

Brian Holguin, ABD, MA, RPA
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Education:

2019-Current	Doctoral Candidate, Anthropology	University of California, Santa Barbara
2018	M.A., Anthropology/Archaeology	University of California, Los Angeles
2013	B.A., Physical Anthropology	University of California, Santa Barbara

Awards, Grants and Fellowships:

2022 National Geographic Level 1 Funding Grant (\$20,000)
2022 Ford Foundation Dissertation Fellowship, Awarded (\$28,000)
2022 UC President's Pre-Professoriate Fellowship (PPPF), Awarded (\$40,000)
2022 National Science Foundation Doctoral Dissertation Improvement Grant (DDIG) (\$20,000)
2021 Far Western Foundation Grant, Far Western Anthropological Research Group (\$10,240)
2021 Lewis and Clark Fund for Exploration and Field Research, American Philosophical Society (\$5,000)
2021 Matthew Tobin Cappetta Archaeological Scholarship, Society for American Archaeology (\$2,500)
2021 Paige Memorial Fund, UCSB (\$2,000)
2020 Dangermond Preserve Archaeological Research Grant, The Nature Conservancy (\$6,700)
2019 Archaeology Graduate Student Research Grant (ASGRG), UCSB (\$1,976)
2018 Clement Meighan Research Fellowship, UCLA (\$1,700)
2016 Ford Foundation Pre-Doctoral Fellowship, National Academies of Science, Engineering, and Medicine (\$72,000)
2016 National Science Foundation GRFP, honorable mention
2015 Ford Foundation Pre-Doctoral Fellowship, honorable mention
2015 Department Research Grant, UCLA (\$2,000)
2014 Eugene V. Cota Robles Fellowship, UCLA (\$50,000)
2013 Award for Research Promise, UCSB

Research/Professional Experience:

Dangermond Preserve Archaeology Research Advisor and Cultural Liaison, The Nature Conservancy

November 2020-Current

Dangermond Preserve Archaeology and Cultural Liaison (DPACL) serves as an ad hoc advisor to TNC on matters surrounding archeological science and Chumash community engagement. DPACL also advises TNC on sensitivities, communications, relationship management, and activities directed at improving Chumash engagement within archaeology and ecology and assists TNC in developing effective communications with archeological science, Chumash community and other stakeholders. The DPACL advises Dangermond management team on current and future projects supports our efforts with the Santa Ynez Band of Chumash Indians, Smithsonian Institution, UC Santa Barbara, Esri, and other partner

agencies and groups engaged in cultural preservation, and landscape and ecoregional planning and management

Associate Director/Curator, Repository, University of California Santa Barbara

July 2019-June 2022

Oversee the formation of the Repository Chumash Advisory Committee (RCAC), tribal liaison, NAGPRA Compliance, review prospective curation proposals, multi-community engagement and consultation, working with the Director to define future goals and directions of the UCSB Repository.

Research Archaeologist, Santa Ynez Band of Chumash Indians

August 2014- August 2021

Conducted fieldwork, research and engaged in consultation with non-tribal entities regarding topics of interest to the Santa Ynez Band of Chumash Indians (SYBCI), work with federal agencies on mitigating impacts to Chumash archaeological sites, review of proposals and publications directly pertaining to the interests of the SYBCI.

Archaeologist, Newhall Ranch Mission Village Development

October 2017-August 2021

Develop research plan, supervised pedestrian survey, archaeological site identification/recording, and phase II testing and phase III data recovery.

Field Archaeologist, National Parks Service

July 18th-22nd, 2020

Post-fire survey on the eastern end of Santa Cruz Island. Systematic survey of area directly affected by Scorpion fire, update site records of all known sites within the vicinity of the burn area, identify and record new archaeological sites, evaluate degree of damage resulting from Scorpion fire. Supervisor: Dr. Kristen Hoppa.

