

Curriculum Vitae

Gregory Carl Burtchard

Personal Information

Date of Birth: March 3, 1945
Place of Birth: Bainbridge, Maryland USA
Current Address: 2004 Brookmonte Drive SE
Puyallup, WA 98372
Telephone: 253-318-0037
Email: Burtchard@outlook.com

Education

B.A. 1967 University of New Mexico, Albuquerque, NM: Anthropology & Political Science
M.A. 1973 University of New Mexico: Anthropology
Ph.D. All but Dissertation in Anthropology completed at the University of New Mexico

Academic Emphases

ARCHAEOLOGY - Theory, method and field implementation. Emphasis on ecological processes underlying systems change. Professors: W. James Judge, Linda S. Cordell, Lewis R. Binford.

ECOLOGICAL ANTHROPOLOGY - Special emphasis on general models of cultural evolution and ecological change and resulting adaptive social response. Professors: Karl H. Schwerin, Carol Smith, Hitoshi Watanabe.

Current Professional Emphases

ARCHAEOLOGY - Special concern with field implementation of archaeological research and maintenance of research integrity in cultural resource studies. Field experience at Mount Rainier and the Washington/Oregon Cascades; Hawai'i and the greater Pacific Basin; various Columbia River settings in Oregon and Washington; the Northern Rocky Mountains; and northern and central New Mexico. Research emphases on demographic processes and the shift from forager to semi-sedentary collector adaptations in Northwestern North America; and on the development and spatial expansion of complex cultural systems in a variety of ecological contexts.

ECOLOGY - Continuing interest in models regarding population density, resource intensification, and cultural change; and on the application of such models to anthropological and archaeological research. Particular stress on implications of these issues to Pacific Basin and New World population dispersal and socio-cultural change .

GENERAL ANTHROPOLOGY EMPHASES - Ecological Anthropology, Geography, and Socio-Cultural Change.

Professional Experience & Fieldwork

2022 - Present Faculty Fellow in Anthropology. Pacific Lutheran University. Tacoma Washington.

2021 - 2022 Lecturer in Anthropology teaching courses in Introduction to Biological Anthropology (Anth 101) , Introduction to Archaeology (Anth 103), and Ecology, Archaeology and Prehistory of the Pacific Northwest (Anth 388) at Pacific Lutheran University. Tacoma. Washington.

2016 - Present Archaeological Consultant and Emeritus (volunteer) Archaeologist/Cultural Anthropologist. Mount Rainier National Park.

2000 - 2016 Archaeologist, Cultural Anthropologist and Cultural Resource Specialist, U.S. Department of the Interior, Mount Rainier National Park. Responsibilities include research and oversight of the park's archaeological and Native American consultation programs; and coordination of cultural resource issues generally.

1991 - 1999 Associate Archaeologist and Projects Manager with the International Archaeological Research Institute, Inc., Honolulu. With IARII I have served as Principal investigator and/or project director on the following inventory surveys and data recovery projects, and co-directed the paleoenvironmental coring operations:

Hawai'i Island: Keauhou Mauka Land inventory survey; Keauhou Parcel 34 data recovery; Keauhou Parcel 35 data recovery; Keauhou Frazier Parcel data recovery; developed research design, land-use model and directed inventory in Puna Geothermal Resource Subzones, Puna District, PI for Waimea Town Center-Waimea Field System research.

O'ahu: Kapapa Lo'i-M noa data recovery; Paleoenvironmental coring at Ka'au Crater, Kawainui Marsh, 'Uko'a Pond, Nimitz Hwy/Moanalua Stream and Chinatown/Nu'uuanu Stream

Kaua'i: Paleoenvironmental coring at Kanae Bog

Moloka'i: Paleoenvironmental coring at a series of fishponds on the island's south shore, Inventory survey and testing projects in Kaluako'i Ahupua'a

Kaho'olawe: Paleoenvironmental coring at various locations

Guam: S. Pulantat/Manenggon Hills survey, Gun Beach-Fafai Wastewater Corridor survey

Palau: Archaeological monitoring and test excavation for fiber optic trenching on Babeldaob Island

Pacific Northwest: Clackamas Wild and Scenic River inventory survey, Mt. Hood National Forest, Oregon; Shale Site Evaluation, Mt. Hood National Forest; John Day Fossil Beds National Monument research design and inventory, Mt. Rainier National Park research design and reconnaissance; Deschutes National Forest inventory and testing project; Plum Creek Land Exchange inventory and testing, Wenatchee National Forest; Newkah Creek Fish Weir Reconnaissance

1988 - 1991 Senior archaeologist with the Laboratory of Archaeology and Anthropology, Department of Anthropology, Portland State University. Principal Investigator on projects along the Lower Columbia River; in the Central Cascade Mountains, primarily Mt. Hood National Forest; and others in the greater Pacific Northwest.

