

EMILY M. BALES

Staff Archaeologist—Far Western Anthropological Research Group

School email: ebales@umd.edu

Work email: emilyb@farwestern.com

EDUCATION

2021—Present University of Maryland, College Park

M.P.S., Cultural and Heritage Resource Management (Expected, June 2023)

Graduate Certificate, Cultural and Heritage Resource Management (Expected, May 2022)

2014-2016 University of California, Santa Barbara

GPA: 3.95

B.A., Anthropology, *Highest Honors*

Senior Honors Thesis: *The Significance of CA-SCRI-801 in Santa Cruz Island's Interior*

2012-2014 Cabrillo College

A.A., Liberal Arts, *High Honors*

A.A., Anthropology, *High Honors*

Archaeological Field School

RELATED EXPERIENCE

Professional Fieldwork

2021

Crew Chief

Morro Bay Water Reclamation Facility Project

PM: Phil Kaijankoski—Far Western Anthropological Research Group, Inc.

Project included: Construction monitoring, subsurface testing, identification and documentation of prehistoric and historic artifacts, tribal coordination, and GPS.

2021

Crew Chief

Austin Creek State Recreation Area Post-Fire Survey

PM: Denise Jaffke—Far Western Anthropological Research Group, Inc.

Project included: Post-fire survey and site evaluation, the identification and documentation of pre-contact and historic sites, communicating and directing a small crew of three archaeologists.

2021

Staff Archaeologist

Bishop Creek

PM: Jerome King—Far Western Anthropological Research Group, Inc.

Project included: Evaluation of previously recorded precontact and historic sites and the identification and documentation of new sites for the relicensing of Southern California Edison.

2021

Field Archaeologist

Olancho-Cartago Four Lane Project

PM: Bridget Wall—Far Western Anthropological Research Group, Inc.
Project included: Excavation of three historic surface scrape units measuring two meters by two meters, screening material, identification and classification of historic and pre-contact artifacts, feature excavation, documentation, and communication with multiple project parties including biologists, tribal members, and California Department of Transportation's Archaeologist.

2021

Field Archaeologist

Olancho-Cartago Four Lane Project

PI: Bridget Wall—Far Western Anthropological Research Group, Inc.

Project included: Construction monitoring of the installation of a fence, pre-survey of the affected area, identification and documentation of historic features, pre-contact sites, and human remains, and communication between multiple project components, construction crews, utility crews, biologists, and tribal members.

2021

Field Archaeologist

Owen's Lake, LADWP Project

Field Director: Bridget Wall—Far Western Anthropological Research Group, Inc

Project included: Surface survey, site assessment, identification and documentation of prehistoric and historic artifacts, and GPS.

2021

Field Archaeologist

Stanislaus National Forest, Ca

Field Director: Juliana Bartel—California Department of Transportation

Project included: Extended Phase I excavation of fifteen shovel test units, dry screening on-site, the identification of prehistoric and historic artifacts, features, and the completion of field forms.

2021

Field Archaeologist

Pacheco Reservoir Expansion Project

Field Director: John Berg—Far Western Anthropological Research Group, Inc

Project included: Phase II excavation of multiple control units and shovel probes, dry screening on-site, the identification of prehistoric and historic artifacts, features, and human remains, and the completion of field forms.

2021

Field Archaeologist

North San Joaquin 230 kV Transmission Line Survey

Field Director: Devin Garvey—Far Western Anthropological Research Group, Inc

Project included: Surface survey, identification and documentation of prehistoric and historic sites, and the completion of field forms.

2021

Field Archaeologist

Bradley Housing Project Extended Phase I

Field Director: Ron Rose—CRMS

Project included: Extended Phase I rapid recovery excavation of 12 shovel probe units (SP), dry screening on-site, the identification of prehistoric and historic artifacts and features, and the completion of field forms.

2019

Archaeologist

SCS Plains All American Pipeline Pre-Construction Survey

Field Director: Reilly Murphy—Albion Environmental, Inc

Project included: Survey of three future staging areas for construction, identification, documentation, and field analysis of prehistoric and historic artifacts, and the completion of site forms, feature forms, and artifact analysis forms.

2019

Archaeologist

San Simeon Residential Extended Phase I Testing

Field Director: Sarah Nicchitta—Albion Environmental, Inc

Project included: Extended Phase I rapid recovery excavation of three shovel probe units (SP), dry screening on-site, the identification of prehistoric and historic artifacts and features, and the completion of field forms.

2019

Archaeologist

Prometheus Data Recovery

Field Director: John Ellison—Albion Environmental, Inc

Project included: Rapid recovery excavation to identify features, Precolonial, Colonial, and American Period, excavation of control units (CUs), and the identification and documentation of findings.

