

GABRIEL M. SANCHEZ

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EDUCATION

2019 Doctor of Philosophy, University of California, Berkeley, CA

Dissertation Title: The Historical Ecology and Ancient Fisheries of the Central California Coast: Insights from Point Reyes National Seashore and the Santa Cruz Coast

2015 Master of Arts in Anthropology, University of California, Berkeley, CA

2014 Bachelor of Arts in Anthropology, Magna Cum Laude with Departmental Honors, University of Oregon, Eugene, OR

RESEARCH INTERESTS

Environmental Anthropology
Historical Ecology
Small-Scale Societies
California Archaeology

Pacific Northwest Coast Archaeology
Great Basin Archaeology
Zooarchaeology Method and Theory
GIS Method and Theory

ACADEMIC APPOINTMENTS

2019-Present College of Social Science Dean's Research Associate, Department of Anthropology, Michigan State University

FIELD AND RESEARCH EXPERIENCE

Director, Coastal Archaeology and Zooarchaeology Laboratory (2019-present):

Department of Anthropology, Michigan State University, East Lansing, MI

Principal Investigator/Field Director, Central California Coast Archaeological Field Research (2019-Present):

Directed archaeological excavations along the San Mateo County coast; Directed the excavation of the Butano Mound (CA-SMA-184); Directed the excavation of CA-SMA-19 within Año Nuevo State Park in collaboration with the Amah Mutsun Tribal Band and California State Parks.

Zooarchaeologist (2018-Present):

Connley Caves, Northern Great Basin Prehistory Project, University of Oregon

Zooarchaeologist (2018-Present):

Paisley Caves, Northern Great Basin Prehistory Project, University of Oregon

National Science Foundation Graduate Research Fellow (2017):

Department of Anthropology, National Museum of Natural History, Smithsonian Institution, Washington, D.C.

Field Supervisor (2016-17):

Santa Cruz Coast Archaeological Survey and Field School, University of California Berkeley, CA

Zooarchaeology and Ichthyofaunal Apprentice (2016-19):

Gobalet Laboratory and Osteological Collection, San Francisco, CA

Research Supervisor (2015-19):

California Archaeology Laboratory, University of California Berkeley, Berkeley, CA

Field Supervisor (2015):

Point Reyes National Seashore Archaeological Survey and Field School,
University of California Berkeley, Berkeley, CA

Zooarchaeology Apprentice (2015):

Zooarchaeology Laboratory, University of California Santa Cruz, Santa Cruz, CA

Research Supervisor (2014-2019):

Zooarchaeology Laboratory, University of California Berkeley, Berkeley, CA

Field Crew (2014):

Northern Great Basin Prehistory Project, University of Oregon, Eugene, OR

Lab Assistant (2014):

Coastal Archaeology and Human Ecology Laboratory, University of Oregon, Eugene, OR

Indigenous Archaeology Intern (2013):

The Confederated Tribes of Grand Ronde, Cultural Resource Department, Grand Ronde,
OR

Archaeological Surveyor (2011-2012):

United States Forest Service, Willamette National Forest, McKenzie Bridge, OR

AWARDS

2019 Early Career Grant, National Geographic Society, Washington, D.C.

2018 Lowie-Olson Research Grant, University of California, Berkeley, Berkeley, CA

2017 Lowie-Olson Research Grant, University of California, Berkeley, Berkeley, CA

2016 Ford Foundation Predoctoral Fellowship Program-**Honorable Mention**, The
National Academies, Washington, D.C.

2016 National Science Foundation Graduate Research Internship Program Fellowship,
Arlington, VA

2015 Mentored Research Award, Graduate Division, University of California, Berkeley,
Berkeley, CA

2015 Historically Underrepresented Groups Scholarship, Society for American
Archaeology, Washington, D.C.

2015 Ford Foundation Predoctoral Fellowship Program-**Honorable Mention**, The
National Academies, Washington, D.C.

2015-2020 National Science Foundation Graduate Research Fellowship, Arlington, VA