1988 - 1989 Adjunct professor of Anthropology at Linfield College, McMinnville, Oregon teaching courses in Cultural Ecology, World Geography, and Socio-Cultural Change.

1988 - 1987 Co-Principal Investigator for the Calispell Valley Archaeological Project (CVAP), Washington State University, Center for Northwest Anthropology. Effort involved excavation of a series of residential and camas processing localities in the Northern Rocky Mountains. We investigated a modeled shift toward intensive exploitation of camas as a strategy to cope with increasing population load on locally available resources.

1986 Project director for the CVAP and the Middle Kootenai Archaeological Project (MKAP) with Center for Northwest Anthropology. 1986 CVAP work focused on data analyses and report preparation for field efforts conducted in 1985. MKAP involved field work, analysis of new and previously recovered data, and publication of a regional synthesis and research program designed to guide additional field work in the Middle Kootenai region of northwestern Montana.

1985 Project director for the CVAP in northeastern Washington. I directed archaeological field activities involving the sampling procedures and test excavation of a series of nine of camas processing, residential and special purpose localities.

1984 Project director for the John Day Narrows Project, sample excavation of 35GM91 on Oregon's John Day River conducted by the Office of Public Archaeology, University of Washington.

1984 Instructor and co-director of the Linfield Archaeological Project in the Salmon River Estuary on the north Oregon coast. I instructed students in field techniques involved in the survey and test excavation of a series of residential/shell midden sites for Linfield College, McMinnville, Oregon.

1984 - 1981 Part-time instructor of Chemeketa Community College, McMinnville, Oregon. I regularly taught freshman and sophomore level classes in Cultural Anthropology, Human Evolution, and Archaeology; as well as English as a Second language.

1979 Project director and co-field director for the Box Canyon and Umatilla Archaeological Projects conducted by the Washington Archaeological Research Center (now CNA), Washington State University. The projects involved test excavation and survey of a series of village, smaller residential and special use sites near the confluence of the Umatilla and Columbia Rivers.

1978 Private archaeological consultant participating in archaeological reconnaissance projects near Cebolleta in New Mexico, and in the Fremont National forest near Lakeview, Oregon.

1978 - 1976 Bureau of Land Management archaeologist, Albuquerque District, New Mexico. I was involved with preparation of the Star Lake-Bisti Regional Coal Environmental Statement for northwest New Mexico. Work included field reconnaissance throughout the district, coordination of archaeological work done by various agencies, and writing and editing of reports for publication.

Early in 1976 I was involved in field survey in the region south of Chaco Canyon National Monument, New Mexico.

1976 - 1973 Field and academic work associated with the Department of Anthropology Graduate program at the University of New Mexico. Experience included:

1975 and 1974 Teaching assistant in charge of five to six crews for the field school excavation of Tijeras Pueblo, a Pueblo IV site near Albuquerque.

1976 - 1973 Graduate assistant for undergraduate courses in Cultural Evolution, South American Ethnology, History of Anthropology, Introduction to Anthropology, Southwestern Ethnology, and Indians of North America.

1973 Field Photographer for the excavation of Tijeras Pueblo near Albuquerque.

1973 Field crew member on archaeological field survey of a portion of the original Canada de Cochiti Land Grant near Santa Fe, New Mexico.

Publications

2024 *Plants, Tribal Traditions, and the Mountain; Practices and Effects of Nisqually Tribal Plant Gathering at Mount Rainier National Park.* Co-authored David Hooper and Arnie Peterson. U.S. National Park Service, Mount Rainier National Park. Ashford, Washington. Link: <https://irma.nps.gov/DataStore/DownloadFile/705949>

2017 *Mining Glacier Basin; History of the Glacier Basin Mining District, Mount Rainier National Park.* Greg Burtchard, Jacqueline Y. Cheung and Robert McIntyre, Jr.. U.S. National Park Service, Mount Rainier National Park. Ashford, Washington.

2016 Berkeley Rockshelter Lithics: Understanding the Late Holocene Use of the Mount Rainier Area. Bradford Andrews, Kipp Godfrey, and Greg C. Burtchard. *Journal of Northwest Anthropology*. University of Idaho. Moscow.