2019

Archaeologist

SCS Plains All American Pipeline Extended Phase I Testing

Field Director: Reilly Murphy—Albion Environmental, Inc

Project included: Extended Phase I included background research, coordination with multiple entities (Native American monitors, pipeline company, and landowners), excavation of shovel probes at sixty precolonial and historic sites, identification, and documentation of cultural materials, profile drawings, and field recording.

2019

Archaeologist

10th Street Extended Phase I

Crew Chief: Reilly Murphy—Albion Environmental, Inc

Project included: Phase II excavation of one STP, wet screening off-site, the identification of prehistoric and historic artifacts and features, profile drawing, and the completion of field forms.

2019

Analyst

Senson House Data Recovery

PI: Sarah Peelo—Albion Environmental, Inc

Analysis included: Analyzing domestic and bottle glass, non-local ceramic vessels, and apparel from an American Period assemblage. The analysis also included running queries through the Microsoft Access program and writing the reports Results and Interpretations section.

2019

Archaeologist

10th Street Phase II

Crew Chief: Robert Johnson-Ramirez—Albion Environmental, Inc

Project included: Extended Phase I rapid recovery excavation of three shovel probe units (SP), dry screening on-site, the identification of prehistoric and historic artifacts and features, and the completion of field forms.

2019

Archaeologist

Indio Drive Extended Phase I

PI: Reilly Murphy—Albion Environmental, Inc

Project included: Extended Phase I rapid recovery excavation of three shovel probe units (SP), dry screening on-site, the identification of prehistoric and historic artifacts and features, and the completion of field forms.

2018

Archaeologist

Paso Robles Residential Extended Phase I

PI: Reilly Murphy—Albion Environmental, Inc

Project included: Extended Phase I rapid recovery excavation of shovel test units (STUs), dry screening on-site, the identification of prehistoric and historic artifacts, and the completion of STU forms.

2018

Archaeologist

South Thompson Avenue Historic Feature Assessment

PI: Ryan Phillip—Albion Environmental, Inc.

Project included: Uncovering six historic features, surface evaluation and documentation (photos, drawing, and feature forms), and preserving features in place with protective filter cloth and reburial.

2018

Archaeologist

Santa Ynez Street Extended Phase I and Phase II

PI: Reilly Murphy—Albion Environmental, Inc.

Project included: Extended Phase I rapid recovery excavation of nineteen shovel test units (STUs), dry screening on-site, the identification of prehistoric and historic artifacts, and the completion of STU forms.

2018

Archaeological Monitor

Vandenberg Air Force Base UXO Survey and Site Assessment

PI: Sarah Nicchitta—Albion Environmental, Inc.

Project included: Surveying behind a UXO survey team to identify and document historic and prehistoric artifacts, and communicating between multiple project components and military personnel affiliated with the job.

2018

On-Call Archaeologist

Sacramento, Ca

PI: Darren Andolina—ICF

Duties include: On-call for a variety of projects including but not limited to: survey, excavation, monitoring, lab work, office work, etc.

2018

Field Archaeologist

Beatty Survey and Site Assessment

PI: Mark Giambastiani—G2 Archaeology

Project included: Survey in rough terrain, the identification, and documentation of Great Basin prehistoric and historic artifacts.

2018

Field Archaeologist

Fallon Survey and Site Assessment

PI: Mark Estes—ASM Affiliates

Project included: 22,500 acres of the survey, through rugged terrain on BLM and Navy lands, identification, documentation, and field analysis of prehistoric and historic artifacts, and the completion of site forms, feature forms, and artifact analysis forms.

2018

Field Archaeologist

PG&E Pre-Activity Vegetation Management Survey and Assessment

Mendocino County, Ca

PI: Barb Siskin—Garcia and Associates

Project included: Monitoring of fire-affected areas, identification, and documentation of prehistoric and historic artifacts and sites.

2018

Field Archaeologist

PG&E Pre-Activity Vegetation Management Survey and Assessment

Plumas National Forest, Ca

Lassen National Forest, Ca

PI: Barb Siskin—Garcia and Associates

Project included: Pre-activity vegetation management survey, a 200-foot radius around each tree to be removed, identification and documentation of prehistoric and historic artifacts and sites, and completion of DPR and site forms.

2018

Field Archaeologist

PG&E Pre-Activity Vegetation Management Survey and Assessment

Shasta-Trinity National Forest, Ca

PI: Barb Siskin—Garcia and Associates

Project included: Pre-activity vegetation management survey, a 200-foot radius around each tree to be removed, identification and documentation of prehistoric and historic artifacts and sites, and completion of DPR and site forms.

2018

Field Archaeologist

Sacramento Bridge Extended Phase I Investigation

PI: Darren Andolina—ICF

Project included: Excavation of archaeological features and human burials, and completion of site forms, feature forms, burial forms.

2017

Archaeologist

Charney Law School Data Recovery

PI: Sarah Peelo—Albion Environmental, Inc.

