

Carol A. MacLennan

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Research Interests

Political ecology/environmental anthropology; ethno-history, industrialization and environmental history (sugar cane, mining); anthropology of policy (toxics, water); Hawai'i; the Great Lakes.

Degrees

B.A. History, UC San Diego
M.A. Anthropology, UC Berkeley
PhD. Anthropology, UC Berkeley

Positions

1985- . Michigan Technological University. Social Sciences Department. Associate Professor.

1979-1985. Social Science Analyst. National Highway Traffic Safety Administration. U.S. Department of Transportation. GS 12, GS 13.

1978-79. US Federal Trade Commission. Consultant. Policy Planning Bureau (Real Estate study); Bureau of Consumer Protection. (Consumer Information Remedies report).

1978. Instructor – Sonoma State University, Anthropology Department.

1976-1978. NIH Fellow. UC Berkeley Department of Anthropology.

1974-1975. Community Development Specialist. Village of Bacavi. Hopi Tribal Council. Oraibi, Arizona

1970-1974. NIH Fellow. UC Berkeley Department of Anthropology.

Selected Publications

Sovereign Sugar: Industry and the Environment in Hawai'i. (In Press) University of Hawaii Press.

“Pearl Harbor’s Long Shadow: Militarization of Hawai’i’s Landscape.” In S. Laakkonen, R. P. Tucker, and T. Vuorisalo, eds. *The Long Shadows: an Environmental History of the Second World War* (under review) Oregon State University Press.

Review. *Santa Rita del Cobra: A Copper Mining Community in New Mexico*. By. C. Huggard and T. Humble. *Montana: The Magazine of Western History* (submitted)

Review. *Engineering Nature: Water, Development, & the Global Spread of American Engineering Expertise*. By J. Teisch. *Hawaiian Journal of History*. 46 (2012)

Review. *Island World: A History of Hawai`i and the United States*. By Gary Okihiro. *Hawaiian Journal of History* 44 (2010)

"Plantation Payday: A Research Note" *The Hawaiian Journal of History*. 42:277-284 (2008).

"Wai: Indigenous Water, Industrial Water in Hawai`i" *Organization and Environment*. 20(4):497- 505 (2007).

"Kilauea Sugar Plantation in 1912: A Snapshot" *The Hawaiian Journal of History*. 41: 1-13. (2007)

"How Mining, Ranching, and the State Changed the Landscape of Southwestern New Mexico, 1850-2005" (with C. Walck) in L Cliggett and C. Pool, eds. *Economies and the Transformation of Landscape*. Alta Mira Press. (2007)

Review. *Water and the Law in Hawaii*. By L. Miike. In *The Hawaiian Journal of History*. 39 (2005).

"Corruption in Corporate America: Enron--Before and After," in *Corruption: Anthropological Perspectives*, Dieter Haller and Cris Shore, editors, Pluto Press, London & Ann Arbor, Michigan. (2005)

"Invasive Industries: Political Ecology of the Hawaiian Sugar Plantation" *Historical Social Research. Special Issue: Frontiers of Environmental History*. 29(3), 37-62 (2004)

Review. *Sugar Water: Hawaii's Plantation Ditches*. By Carol Wilcox. In *IA: The Journal of the Society for Industrial Archeology*. 27 (2001) pp. 49-51.

"Hawaii's Early Plantation Heritage" *CRM: Cultural Resources Management*. 21:8. pp. 41-42. U.S. National Park Service. (1998)

"Democracy Under the Influence: Cost-Benefit Analysis in the U.S." *Meanings of the Market: The Free Market in Western Culture*. James Carrier, ed. Oxford: Berg Publishers. pp. 195-224. (1997)

"Hawaii Turns to Sugar: The Rise of Plantation Centers, 1860-80." *Hawaiian Journal of History*. 31:97-25. (1997)

"Foundations of Sugar's Power: Early Maui Plantations, 1840-1860." *Hawaiian Journal of History*. 29:33-56. (1995)

"Working in Industrial Agriculture: Book Review Essay." *American Anthropologist*. 97(4):797-799. (1995)

"Democratic Participation: A View from Anthropology" in *Diagnosing America: Anthropology and Public Engagement*. S. Forman (ed.) University of Michigan Press, (1993)

"Public Sector Unions and the Possibilities for Democratic Administration in the U.S." in Greg Albo, David Langille, and Leo Panitch (ed.), *A Different Kind of State?: Popular Power and Democratic Administration*. Toronto: Oxford University Press. pp. 144-154. (1993)

"From Accident to Crash: the Auto Industry and the Politics of Injury." *Medical Anthropology Quarterly* 2(3):233-250. (1988)

"Rebuilding the Espirit of Government." In *Winning America: Ideas and Leadership for the 1990's*. Marcus Raskin and Chester Hartman, editors. South End Press and the Institute for Policy Studies, pp. 27-34. (1988)

The State and Democracy: Revitalizing America's Government. Co-author with Mark Levine, Charles Noble, and John Kushma. Routledge, Kegan, and Paul. (1988)

"Unmeasured Costs of Injury." *Public Health Reports*. 102(6):636-637. (1987)

"Political Response to Economic Loss: The Automotive Crisis of 1979-82" in *Urban Anthropology*. 14(1-3):21-57. (1985)

"A Wide Angle on Regulation - An Anthropological Perspective: Comment" in Roger Noll, ed. *Regulatory Policy and the Social Sciences*, University of California Press, pp. 160-171. (1985)

"Crisis and Change in U.S. Agriculture: Overview" (with R. Walker) in R. Burbach and P. Flynn (eds.) *Agribusiness in the Americas* New York: Monthly Review Press. (1980)

Awards & Consulting

Keewenaw Land Trust. "Cultural Landscape Survey and Interpretive Plan for Paavola and Boston Pond" 2012-2013. Grant - \$14,600.