2016 *Forty Years of Survey Archaeology in John Day Fossil Beds National Monument; 1975 through 2015*. Burtchard Greg C., Eric Gleason and Jacqueline Y. Cheung Report to National Park Service. Columbia Cascades System Support Office, Seattle; and John Day Fossil Beds National Monument, Kimberly, Oregon. Copy available on request.

2012 *Camp Sunshine Point*. Archaeological Reconnaissance Report ARR2012-05. Archaeological Project Files. Mount Rainier National Park. Ashford, Washington. Copy available on request.

2012 *Finding Longmire Springs Hotel*. Archaeological Reconnaissance Report ARR2012-07. Archaeological Project Files. Mount Rainier National Park. Ashford, Washington. Copy available on request.

2009 Mt. Rainier Sites. In *Archaeology in America; An Encyclopedia*. Vol. 3, Southwest and Great Basin/Plateau. McManamon, Cordell, Lightfoot, and Milner (eds.). Greenwood Press. Westport, Connecticut.

2009 Holocene Subsistence and Settlement Patterns: Mount Rainier and the Montane Pacific Northwest. In *Archaeology in Washington*, 13:3-44. 2007. Publication of the Association of Washington Archaeologists.

2008 *Archaeology and History in the Nisqually River Corridor, Mount Rainier National Park*. Report co-authored with Jacqueline Y. Cheung, and Eric B. Gleason. U.S. National Park Service, Mount Rainier National Park. Ashford, Washington.

2008 *Paradise Camp; Archaeology in the Paradise Developed Area, Mount Rainier National Park*. U.S. National Park Service, Mount Rainier National Park. Ashford, Washington. Copy available on request.

2006 *Takhoma, Ethnography of Mount Rainier National Park* by Allan H. Smith. Greg C. Burtchard, and G. Lin deman (eds.). Washington State University Press. Pullman.

2005 Archaeology of Fryingpan Rockshelter (45PI43) in Mount Rainier National Park. Report co-authored with Patrick Lubinski. In *Archaeology in Washington*, 11:35-52. Publication of the Association of Washington Archaeologists.

2004 Agriculture on Leeward Hawai'i Island: The Waimea Agricultural System Reconsidered. Co-authored with Myra Tomonari-Tuggle. In *Hawaiian Archaeology* 9:50-73.

2003 *Seeking Waimea's Past: Archaeological Data Recovery At Waimea Town Center, Kamuela-Waimea, South Kohala, Hawai'i Island*. Co-authored with M.J. Tomonari-Tuggle for Parker Ranch, Kamuela, Hawai'i. International Archaeological Research Institute, Inc. Honolulu.

2000 *The Calispell Valley Archaeological Project Final Report*. Co-authored with William Andrefsky, Jr., Kira M. Presler, Stephen R. Samuels, Paul H. Sanders, and Alston Thoms. Center for Northwest Anthropology, Washington State University. Pullman.

1999 *An Archaeological Reconnaissance at the Pāpōhaku Aerial Gunnery Range, Kaluako'i Ahupua`a, Island of Moloka'i, Hawai'i*. Co-authored with J. Stephen Athens for US Army Engineer District, Honolulu. International Archaeological Research Institute, Inc. Honolulu.

1998 (updated 2003) *Environment, Prehistory and Archaeology of Mt. Rainier National Park, Washington*. Prepared for USDI National Park Service, Columbia Cascades System Support Office. Seattle. International Archaeological Research Institute, Inc. Honolulu. Copy available on request.

1998 *Archaeological Resources of Mt. Rainier National Park, Washington; 1995 Reconnaissance Data*. Co-authored with Stephen C. Hamilton. Prepared for USDI National Park Service, Columbia Cascades System Support Office. Seattle. International Archaeological Research Institute, Inc. Honolulu.

1998 *Environment, Prehistory & Archaeology of John Day Fossil Beds National Monument; Blue Mountain Region, North-Central Oregon*. National Park Service, Columbia Cascades System Office, Seattle. International Archaeological Research Institute. Honolulu.

1998 *Identification & Evaluation of Heritage Resources on National Forest Parcels of the I-90 Land Exchange Project; Wenatchee, Mt. Baker-Snoqualmie & Gifford Pinchot National Forests, Washington*. Prepared for Plum Creek Timber, Seattle; and Wenatchee, Mt. Baker-Snoqualmie, Gifford Pinchot National Forests, Washington. Jointly produced by International Archaeological Research Institute, Inc., Honolulu; and Northwest Archaeological Associates, Inc., Seattle.