2014-2015 Richard A. Diebold Fellowship, University of California Berkeley, Berkeley, CA

2014 Melvin C. Aikens Field School Scholarship, Museum of Natural and Cultural History,
University of Oregon, Eugene, OR

2014 Jane C. Waldbaum Archaeological Field School Scholarship, Archaeological Institute of
America, Boston, MA

2014 Undergraduate Paper of the Year Award, Department of Anthropology, University of
Oregon, Eugene, OR

2014 Department of Anthropology Research and Grant Funds, University of Oregon, Eugene,
OR

2013 Heritage Preservation Scholarship, Oregon Parks and Recreation Department Heritage
Program, Salem, OR

2013 Undergraduate Research Award, Fortieth Annual Society for Advancement of Chicanos
and Native Americans in Science Conference, San Antonio, TX

2012-2013 McNair Scholars Program Scholarship, University of Oregon, Eugene, OR

2012-2014 Diversity of Excellence Scholarship, University of Oregon, Eugene, OR
2012-2014 Hites Foundation Scholarship, Lane Community College, Eugene, OR
2012-2013 Centro Latino Americano Student Award, Eugene, OR

PUBLICATIONS

Book Proposals Under Review:

n.d. Lightfoot Kent G., Michael A. Grone, and Gabriel M. Sanchez. The Study of Indigenous Landscape and Seascape Stewardship on the Central California Coast: The Findings of a Collaborative Eco-Archaeological Investigation. Contributions of the University of California Archaeological Research Facility Publication Series. University of California, Berkeley.

Articles Under Review:

n.d. Sanchez Gabriel M., Michael A. Grone, Scott Byram, Alec J. Apodaca, Valentin Lopez, Roberta A. Jewett. Sensing the Past: Perspectives on Remote Sensing and Collaborative Archaeology from Coastal California. Special Issue: Remote Sensing of Archaeology. Remote Sensing.

n.d. Sanchez Gabriel M. Reevaluating the antiquity of the Palmrose site: Collections based research of an early plank house on the Oregon Coast. PLOS ONE.

2020 Blong, John C., Martin E. Adams, Gabriel Sanchez, Dennis L. Jenkins, Ian D. Bull, and Lisa-Marie Shillito. Younger Dryas and early Holocene subsistence in the northern Great Basin: multiproxy analysis of coprolites from the Paisley Caves, Oregon, USA. *Archaeological and Anthropological Sciences* 12, no. 9 (2020): 1-29.

2020 Sanchez Gabriel M., Kenneth Gobalet & Torben Rick (2020) New insights on the Par-Tee (35CLT20) site: Collections-based research of northern Oregon Coast fisheries, The Journal of Island and Coastal Archaeology, DOI: [10.1080/15564894.2020.1782538](https://doi.org/10.1080/15564894.2020.1782538)

2020 Sanchez, Gabriel M.

Indigenous Stewardship of Marine and Estuarine Fisheries?: Reconstructing the Ancient Size of Pacific Herring Through Linear Regression Models. *Journal of Archaeological Science: Reports* 29: 102061.

2019 Rick, Torben, Todd Braje, Thomas Wake, Gabriel Sanchez, Robert DeLong, and Kent Lightfoot.

Seventy Years of Archaeological Research on California's Farallon Islands. *California Archaeology* 11(2):183-203.

2018 Sanchez, Gabriel M., Kenneth W. Gobalet, Roberta Jewett, Rob Q. Cuthrell, Michael A. Grone, Paul Engel, and Kent G. Lightfoot.

The Historical Ecology of Central California Coast Fishing: Perspectives from Point Reyes National Seashore. *Journal of Archaeological Science* 100: 1-15.

2018 Sanchez, Gabriel M., Brendan J. Culleton, Michael Buckley, Jon M. Erlandson, Douglas J. Kennett, Robert L. Losey, and Torben C. Rick.

