

## GABRIEL M. SANCHEZ

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## RESEARCH INTERESTS

Indigenous Archaeology  
Environmental Anthropology  
Historical Ecology  
Small-scale Societies  
California Archaeology

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

## 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  
*Committee:* Kent G. Lightfoot (Chair), Jun Sunseri, and Scott Stephens
- 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

## ACADEMIC APPOINTMENTS

- 2022-Present** Assistant Professor, Department of Anthropology, University of Oregon
- 2022-Present** Curator of Zooarchaeology, Museum of Natural and Cultural History, University of Oregon
- 2021-2022** Assistant Professor, Department of Anthropology, Michigan State University
- 2019-2021** College of Social Science Dean's Research Associate, Department of Anthropology, Michigan State University

## GRANTS-EXTERNAL

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

(\$8,869).

## GRANTS-INTERNAL

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

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

## FELLOWSHIPS

**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** 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

## PUBLICATIONS (*n* = 18)

(Denotes \*Graduate Student, \*\*Tribal Collaborator, or \*\*\*Undergraduate Co-author)

*Google Scholar Citations*: 215 (h-index: 9; i-10 index: 7) *ORCID*: 0000-0001-8342-3268

**Sanchez, Gabriel M.**, Mike Grone, Anna Antoniou, and Earl Davis. **n.d., Accepted and In Production.** Indigenous Perspectives on Collaborative Archaeology: Two Case Studies from the Pacific Coast of North America. In *Oxford Handbook of Island and Coastal Archaeology*, Edited by Scott M. Fitzpatrick and Jon Erlandson. Oxford University Press. Oxford.

Torben C. Rick, **Gabriel M. Sanchez**, and Shannon Tushingam. **2023.** Confronting Climatic Instability in Coastal California Through the Lens of Archaeology and Historical Ecology. In *Climatic and Ecological Change in the Americas: A Perspective from Historical Ecology*, Edited by James A. Whitaker, Chelsey G. Armstrong, Guillaume Odonne, pp. 54–73. Routledge. London.

**Sanchez, Gabriel M.**, Michael Grone, and Alec Apodaca\*. **2023.** Indigenous Stewardship of Coastal Resources in Native California. *Frontiers in Earth Science*, 11:337.

Reeder-Myers, Leslie A., Todd J. Braje, Courtney A. Hofman, Emma A. Elliott Smith, Carey

Garland, Michael Grone, Carla S. Hadden, Marco Hatch, Turner Hunt, Alice Kelley, Michelle J. LeFebvre, Michael Lockman, Iain McKechnie, Ian J. McNiven, Bonnie Newsom, Thomas Pluckhahn, **Gabriel M. Sanchez**, Margo Schwadron, Karen Smith, Tam Smith, Arthur Spiess, Gabrielle Tayac, Victor D. Thompson, Taylor Vollman, Elic M. Weitzel, and Torben C. Rick. **2022**. Indigenous Oyster Fisheries Persisted for Millennia and Should Inform Future Management. *Nature Communications*, 13(1):2383.

Lightfoot, Kent G., Rob Q. Cuthrell, Mark G. Hylkema, Valentin Lopez\*\*, Diane Gifford-Gonzalez, Roberta A. Jewett, Michael A. Grone, **Gabriel M. Sanchez**, Peter A. Nelson, Alec J. Apodaca\*, Ariadna Gonzalez\*\*\*, Kathryn Field\*\*\*, Jordan Brown\*, Alexii Sigona\*\*\*, Paul V. Fine. **2021**. The Eco-Archaeological Investigation of Indigenous Stewardship Practices on the Santa Cruz Coast. *Journal of California and Great Basin Anthropology*, 41(2):187-205.

**Sanchez Gabriel M. 2021**. Reevaluating the antiquity of the Palmrose site: Collections-based research of an early plank house on the northern Oregon Coast. *PloS One*, 16(8):e0255223.

**Sanchez Gabriel M.**, Michael A. Grone, Alec J. Apodaca\*, R. Scott Byram, Valentin Lopez\*\*, Roberta A. Jewett. **2021**. Sensing the Past: Perspectives on Collaborative Archaeology and Ground Penetrating Radar Techniques from Coastal California. *Remote Sensing*, 13(2):285.

