
- "Forest Values: A Moral Ecology of the Woodland for the Settler Anthropocene" Program in Environmental Humanities, Yale University, November 28, 2022.
- "[The Moral Ecology of a Forest: Caring for Trees in North America's Changing Pinyon-Juniper Woodlands.](#)" Graduate Spotlight Series, Peabody Museum of Natural History, Yale University, April 7, 2022.
- "Novel Ecosystems and the Cultural Politics of Environmental Change." Confluence Research Seminar, Yale School of the Environment, April 1, 2021.
- "Covid-19 and the Rural U.S. West." American West Working Group, The Bill Lane Center for the American West, Stanford University, February 26, 2021 (with Kathryn McConnell and Justin Farrell).
- "Effects of Forced Migration and Land Dispossession on Indigenous Peoples in North America." Sociology of Culture Workshop, Department of Sociology, New York University, December 3, 2020 (with Justin Farrell).
- Discussant for Jennifer Haverkamp, "Must Diplomats Choose Between Promoting Justice and Their National Interests? Reflections of a multilateral negotiator." Global Environmental Justice Conference, Yale School of the Environment, November 14, 2020.
- "Being and Place in the Anthropocene: An Ecology of Belonging" Inside/Outside: Space and Belonging in the Environmental Humanities, Program in Environmental Humanities, Yale University, September 10, 2020.
- "Ecologies of Belonging: The Cultural Politics of Nature and Nation in North America's Great Basin." Brown Bag Forum, Department of Anthropology, Stanford University, January 14, 2019.
- "Ecologies of Belonging: The Cultural Politics of Nature and Nation in North America's Great Basin." Prospectus Workshop, Department of Anthropology, Yale University, December 10, 2018.
- "Forest Afterimages: The Cultural Politics of Place in North America's Great Basin." Presentation, Humanities Research Center, Rice University, November 6, 2018.
- "Livability: Dislocations." Lecture for EVST100, Environment, Culture and Society, Rice University, November 6, 2018. With Dr. Kali Rubaii.
- "Technics of Interpretation: On Ethnography, Transhumant and Otherwise." Lecture for F&ES551, Qualitative Social Science Research, Yale School of the Environment, October 29, 2018.
- "Pine Nut Forests and the Cultural Politics of Nature in North America's Great Basin." Yale Environmental Humanities Workshop, October 25, 2018.
- "Nature, Power, and Settler Colonialism." Lecture for F&ES764, Environment, Culture, Morality and Politics, Yale School of the Environment, September 13, 2018.
- "Settler Colonialism and the North American West." Lecture for F&ES764, Yale School of the Environment, September 28, 2017.

“Saving Buffalo Nation: Settler Colonialism and the Rise of Wildlife Conservation in the Intermountain West, 1855-1934.” Yale Environmental History Colloquium, September 26, 2017.

Discussant for Faizah Zakaria, “A Mantra for Elephants: Large Mammals and Ethnic Change in Malaya before 1900.” Graduate Student Colloquium, Yale Program in Agrarian Studies, April 20, 2017.

“Conservation and Development in Settler-State Contexts.” Lecture for ANTH597/F&ES839, Yale School of the Environment, December 7, 2016.

Teaching Experience

Teaching Fellow, Environmental Studies 764, Environment, Culture, Morality, and Politics, Yale University, Fall 2018.

Teaching Fellow, Environmental Studies 764, The North American West as an Environmental, Cultural, and Political Case Study, Yale University, Fall 2017.

Teaching Fellow, Anthropology 597/Environmental Studies 839, Social Science of Conservation and Development, Yale University, Fall 2016.

Teaching Fellow, History/Environmental Studies 120, American Environmental History, Yale College, Spring 2016.

Teaching Fellow, Environmental Studies 764, Field Course in Culture, Politics and Social Change (Western Wyoming), Yale University, Spring 2016.

Teaching Fellow, Anthropology 582/Environmental Studies 882, Black Box of Implementation: Households, Communities, Gender, Yale University, Fall 2015.

Selected Media Coverage

Treisman, Rachel. “How loss of historical lands makes Native Americans more vulnerable to climate change.” *National Public Radio*. November 2, 2021.

Flavelle, Christopher. “Forced Relocation Left Native Americans More Exposed to Climate Threats, Data Show.” *The New York Times*. October 28, 2021.

Walsh, Dylan. “Near Total Loss of Historical Lands Leaves Indigenous Nations in the U.S. More Vulnerable to Climate Change.” *Yale News*. October 28, 2021.

Johnson, Emma. “Examining the Impact of the COVID-19 Pandemic on the Rural American West.” *Yale Environment News*. January 25, 2021.

Walsh, Dylan. “Land and Belonging.” *Canopy Magazine*. Fall 2020.

Dennehy, Kevin. “The Pandemic Has Dramatically Changed Rural Attitudes toward Government.” *Yale Environment News*. August 18, 2020.

Gavon, Lisa. “Living consciously in the natural world.” *The Record-Courier* [Minden, NV]. February 27, 2020.

Connolly, Bess. “Campus-wide initiative takes humanities approach to energy and environment.” *Yale News*. September 6, 2018.

Academic Service

Co-Coordinator, Environmental Anthropology Collective, Prof. K. Sivaramakrishnan, Department of Anthropology, Yale University, 2022–2023.

Diversity, Equity & Inclusion Committee, School of the Environment, Yale University, 2021–2022.

Climate Committee, Department of Anthropology, Yale University, 2020–2021.

Program Coordinator & Steering Committee, Environmental Humanities Initiative, Yale University, 2017–2018.

Co-Coordinator, Ethnography & Social Theory Colloquium, Department of Anthropology, Yale University, 2017–2018.
 Executive Board & Departmental Representative, Graduate Student Assembly, Graduate School of Arts & Sciences, Yale University, 2017–2018.
 Coordinator, Environmental Anthropology Doctoral Lab, Prof. Michael R. Dove, School of the Environment, Yale University, 2016–2017.
 Coordinator, Social Ecology Master's Lab, Prof. Michael R. Dove, School of the Environment, Yale University, 2015–2016.
 Academic Affairs Committee, School of the Environment, Yale University, 2014–2016.
 Master's Program Committee, School of the Environment, Yale University, 2014–2016.
 Student Affairs Committee, School of the Environment, Yale University, 2014–2016.
 Environmental Policy and Planning Commission, Associated Students of the University of California–Davis, 2006–2007.

Peer Review
Service

Manuscript referee – Journal of Political Ecology, Nature Sustainability, Economic Anthropology, Ethnos: Journal of Anthropology

Fieldwork
Experience

Postdoctoral Fieldwork, Eastern Sierra Nevada, California, 2023-2024.
 Dissertation Fieldwork, California & Nevada, 2019-2022.
 Pre-dissertation fieldwork, California & Nevada, 2016-2018.
 Thesis fieldwork and volunteer consultant for Tribal Legal Department and Tribal Lands Department, Confederated Salish & Kootenai Tribes of the Flathead Nation, Pablo, Montana, 2015-2016.
 Pre-thesis fieldwork, Confederated Salish & Kootenai Tribes of the Flathead Nation, Pablo, Montana, 2014

Professional
Memberships

American Anthropological Association
 Association of American Geographers
 Native American & Indigenous Studies Association
 Society of Ethnobiology