Field Archaeologist, National Parks Service

June 20th-24th, 2020

Post-fire survey on the eastern end of Santa Cruz Island. Systematic survey of area directly affected by Scorpion fire, update site records of all known sites within the vicinity of the burn area, identify and record new archaeological sites, evaluate degree of damage resulting from Scorpion fire. Supervisor: Dr. Kristen Hoppa.

Field Archaeologist, Extended Phase 1 Cultural Resource Project

March 2019

Carried out an extended phase 1 cultural resource survey and subsurface testing through excavation of standard test pits at 513 Dahlia Court, Lompoc California.

Field Archaeologist, Channel Islands Lab, UCLA

October 2017

Survey, site recording, and mapping of archaeological sites on Sierra Blanca and Ragged Peak, Santa Cruz Island. Supervisor: Dr. Scott Sunell.

Field Archaeologist, Vail and Vickers Main Ranch House, Santa Rosa Island

August-September 2017

Conducted pedestrian survey, site recording and excavation at the Vail and Vickers Ranch house on Santa Rosa Island, identification and analysis of lithic material. Supervisor: Dr. Todd Braje.

Field Archaeologist, Vail and Vickers Main Ranch House, Santa Rosa Island

June 2017

Conducted initial pedestrian survey of the area surrounding the Vail and Vickers Ranch house, recorded and excavated Paleocoastal site. Supervisor: Gary Brown, State Parks.

Field Archaeologist, San Miguel Island Survey

February 2017

Conducted pedestrian survey of areas subject to coastal erosion in the Point Bennet region of San Miguel Island, minor excavation of a Paleocoastal site. Supervisor: Dr. Jon Erlandson.

Field Archaeologist, DUDEK

July–August 2016

Conducted unit excavations, dry and wet screened soils, processed/analyzed geo-probe samples and lithic artifacts, unit profiles and site mapping. Supervisor: Ken Victorino.

Field Archaeologist, John Minch & Associates

October 2015 – February 2016

Conducted excavation of test units with the objective of ground truthing anomalies identified through the use of ground penetrating radar (GPR). Supervisor: Dr. Ray Corbett.

Field Archaeologist, Channel Islands Lab, UCLA

July 2015

Conducted intensive excavation of archaeological sites within Laguna Canyon on Santa Cruz Island, float tested excavated soils. Supervisor: Dr. Scott Sunell.

Field Archaeologist, Santa Ynez Band of Chumash Indians

June-July 2015

Conducted phase II test excavations to determine extent of site boundaries prior to soil remediation at the Santa Susana Field Laboratory.

Field Archaeologist, DUDEK

August 2014

Conducted site excavations at Rincon Point (CA-VEN-62A) in Ventura, California. Supervisor: Ken Victorino.

Field Archaeologist, DUDEK

August 11, 2014

Completed pedestrian survey of 75+ acres, recorded and mapped newly discovered sites. Supervisor: Ken Victorino.

Field Archaeologist, John Minch & Associates

June–August 2014

Completed intensive pedestrian survey of NASA's share of the Santa Susana Field Laboratory, recorded archaeological sites, photographed rock art, and mapped locational data using ArcGIS, Supervisor: Dr. Ray Corbett.

Field Archaeologist, John Minch & Associates

October–December 2013

Conducted intensive pedestrian survey of over 2000 Boeing owned acres of the Santa Susana Field Laboratory, recorded archaeological sites, photographed rock art, and mapped locational data using ArcGIS, Supervisor: Dr. Ray Corbett.

Teaching Experience/Reader/Grader:

Introduction to Archaeological Concepts and Terminology:

February 28th- March 1st, 2020

Santa Ynez Band of Chumash Indians

Native American monitor training certification course designed to instruct students on the proper identification of archaeological materials in the field. This course is also designed to expose Native American students to ways in which they can preserve and protect their own heritage. Archaeological portion of the course was held at the UCSB repository, using collections from around the Chumash region.