Blong, John C., Martin E. Adams, **Gabriel M. Sanchez**, Dennis L. Jenkins, Ian D. Bull, and Lisa-Marie Shillito. **2020**. 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(9):1-29.

**Sanchez Gabriel M.**, Kenneth Gobalet, and 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*, 17(2):274-296

**Sanchez, Gabriel M. 2020**. 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.

Rick, Torben, Todd Braje, Thomas Wake, **Gabriel M. Sanchez**, Robert DeLong, and Kent Lightfoot. **2019**. Seventy Years of Archaeological Research on California's Farallon Islands. *California Archaeology*, 11(2):183-203.

**Sanchez, Gabriel M.**, Kenneth W. Gobalet, Roberta Jewett, Rob Q. Cuthrell, Michael A. Grone, Paul Engel, and Kent G. Lightfoot. **2018**. The Historical Ecology of Central California Coast Fishing: Perspectives from Point Reyes National Seashore. *Journal of Archaeological Science*, 100:1-15.

**Sanchez, Gabriel M.**, Brendan J. Culleton, Michael Buckley, Jon M. Erlandson, Douglas J. Kennett, Robert L. Losey, and Torben C. Rick. **2018**. Radiocarbon Dating Legacy Collections: A Bayesian Analysis of High-Precision AMS <sup>14</sup>C Dates from the Par-Tee Site, Oregon. *Journal of Archaeological Science: Reports*, 21:833-848.

Lightfoot, Kent G., Edward M. Luby, and **Gabriel M. Sanchez**. 2017. Monumentality in the Hunter-Gatherer- Fisher Landscapes of the Greater San Francisco Bay, California. *Hunter Gatherer Research*, 3(1):65-85.

**Sanchez, Gabriel M.**, Jon M. Erlandson, and Nicholas Tripcevich. 2017. Quantifying the Association of Chipped Stone Crescents with Wetlands and Paleoshorelines of Western North America. *North American Archaeologist*, 38(2):107-137.

**Sanchez, Gabriel M.**, Jon M. Erlandson, Torben C. Rick, Douglas J. Kennett, and Brendan J. Culleton. 2016. High-Resolution AMS 14C Dates for the Par-Tee Site (35CLT20) and Prehistoric Whale Hunting on the Oregon Coast. *Radiocarbon*, 58(2):397-405.

**Sanchez, Gabriel M.** 2014. Cetacean Hunting in Oregon: Perspectives from Tillamook and Clatsop Ethnographic and Ethnohistorical Data. *In McNair Research Journal*, University of Oregon. pp. 91-126.

**Sanchez, Gabriel M.** 2013. 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.

## **FIELD AND RESEARCH EXPERIENCE**

**Director, Coastal Archaeology, Zooarchaeology, and Proteomics Laboratory** (2022-Present): Department of Anthropology, University of Oregon, Eugene, OR.

**Principal Investigator/Field Director, Archaeology of the Hastings Natural History Reservation** (2021-present): Working in collaboration with the Esselen Tribe of Monterey County and the Hastings Natural History Reservation, University of California, Berkeley we conducted field survey and excavations to provide relevant eco-archaeological information to guide contemporary resource conservation.

**Director, Coastal Archaeology, Zooarchaeology, and Proteomics Laboratory** (2019-22): 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.

**Far Western Anthropological Research Group, Inc.** (2019-Present): Conduct specialized ichthyological analyses for the cultural resource management firm and write cultural resource management reports for clients and agencies.