Michigan Sea Grant. "Torch Lake Area of Concern: History, Status, Prognosis" Co-PI with Noel Urban and Judith Perlinger (Environmental Engineering). Grant - \$75,000.

National Endowment for the Humanities. Collaboration with Keewenaw Bay Ojibwe Community College. "Weaving our History: Voices of Wisdom and Memory Oral History Project" 2011-2013. Consultant - \$7,000.

U.S. Department of Education, FIPSE (Fund for Improvement of Post-Secondary Education). "Sustainable Development for Rural Communities: Social, Health, Economic, and Environmental Advantages" Co-P.I. with Alex Mayer (Geological Engineering) and Blair Orr (Forestry). 2008-2011. Grant. - \$180,000. 2008.

Michigan Technological University Faculty Scholarship Grant. "Manuscript Completion for *Sovereign Sugar*." 2007. Grant - \$2,000.

Michigan Technological University Faculty Scholarship Grant. "Sugar Industry and Environment in Hawaii, 20th Century" 2006. Grant - \$3,500.

City of Houghton, Michigan. Research grant. "Huron Mining Complex: Mapping and History" 3003. Grant - \$5,000.

Michigan Technological University. Faculty Development Grant. "Hawaiian Sugar and Sovereignty" 1997. Grant - \$5,000.

National Endowment for Humanities. Travel to Collections Grant. "Hawaiian Sugar Plantation Archives. 1992-3. Grant - \$750.

Wenner-Gren Foundation for Anthropological Research. "Hawaiian Sugar Industry" 1990-92. Grant - \$9,500.

US Federal Trade Commission. 1975. Consumer Protection Bureau, Policy Bureau. Consultant.

National Institute of Health Traineeship, Anthropology Department. UC Berkeley. Full 5 year Graduate Fellowship and research support for fieldwork and dissertation research/writing. 1970-73; 1974-76.

Honors, Professional Service

Reviewer for: *American Anthropologist*, *Hawaiian Journal of History*, *Food and Foodways*, *IA: Journal for Society of Industrial Archaeology*, Wiley and Blackwell Publishers, University of Hawai'i Press, Sage Publications, Choice, Princeton University Press; St. Martin's Press; Congressional Quarterly Press; Routledge/Taylor & Francis Group; *Urban Anthropology*; *Science, Technology, & Human Values*; *City and Society*; National Science Foundation.

American Anthropological Association. Association for the Anthropology of Policy. Executive Leadership Team. 2011-

American Anthropological Association. Commission on Labor Relations. Elected position. 2009-211.

Fellow, Society for Applied Anthropology. Appointed 2007.

Scholar in Residence. Amerind Foundation. Dragoon, AZ. Winter Quarter, 1995.

American Anthropological Association National Panel on Disorders of Industrial Societies. Appointed. 1988-90.

Award for Outstanding Performance, U.S. Department of Transportation. 1980, 1982.

Memberships

American Anthropological Association (including Environmental Anthropology, Association for Anthropology of Policy), American Society for Environmental History,

Society for Applied Anthropology, Political Ecology Society, Society for Industrial Archaeology, Hawaiian Historical Society, European Society for Environmental History.

Recent Presentations

“Pearl Harbor’s Long Shadow” (Invited) University of Helsinki Workshop: The Long Shadows. August 2012.

“Militarized Landscapes in the Island Pacific.” Biennial Meeting of the European Society for Environmental History. Turku, Finland. June 2011.

“Industrial Waters and Sustainability in Hawai‘i” Annual Meeting of Society for Environmental Historians. Phoenix, AZ. April 2011.

“Mining Waters in the U.S: A Human Rights Policy Issue” Annual Meeting of American Anthropologists. New Orleans, LA. November 2010.

“Pearl Harbor’s Waters: Enclosure and the Consequences of National Security” Annual Meetings. Society for Applied Anthropology. Merida, Mexico. March 2010.

“Using Environmental History to Understand Sustainability: The Case of Silver City, NM” (co-author with Christa Walk, presenter) International Association for Business and Society 2010 Conference. Banff, Alberta, Canada. March 2010.

“The Militarization of Hawai‘i’s Lands and Waters” American Society for Environmental History Annual Meetings. Tallahassee, Florida. February 2009.

“Sugar’s Cultural Landscape.” Volcano National Park, Cultural Resources Division, Historic Preservation. (Invited) July 23, 2008.