Reader/Grader:

Winter quarter 2020

Course Title: California Indians

Introduction to Archaeological Concepts and Terminology:

February 28th-March 1st, 2020

Santa Ynez Band of Chumash Indians

Native American monitor training certification course designed to instruct students on the proper identification of archaeological materials in the field. This course is also designed to expose Native American students to ways in which they can preserve and protect their own heritage.

Introduction to Archaeological Concepts and Terminology:

April 27th-April 29th, 2018

Santa Ynez Band of Chumash Indians

Native American monitor training certification course designed to instruct students on the proper identification of archaeological materials in the field. This course is also designed to expose Native American students to ways in which they can preserve and protect their own heritage.

Teaching Assistant:

Winter quarter 2016

Course Title: Introduction to Human Sexual Behavior

Teaching Assistant:

Spring quarter 2016

Course Title: Introduction to Archaeology

Reader/Grader:

Spring quarter 2015

Course Title: California Archaeology

Teaching Assistant:

Fall quarter 2015

Course Title: Introduction to Archaeology

Workshops:

Summer Internship for Native Americans in Genomics (S.I.N.G.)

Engaged in multi-community discussions that focused on topics surrounding the impacts of genomics and DNA testing in Native American Communities, harvested my own DNA sample, processed it, and learned my mtDNA haplotype. Supervisor: Dr. Ripan Malhi, University of Illinois, Urbana-Champaign.

Radiocarbon Dating in Archaeology: Current Status

Engaged in discussions focused on the basic concepts of radiocarbon dating, recent advances and applications within the field of archaeology, causes and case studies of anomalies, sample extraction procedures and specimen handling.

Virtual workshop on Ethics in Ancient DNA Research

This virtual meeting involved ancient DNA specialists, archaeologists, and others who collaborate on paleogenetic research. Workshop participants reviewed ethical standards and recommendations for best practices and discussed how we as researchers can actively and positively contribute to the ongoing development of protocols and how to better engage indigenous communities. This meeting provided an opportunity for participants to compare and contrast steps they may have been taking to engage, describe what approaches were most effective, and raise additional questions.

Publications:

Rick, Torben; Todd Braje, Lain Graham, Kelly Easterday, Courtney Hofman, **Brian Holguin**, Alexis Mychajliw, Leslie Reeder-Myers, and Mark Reynolds

2022 Cultural Keystone Places and the Chumash Landscapes of *Humqaaq*, Point Conception, California. *American Antiquity* 87(3): 487-504.

Songül Alpaslan-Roodenberg^{1,38}, David Anthony^{1,5,2}, Hiba Babiker³, Eszter Bánffy⁴, Thomas Booth⁵, Patricia Capone⁶, José M. Capriles^{7,8}, Arati Deshpande-Mukherjee⁹, Stefanie Eisenmann³, Lars Fehren-Schmitz¹⁰, Michael Frachetti¹¹, Catherine Frieman¹², Qiaomei Fu¹³, Ricardo Fujita¹⁴, Henry Louis Gates, Jr.¹, Victoria Gibbon¹⁵, Wolfgang Haak³, Mateja Hajdinjak¹⁶, Kerstin P. Hofmann¹⁷, **Brian Holguin**¹⁸, Takeshi Inomata¹⁹, Hideaki Kanzawa²⁰, William Keegan²¹, Janet Kelso²², Logan Kistler²³, Johannes Krause²², Ganesan Kumaresan²⁴, Chapurukha Kusimba²⁵, Sibel Kusimba²⁵, Carles Lalueza-Fox²⁶, Bastien Llamas^{12,27}, Jose Luis Punzo²⁸, Scott MacEachern²⁹, Swapan Mallick^{1,29,5,29,77}, Hirofumi Matsumura³⁰, Janet Monge³¹, Anna Morales Arce³², Giedre Motuzaite Matuzeviciute³³, Veena Mushrif-Tripathy³⁴, Nathan Nakatsuka¹, Rodrigo Nores³⁵, Christine Ogola³⁶, Mercedes Okumura³⁷, Nick Patterson^{1,5,29,7}, George Perry⁷, Ron Pinhasi³⁸, S.P.R. Prasad³⁹, Mary E. Prendergast⁴⁰, David Reich^{1,1,5,29,5,29,7}, Rikai Sawafuji⁴¹, Elizabeth Sawchuk⁴², Jakob Sedig^{1,1,5}, Svetlana Shnaider⁴³, Kendra Sirak¹, Pontus Skoglund⁵, Viviane Slon^{44,44,5}, Meradeth Snow⁴⁵, Marie Soressi⁴⁶, Matthew Spriggs⁴⁷, Philipp W. Stockhammer⁴⁸, Anna Szécsényi-Nagy⁴⁹, K. Thangaraj⁵⁰, Vera Tiesler⁵¹, Ray Tobler²⁷, Chuan-Chao Wang⁵², Christina Warinner^{3,52,5}, Surangi Yaswardene⁵³, Muhammad Zahir^{3,54}