**Zooarchaeologist** (2018-Present): Paisley Caves, Northern Great Basin Prehistory Project, University of Oregon

**Zooarchaeologist** (2018-2021): Connley 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

## 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

- 2023** Collaborative Archaeology at the Hastings Natural History Reservation. Museum of Natural and Cultural History, University of Oregon, Eugene, OR.
- 2023** Archaeology of the Seaside Area. History and Culture Summit, The Confederated Tribes of Grand Ronde. Grand Ronde, OR.
- 2023** Perspectivas de la arqueología indígena de la Banda Tribal Amah Mutsun. Seminario ¿Qué memorias guardan las Chullpas? Invited lecture for the U.S. State Department, Cultural Heritage Center, the U.S. Embassy Santiago, Chile and Fundación Altiplano.
- 2023** Keynote address. McNair Scholars Conference. Eugene, OR.
- 2022** Investigating the Native Range of California's Endangered Anadromous Salmonids. Pacific Coast Archaeological Society. Digital Lecture.
- 2022** Faculty Advice w/ UO McNair Alumnus (2014). McNair Scholars Program, University of Oregon, Eugene, OR.
- 2022** Centering Indigenous Foodways, Culture, and Stewardship: Perspectives from the Amah Mutsun Tribal Band. Decolonizing Diet: Supporting Indigenous Food Sovereignty through Archaeology. 87<sup>th</sup> Annual Meeting, Society for American Archeology, Chicago, Il. (with Michael Grone and Alexii Sigona).
- 2022** Beyond Refuse: Ecoarchaeology, Cultural Landscapes, and Indigenous Approaches to Shell Midden Archaeology in Central California. West Coast Shell Middens: Place-based Ontologies and Socially Constructed Landscapes. 87<sup>th</sup> Annual Meeting, Society for American Archeology, Chicago, Il. (with Alec Apodaca and Michael Grone).
- 2021** Investigating the Native Range of California's Endangered Anadromous Salmon. Society for California Archaeology, Online.
- 2019** Indigenous Stewardship of Marine and Estuarine Fisheries: Reconstructing the Ancient Size of Pacific herring through Linear Regression Models. 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. Meeting of the International Council for Archaeozoology, Fish Remains Working Group, Portland, OR (with Adriana Gonzalez).
- 2019** Zooarchaeological Analysis of Vertebrate Remains from the Santa Cruz Coast. Society for American Archaeology Meeting, Albuquerque, NM.
- 2018** Zooarchaeological Analysis of Vertebrate Remains from Connley Caves (35LK50) Cave 4. Great Basin Anthropological Association, Salt Lake City, UT.
- 2018** The Historical Ecology of Central California Coast Fishing: Perspectives from Point Reyes National Seashore. Society for California Archaeology Annual Meeting, San Diego, CA
- 2017** Cetacean Hunting on the Northern Oregon Coast: Evidence from the Par-Tee Site (35CLT20). Society for American Archaeology Meeting, Vancouver, B.C.
- 2017** Recent Research on Indigenous Landscape Management Practices along the Santa Cruz Coast. Society for California Archaeology, Fish Camp, CA.
- 2016** Recent Research on Indigenous Landscape Management Practices in Central California. Eighth World Archaeological Congress, Kyoto, Japan.
- 2016** Exploring Traditional Ecological Knowledge in Central California through Ethnographic and Ethnohistorical Records. Society for American Archaeology Meeting, Orlando, FL.
- 2016** Human Eco-dynamics on the Central California Coast. 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: 30<sup>th</sup> 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

## **AWARDS**

- 2015** Mentored Research Award, Graduate Division, University of California, Berkeley, Berkeley, CA
- 2015** Historically Underrepresented Groups Scholarship, Society for American Archaeology, Washington, D.C.
- 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

### **TEACHING EXPERIENCE**

*LOWER DIVISION:* Introduction to Archaeology, Principles of Archaeology, Indigenous Archaeology

*UPPER DIVISION:* Northwest Coast Archaeology, Zooarchaeology, Environmental Archaeology, Indigenous Archaeology

*GRADUATE LEVEL:* Indigenous Archaeology, Northwest Coast Archaeology, Environmental Archaeology, Zooarchaeology

### **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

### **PUBLIC 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. Centro Latino Americano, Eugene, OR

## **PROFESSIONAL SERVICE**

### **Peer Reviewer for Journals and Book Chapters**

*Ethnobiology Letters*

*Journal of Archaeological Science*

*Journal of Archaeological Science: Reports*

*The Journal of Island and Coastal Archaeology*

*PeerJ*

*Sustainability*

### **Grant Reviews**

National Science Foundation (n = 1)

## **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