“Emma Nakuina and her Work on Hawaiian Water Rights. Hawai‘i State Library. For opening of exhibit: "Rediscovering Emma: Emma Kailikapuolono Metcalf Beckley Nakuina, an Intellectual of the Last Century" (Invited) May 1, 2008.

“From Barracks to Cottages: The Landscape of Disease in Plantation Hawai‘i” Vernacular Architecture Forum Annual Meetings. Fresno, California. May 2008.

“Hawai‘i’s Industrialized Ecology: The Power of Corporate Sugar” American Society for Environmental History annual meetings. Boise, Idaho. March 2008.

“Mining the U.S.: Anthropology and Advocacy” American Anthropological Association annual meetings. Washington D.C. November 2007.

“New Alliances: Environment, Labor, and 21st Century Mining in the Lake Superior Basin” American Anthropological Association Annual Meetings. San Jose, CA. November 2006.

“Mining and Environmental Justice on the South Shore of Lake Superior” Society for Applied Anthropology Annual Meetings. Vancouver B.C. March 2006.

“A Quiet Unraveling: Erosion of Democratic Rights to Environmental Health and Safety”

American Anthropological Association Annual Meetings. Washington D.C. November 2005.

"Landscape, Industry, and Power in New Mexico's Southwest." (Co-Author with Christa Walck) Society for Economic Anthropology. Dartmouth College, Hanover, New Hampshire. April 2005.

"Eco-Industrial Heritage of Copper Mining in New Mexico." Society for Applied Anthropology Annual Meetings. Santa Fe, New Mexico. April 2005.

"Transforming Space over Time: A Leopoldian Look at the Impact of Mining and Ranching on Southwestern New Mexico, 1700-2000." (Co-Author with Christa Walck) American Society for Environmental History (ASEH) Annual Meetings. Houston, Texas. March 2005.

"Invasive Industries: An Eco-Industrial History of 19th Century Hawai'i." European Society for Environmental History (ESEH) Biennial Meetings. Florence, Italy. February 2005.

"Environmental Conflict, Class, and the Myth of the Stakeholder." Invited Panel Presentation: New Perspectives on Class. American Anthropological Association Annual Meetings. Chicago. November 2003.

"Digging Through Sugar's History In Hawaii: Stories from the Archives." Lecture. Experts at the Palace: Fourteenth Annual Lecture Series on Historical Preservation. Friends of Iolani Palace and Historical Preservation Program at University of Hawaii. Honolulu, Hawaii 2001.

"Sustainable Forestry or Frankentrees: The Politics of Biotech Trees." Xi Sigma Pi (Society of American Foresters, Student Chapter) Symposium: Implications of Genetic Engineering for Intensive Forest Management Michigan Technological University. April 2000

Current Courses

Undergraduate: World Peoples and Environments. Histories and Cultures of the Pacific. History and Cultures of the North. Ethnographic Methods. Environmental Anthropology.

Graduate: Environmental Policy and Politics. (Environmental and Energy) Industrial Communities. (Industrial Heritage and Archaeology) Global Industrial History (Industrial Heritage and Archaeology)

Graduate Students

Current:

Valoree Gagnon (Ph.D. Environmental and Energy Policy) NSF Funded

Mariah Maggio (Ph.D. Environmental and Energy Policy)

Emma Schwaiger (MS Industrial Archaeology) NOAA Funded

Alajandra Alvarez (MS Industrial Archaeology)

Past:

Andrew Orthober. "Public Participation in Michigan Mining Policy: The Kennecott Eagle Case." Environmental Policy, MS. August 2012

Valoree Gagnon. "Fish Contaminants through the Tribal Perspective: An Ethnography of the Keweenaw Bay Indian Community." Environmental Policy, MS. May 2011

Genevieve Borg. "The Past, Present, and Future Role of the Council for Regulatory Environmental Modeling in Facilitating Model Evaluation within the Environmental Protection Agency." Environmental Policy, MS. 2009.

Stacey Pilling, "Perceptions and Realities of Water Quality in a Yaqui Village." Environmental Policy, MS. 2008

Gary Kaunonen, "Challenge Accepted: A Finnish Immigrant Response to Industrial America in Michigan's Copper Country." Industrial Archaeology, MS. 2007

Katherine Kruse, "We Speak for Ourselves: A Grassroots Effort to Change Wisconsin's Mining Law." Environmental Policy, MS. 2005

Katherine Strong, "The Conceptualization and Implementation of the Wilderness Idea in the Porcupine Mountains." Environmental Policy, MS. 2005

Joseph Wilson, "The History and Archaeology of the Huron Copper Milling Complex." Industrial Archaeology, MS. 2004

Jennifer Binkley-Power, "The Expansion of Renewable Energy in our National Parks: Powering Isle Royale." Environmental Policy, MS. 2004

Timothy Fillmore, "Yupiaq Ecological Knowledge: A Case Study of the Fall Collection in Chefornak, Alaska." Environmental Policy, MS. 2003.

Miki Valatasaari, "The Forest Stewardship Council: Environmental Responsibility through Global Marketing." Environmental Policy, MS. 1998

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