2021 Ethics of DNA Research on Human Remains: Five Globally Applicable Principles. *Nature*.

Scheib, C.L., Hongjie Li, Tariq Desai, Vivian Link, Christopher Kendall, Genevieve Dewar, Peter William Griffith, Alexander Mörseburg, John R. Johnson, Amiee Potter, Susan L. Kerr, Phillip Endicott, John Lindo, Marc Haber, Yali Xue, Chris Tyler-Smith, Manjinder S. Sandhu, Joseph G. Lorenz,^[1,2] Tori D.

Randall, Zuzana Faltyskova, Luca Pagani, Petr Danecek, Tamsin C. O'Connell, Patricia Martz, Alan S. Boraas, Brian F. Byrd, Alan Leventhal, Rosemary Cambra, Ronald Williamson, Louis Lesage, **Brian Holguin**, Ernestine Ygnacio-De Soto, John Tommy Rosas, Mait Metspalu, Jay T. Stock, Andrea Manica, Aylwyn Scally, Daniel Wegmann, Ripan S. Malhi, Toomas Kivisild
2018 Ancient Human Parallel Lineages within North America Contributed to a Coastal Expansion. *Science*, 360: 1024-1027.

Holguin, Brian E.

2018 Ceasing Production in Favor of Consumption: Diachronic Analysis of the Rincon Point (CA-VEN-62) Microlithic Assemblage. Master's Thesis published on ProQuest. University of California, Los Angeles.

Presentations:

Holguin, Brian E., Eleanor Fishburn, Scott Sunell, Jennifer Perry, Gina Lucas, and Brianna Rotella *Harvesting Seagrass at l'akayamu*. Society for American Archaeology 88th Annual Meeting, Portland Oregon. Upcoming poster.

Sunell, Scott D., **Brian E. Holguin**, Eleanor Fishburn, Scott Sunell, Jennifer Perry, Gina Lucas, and Brianna Rotella
Front-Loading Backfilling: Site Stabilization of a Cliffside Shell Midden at l'akayamu Society for American Archaeology 88th Annual Meeting, Portland Oregon. Upcoming poster.

Holguin, Brian E.

Chumash Tribal Dynamics and the role of Cultural Resource Management in Affiliation, NAGPRA, and Federal Recognition. Rincon Consultants, Inc. Annual Meeting. June 2nd, 2022.

Holguin, Brian E. and Torben Rick.

Cultural Keystone Place (CKP) and the Chumash Landscapes of Kumqaq', Point Conception, California. Point Conception Institute Specialist Meeting. March 17th, 2022.

Holguin, Brian E., Britt Lucero, and Scott D. Sunell

Evaluating Material-Specific Responses to Heat Treatment in the Santa Barbara Channel Region. Society for American Archaeology 84th Annual Meeting, Albuquerque New Mexico. April 11th, 2019. Poster.

Holguin, Brian E.

Mescalitan Island and the Chumash Village of Helo. Presented at Santa Ynez Tribal Hall. Open to members and descendants of Santa Ynez Chumash. November 10th, 2015.