Radiocarbon Dating Legacy Collections: A Bayesian Analysis of High-Precision AMS ¹⁴C Dates from the Par-Tee Site, Oregon. *Journal of Archaeological Science: Reports* 21: 833-848.

- 2017** Lightfoot, Kent G., Edward M. Luby, and Gabriel M. Sanchez.
Monumentality in the Hunter-Gatherer- Fisher Landscapes of the Greater San Francisco Bay, California. *Hunter Gatherer Research* 3(1): 65-85.
- 2017** Sanchez, Gabriel M., Jon M. Erlandson, and Nicholas Tripcevich.
Quantifying the Association of Chipped Stone Crescents with Wetlands and Paleoshorelines of Western North America. *North American Archaeologist* 38(2): 107-137.
- 2016** Sanchez, Gabriel M., Jon M. Erlandson, Torben C. Rick, Douglas J. Kennett, and Brendan J. Culleton.
High-Resolution AMS 14C Dates for the Par-Tee Site (35CLT20) and Prehistoric Whale Hunting on the Oregon Coast. *Radiocarbon* 58(2): 397-405.
- 2014** Sanchez, Gabriel M.
Cetacean Hunting in Oregon: Perspectives from Tillamook and Clatsop Ethnographic and Ethnohistorical Data. *In* McNair Research Journal University of Oregon. pp. 91-126.
- 2013** Sanchez, Gabriel M.
Cetacean Hunting at the Par-Tee site (35CLT20)?: Ethnographic, Artifact and Blood Residue Analysis Investigation. Digitally Archived in the Scholars Bank.
<https://scholarsbank.uoregon.edu/xmlui/handle/1794/17451>.

BOOK REVIEWS

Sanchez, Gabriel M.

- 2019** Review of Wolverton et al.: Applied Zooarchaeology: Five Case Studies. *Journal of California and Great Basin Anthropology* 39(1): 112-113.

PROGRAM CHAIR OR SYMPOSIUM ORGANIZER

- 2019** Symposium Co-Organizer (with Michael Grone), Current Insights into Pyrodiversity and Seascape Management on the Central California Coast. Society for American Archaeology Annual Meeting, Albuquerque, NM

PRESENTATIONS

- 2019** Indigenous Stewardship of Marine and Estuarine Fisheries: Reconstructing the Ancient Size of Pacific herring through Linear Regression Models.
Paper: Meeting of the International Council for Archaeozoology, Fish Remains Working Group, Portland, OR
- 2019** Ancient fisheries of the San Francisco Bay area: insights from the West Berkeley Museum collection.
Co-authored Poster: Meeting of the International Council for Archaeozoology, Fish Remains Working Group, Portland, OR
- 2019** Zooarchaeological Analysis of Vertebrate Remains from the Santa Cruz Coast.
Paper: Society for American Archaeology Meeting, Albuquerque, NM
- 2018** Zooarchaeological Analysis of Vertebrate Remains from Connley Caves (35LK50) Cave 4.
Paper: Great Basin Anthropological Association, Salt Lake City, UT
- 2018** The Historical Ecology of Central California Coast Fishing: Perspectives from Point Reyes National Seashore.
Paper: Society for California Archaeology Annual Meeting, San Diego, CA