1997 *Cascade Lakes, Browns & Seven Buttes Forest Restoration, Archaeological Inventory & Testing Project, Deschutes National Forest, Oregon*. Prepared for USDA Forest Service, Deschutes National Forest. Bend, Oregon. International Archaeology, Incorporated. Honolulu.

1996 *Population and Land Use on the Keauhou Coast, The Mauka Land Inventory Survey, Keauhou, North Kona, Hawai'i Island; Part I: Narrative*. Prepared for Belt, Collins and Associates and for Kamehameha Investment Corporation. International Archaeological Research Institute, Inc. Honolulu.

1996 *Population and Land Use on the Keauhou Coast, The Mauka Land Inventory Survey, Keauhou, North Kona, Hawai'i Island; Part II: Site Data*. Co-authored with Bruce A. Jones and Rey F. Quebral. Prepared for Belt, Collins and Associates and for Kamehameha Investment Corporation. International Archaeological Research Institute, Inc. Honolulu

1996 *Kāpapa Lo`i`o Kānewai, Archaeology at the Center for Hawaiian Studies, University of Hawai'i at Mānoa*. Co-authored with Jolie Liston. Prepared for Kauahikaua and Chun Architects. Honolulu. International Archaeological Research Institute, Inc. Honolulu.

1995 *Archaeology in the Kīlauea East Rift Zone, Part II: A Preliminary Sample Survey; Kapoho, Kamā`ili & Kīlauea Geothermal Subzones, Puna District, Hawai'i Island*. Co-authored with Maria T.K. Sweeney. Draft report prepared for Kamehameha Investment Corporation. International Archaeological Research Institute, Inc. Honolulu.

1995 *Archaeology and the John Day Fossil Beds National Monument, North Central Oregon; 1994 Inventory Data*. Co-authored with Jacqueline Y. Cheung, Eric B. Gleason and Stephen C. Hamilton. Draft report prepared for the National Park Service Pacific Northwest Region. International Archaeological Research Institute, Inc. Honolulu

1995 *Archaeological Inventory Survey of the Frazier Parcel, Keauhou, North Kona, Hawai'i Island*. Co-authored with Maria T.K. Sweeney. Draft report prepared for Kamehameha Investment Corporation. International Archaeological Research Institute, Inc. Honolulu.

1995 *Archaeological Survey & Data Recovery on Development Parcel 35, Keauhou, North Kona, Hawai'i Island*. Co-authored with M.J. Tomonari-Tuggle and R. Blankfein. For Kamehameha Investment Corporation. International Archaeological Research Institute, Inc. Honolulu.

1994 *Archaeology in the Kilauea East Rift Zone, Part I: Land-Use Model and Research Design; Kapoho, Kam`ili & Kilauea Geothermal Subzones, Puna District, Hawai`i Island*. Kamehameha Investment Corporation. International Archaeological Research Institute, Inc. Honolulu.

1994 *Archaeological Data Recovery, Development Parcel 34, Keauhou, North Kona, Hawai`i Island*. Co-authored with Jolie Liston. Prepared for Kamehameha Investment Corporation. International Archaeological Research Institute, Inc. Honolulu.

1994 *Archaeology and the John Day Fossil Beds National Monument, North Central Oregon; 1993 Inventory Data*. Co-authored with Jacqueline Y. Cheung and Eric B. Gleason. Prepared for the National Park Service Pacific Northwest Region. International Archaeological Research Institute, Inc. Honolulu.

1994 *Cultural Resource Evaluation of the Shale Site, 35MA113, Mt. Hood National Forest, Oregon*. International Archaeology, Incorporated. Honolulu.

1993 *Clackamas Wild and Scenic River Cultural Resource Inventory Project; Mt. Hood National Forest, Oregon. Part I: Narrative*. Co-authored with Dennis R. Werth and Sandra L. Snyder. Report submitted to Mt. Hood National Forest, Gresham, Oregon. International Archaeological Research Institute, Inc. Honolulu, Hawai`i.

1993 *Clackamas Wild and Scenic River Cultural Resource Inventory Project; Mt. Hood National Forest, Oregon. Part II: Site Data*. Co-authored with Dennis R. Werth. Report submitted to Mt. Hood National Forest, Gresham, Oregon. International Archaeological Research Institute, Inc. Honolulu, Hawai`i.