Panel:

Indigenous Partnerships for Rangeland Stewardship, California Pacific Section of the Society for Range Management-Fall Meeting, December 16, 2021. Panelist.

Volunteer/Intern:

Submerged Landforms Project Intern

June 2016

Assisted with the identification of submerged paleolandscapes and sensitive biological features, worked with an interdisciplinary team of scientists.

Hearst Internship

October 2012 - June 2013

Paid internship where I assisted with the construction of diagrams and analysis of faunal remains from the Arlington Springs site on Santa Rosa Island, assisted in curation of exhibits. Supervisor: Dr. John Johnson.

Media/Outreach:

Machado, Amanda. "Digging for Answers: An Indigenous archaeologist uncovers his own culture". *Sierra Magazine, Fall 2022: 50-52.*

Symposia/Specialist Meetings:

Exploring the Potential of Ancient DNA as a Forensic Tool to Facilitate the Repatriation of Ancestral Remains

May 2022

Participants engage in discourse focused on evaluating Ancient DNA (aDNA) as a forensic tool for the repatriation of indigenous ancestors under NAGPRA. Participants engaged in rigorous discussions of case studies where aDNA has been used to make some claim of affiliation with human remains, while also discussing the potential harm of using this method. Discussions also centered around the potential use of this tool in the development of an African American Graves Protection and Repatriation Act.

Building the Point Conception Institute

March 2019

Participants with diverse scientific backgrounds engage in discussions related to the development of a new conservation research enterprise at the Jack and Laura Dangermond Preserve. Goals of this enterprise are (1) introduce new ideas/tools for conservation research and broaden participation in the development of conservation solutions, and (2) accelerating the impact of conservation science on the development of solutions to top challenges of natural resource management.

Synergistic Activities:

Chumash Life-Monitoring History

February 1st, 2020

<https://www.youtube.com/watch?v=R4W8YGmB6sg>

Produced in collaboration with myself and the Santa Ynez Band of Chumash Indians. This video focuses on the history of cultural monitoring and why it is so important to the protection of our tribal history, as well as archaeological outreach to the greater tribal community to inform how the discipline plays a substantial role in cultural resource monitoring.

Voices from the Field

July 22nd, 2019

<https://www.nps.gov/subjects/islandofthebluedolphins/voices.htm>

*Public history project in partnership with the NPS. Goals of this project are to bring forward previously obscured Native voices, experiences, and perspectives in a story that has long supported settler colonialism; Chapter 5 in *Island of the Blue Dolphins*. Combined archaeological research with perspectives of tribal elders from the Santa Ynez Band of Chumash Indians Elder's Council.*

Unpublished Reports:

Holguin, Brian E.

Analysis of CA-SBA-133 Debitage Assemblage. Prepared for Wood Environment and Infrastructure, Inc. on October 1st, 2019.

Holguin, Brian E.

An Extended Phase I Cultural Resource and Subsurface Testing of 513 South Dahlia Court, Lompoc CA, 93436. Prepared for Santa Ynez Band of Chumash Indians on March 21st, 2019.

Holguin, Brian E.

Analysis of Flaked Stone Tools and Debitage from CA-SBA-59. Prepared for DUDEK on June 20th, 2017.

Holguin, Brian E.

Analysis of Flaked Stone Tools and Debitage from CA-SBA-58. Prepared for DUDEK on May 15th, 2017.

Holguin, Brian E.

Summary of Microlithic Artifacts from Rincon Point: The Chumash Village of Shuku. Prepared for DUDEK on July 1st, 2016.

Professional Memberships:

Member, Society for California Archaeology

Member, Society for American Archaeology

Register of Professional Archaeologists

References:

Dr. John Johnson

Curator of Anthropology
Museum of Natural History

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(805)-682-4711 ext. 139

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Dr. Jeanne Arnold

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Dr. Greg Schachner

Dr. Douglas J. Kennett

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