- 2017** Cetacean Hunting on the Northern Oregon Coast: Evidence from the Par-Tee Site (35CLT20).
Paper: Society for American Archaeology Meeting, Vancouver, B.C.
- 2017** Recent Research on Indigenous Landscape Management Practices along the Santa Cruz Coast.
Co-authored Paper: Society for California Archaeology, Fish Camp, CA.
- 2016** Recent Research on Indigenous Landscape Management Practices in Central California.
Co-authored Paper: Eighth World Archaeological Congress, Kyoto, Japan
- 2016** Exploring Traditional Ecological Knowledge in Central California through Ethnographic and Ethnohistorical Records.
Paper: Society for American Archaeology Meeting, Orlando, FL
- 2016** Human Eco-dynamics on the Central California Coast.
Paper: Department of Anthropology, University of California-Santa Cruz.
- 2016** Monumentality in the Hunter-Gatherer-Fisher Landscapes of the Greater San Francisco Bay, California.
Co-authored Paper: Society for American Archaeology Meeting, Orlando, FL
- 2016** Quantifying the Association of Chipped Stone Crescents with Wetlands and Paleoshorelines of Western North America.
Paper: Society for California Archaeology Meeting, Ontario, CA
- 2015** Testing the Association of Chipped Stone Crescents with Wetlands and Paleo-Shorelines of Western North America: A GIS-based Spatial Analysis.
Paper: Society of American Archaeology Meeting, San Francisco, CA
- 2015** Recent Research on Indigenous Landscape Management Practices in Point Reyes National Seashore.
Co-authored Paper: 30th Annual California Indian Conference, Berkeley, California
- 2015** Endangered Sites and the Study of Landscape Management Practices in Central California: An Update.
Co-authored Paper: Society for California Archaeology Northern Data Sharing Meeting, Boulder Creek, CA
- 2015** Testing the Association of Chipped Stone Crescents with Wetlands and Paleo-Shorelines of Western North America: A GIS-based Spatial Analysis.
Paper: Northwest Anthropological Conference, Eugene, OR
- 2014** Cetacean Hunting at the Par-Tee site (35CLT20)?: Ethnographic, Artifact, and Blood Residue Analysis Investigation.
Paper: Presented at the 2014 McNair Scholars Symposium, Eugene, OR
- 2014** Cetacean Hunting at the Par-Tee site (35CLT20)?: Ethnographic, Artifact, and Blood Residue Analysis Investigation.
Paper: Presented at the 4th Annual Undergraduate Research Symposium, Eugene, OR
- 2014** Cetacean Hunting at the Par-Tee site (35CLT20)?: Ethnographic, Artifact, and Blood Residue Analysis Investigation.
Paper: Presented at the 67th Annual Northwest Anthropological Conference, Bellingham, WA
- 2013** Cetacean Hunting at the Par-Tee site (35CLT20)?: Ethnographic, Artifact, and Blood Residue Analysis Investigation.
Paper: Presented at the Native Studies Research Colloquium, University of Oregon, Eugene, OR

2013 Cetacean Hunting at the Par-Tee site (35CLT20)?: Ethnographic, Artifact, and Blood Residue Analysis Investigation.
Poster: Presented at the Society for Advancement of Chicanos and Native Americans in Science (SACNAS) Conference, San Antonio, TX

RELATED EXPERIENCE

Reader (2016):

Anthropology of Energy, Department of Anthropology, University of California Berkeley, Berkeley, CA

Reader (2015):

California Archaeology, Department of Anthropology, University of California Berkeley, Berkeley, CA

Nutritional Anthropology Intern (2012-2013):

Department of Anthropology, University of Oregon, Eugene, OR

SERVICE

2014-19 Youth Mentor. PUENTE Program, De Anza Community College, Cupertino, CA

2013-14 Youth Mentor. Juventud Faceta, Eugene, OR

2010-12 Youth Mentor. Saint Vincent de Paul, Eugene, OR

PROFESSIONAL SERVICE

Peer Reviewer

Ethnobiology Letters

Journal of Archaeological Science

Journal of Archaeological Science: Reports

Journal of Island and Coastal Archaeology

PeerJ

Sustainability

LANGUAGES

Spanish

English

Chinuk Wawa-pidgin trade language of the Pacific Northwest of North America

MEMBERSHIPS

American Fisheries Society

Great Basin Anthropological Association

International Council for Archaeozoology

Society of American Archaeology

Society of California Archaeology