1991 *Cultural Resource Evaluation of the Ruby Site, 35CL42; Mt. Hood National Forest, Oregon*. Report submitted to Mt. Hood National Forest, Gresham, Oregon. Laboratory of Archaeology and Anthropology. Portland State University. Portland, Oregon.

1991 *Mt. Hood Cultural Resource Reevaluation Project; A Consideration of Prehistoric and Historic Land-Use and Cultural Resource Survey Design Reevaluation*. Co-authored with Robert W. Keeler. Report submitted to Mt. Hood National Forest, Gresham, Oregon. Laboratory of Archaeology and Anthropology. Portland State University. Portland, Oregon.

1991 *An Archaeological Inventory of the Gun Beach-Fafai Wastewater Corridor, Gogña Cove Through Harmon Annex, Guam*. Prepared for EMPSCO-Guam, Agaña, Guam. International Archaeological Research Institute, Inc. Honolulu.

1991 *Phase I Archaeological Inventory of the South Pulantat-RCA Parcel, Manenggon Hills, Yona, Guam*. Prepared for MDI Guam Corporation, Agaña, Guam. International Archaeological Research Institute, Inc. Honolulu.

1991 *The Columbia South Shore Project; A Sample Archaeological Reconnaissance of the Airport Way Urban Renewal Area, Portland, Oregon*. Prepared for Portland Development Commission. Laboratory of Archaeology and Anthropology. Portland State University. Portland, Oregon.

1990 *The Posy Archaeological Project; Upland Use of the Central Cascades, Mt. Hood National Forest*. Report submitted to Mt. Hood National Forest, Gresham, Oregon. Laboratory of Archaeology and Anthropology. Portland State University. Portland, Oregon.

1989 *Archaeological Investigations of the Trojan Locality, 35CO1*. Laboratory of Archaeology and Anthropology, Cultural Resource Investigation Series. Portland State University. Portland.

1987 *Prehistoric Land Use in the Northern Rocky Mountains: A Perspective from the Middle Kootenai River Valley*. Co-edited with Alston Thoms. Center for Northwest Anthropology, Project Report Number 4. Washington State University. Pullman.

1986 *The Calispell Valley Archaeological Project; Interim Report for 1984 and 1985 Field Seasons*. Co-edited with Alston Thoms. Center for Northwest Anthropology. Contributions to Cultural Resource Management, No. 10. Washington State University. Pullman.

1986 Chapters on Cultural Stratigraphy & Field Procedures in: John Day Narrows Archaeological Project. R.F. Schalk. Office of Public Archaeology, University of Washington. Seattle.

1981 *Test Excavations at Box Canyon and Three Other Side Canyon Sites in the McNary Reservoir*. Laboratory of Archaeology and History (now Center for Northwest Anthropology). Project Report Number 10. Washington State University. Pullman.

1980 Processes of Historic Change in Umatilla and the Columbia Basin; and sections relevant to field techniques and to historic archaeology. Published in Archaeological Investigations for the Second Powerhouse Project at McNary Dam, Near Umatilla, Oregon. Randall Schalk (ed.). Washington Archaeological Research Center (now Center for Northwest Anthropology). Washington State University. Pullman.

1979 Archaeological and Historic portions of the Star Lake - Bisti Regional Coal Environmental Statement. Bureau of Land Management, Albuquerque District. Albuquerque, New Mexico.

1977 & 1975 Excavation summaries and interpretation published as Appendices to the 1975 and 1974 Excavations of Tijeras Pueblo, Cibola National Forest, New Mexico. Linda S. Cordell. Archaeological Reports No. 18 and 5. Albuquerque: USDA Forest Service, Southwest Region.

Professional Memberships

Society for American Archaeology
Association of Washington Archaeologists

Professional Awards

Director's Appleman-Judd-Lewis Award for Excellence in NPS Cultural Resource Management, 2015
John L. Cotter Award for Excellence in National Park Service Archeology, 2017

References

J. Stephen Athens
Senior Archaeologist and General Manager
International Archaeological Research Institute, Inc.
Honolulu, HI 96826
808-946-2548
jsathens@iarii.org

Roger Andrascik,
Chief, Natural & Cultural Resources Division (Ret.)
Mount Rainier National Park
Ashford, WA 98304
360-701-1621
andrasci@rainierconnect.com

Patrick McCutcheon
Professor of Anthropology and Museum Studies
Central Washington University
Ellensburg, WA 98926
509-963-2075
patrick.mccutcheon@cwu.edu