Project included: Inadvertent discovery data recovery and documentation of a Mission-associated feature.

2017

Archaeologist

Santa Clara University Inadvertent Discoveries Excavation

PI: Sarah Peelo—Albion Environmental, Inc.

Project included: Santa Clara mission associated feature exposure, assessment, and documentation.

2017

Field Archaeologist

Coeur Rochester Mine Project

PI: Dayan Giambastiani—G2 Archaeology

Project included: Survey in rough terrain, the identification, and documentation of Great Basin prehistoric and historic artifacts.

2017

Field Archaeologist

PG&E Stanislaus National Forest Survey and Site Assessment

PI: Darren Andolina—ICF

Project included: Survey in high elevation, rough terrain, the identification, documentation of prehistoric and historic sites, and the completion of field forms.

2017

Field Archaeologist

PG&E Sierra National Forest Survey and Site Assessment

PI: Stephen Pappas—ICF

Project included: Survey in high elevation, rough terrain, the identification, documentation of prehistoric and historic sites, and the completion of field forms.

2017

Field Archaeologist

PG&E Tahoe National Forest Survey and Site Assessment

PI: Darren Andolina—ICF

Project included: Survey in high elevation, rough terrain, the identification, documentation of prehistoric and historic sites, and the completion of field forms.

- 2017 **Field Archaeologist**
Sunol Corporate Yard Data Recovery
PI: Michael Darcangelo—Far Western Anthropological Research Group, Inc.
Project Included: Excavation and exposure of precontact features and human burials, dry screening, completion of site forms, feature forms, and identification of prehistoric and historic artifacts.
- 2017 **Field Archaeologist**
Sunol Water Temple Data Recovery
PI: Michael Darcangelo—Far Western Anthropological Research Group, Inc.
Project Included: Excavation of archaeological features and human burials, completion of site forms, feature forms, burial forms, and identification of bones and pathologies.
- 2017 **Archaeological Monitor**
Sunol Corporate Yard Project
PI: Michael Darcangelo—Far Western Anthropological Research Group, Inc.
Project Included: Monitoring the removal, replacement, and installation of metal and plastic pipes.
- 2017 **Archaeological Monitor**
Cold Canyon Land Fill Expansion Project
PI: Desiree Martinez—Cogstone Resource Management, Inc.
Project Included: Monitoring the grading of a road expansion.
- 2017 **Field Archaeologist**
DFM 0405-01 Valve Cluster Replacement (V-280) Project along State Route 29
PI: Angela Younie—Far Western Anthropological Research Group, Inc.
Project Included: Excavation by 10cm, dry screening on-site, completion of CU forms, CU mapping, and the identification of artifacts.
- 2017 **Field Archaeologist**
Director's Orders Tree Removal Survey and Site Assessment along Selected State Routes
PI: John Berg—Far Western Anthropological Research Group, Inc.
Project Included: Assessing and documenting the effects to prehistoric and historic sites from tree cutting activities.
- 2017 **Field Archaeologist**
Oak Knoll II Project
PI: Matthew Clark—Holman & Associates Archaeological Consultants
Project included: Excavation of archaeological features and human burials, completion of site forms, feature forms, burial forms, and identification of bones and pathologies.

- 2017 **Archaeologist**
Santa Clara University Charney School of Law Data Recovery
PI: Sarah Peelo—Albion Environmental, Inc.
Project included: Excavation of archaeological features by context, Harris Matrix, completion of site forms, feature forms, context forms, feature and context mapping, the identification of Mission Period and American Period artifacts, and lab processing of materials.
- 2017 **Archaeological Monitor**
Art and Art History Building Data Recovery.
PI: Stella D’Oro—Albion Environmental, Inc.
Project included: Monitoring the excavation of a courtyard for the installment of a sculpture and the relocation of a tree.
- 2017 **Archaeologist**
109 Sylvan Street Data Recovery
PI: Sarah Peelo—Albion Environmental, Inc.
Project included: Documenting two Mission and Mexican period features (field forms and profile drawings).
- 2016 **Archaeologist**
Leicher House Phase I and Extended Phase I
PI: Sarah Niccitta—Albion Environmental, Inc.
Project included: Phase 1 excavation, completing field forms, and GPS.
- 2016 **Laboratory Assistant**
Art and Art History Building Data Recovery
PIs: Sarah Peelo and Cristie Boone—Albion Environmental, Inc.
Project included: Conducting research on fishbone identification, creating a type collection of fish bones, developing a protocol for preliminary fishbone sorting and identification, and conducting the preliminary sort of fishbone from the Art and Art History Building excavations in 2014-2015.
- 2016 **Field Archaeologist**
Santa Clara University Charney School of Law Data Recovery
PI: Sarah Peelo—Albion Environmental, Inc.
Project included: Excavation by context, Harris Matrix, completion of site forms, feature forms, context forms, feature and context mapping, and the identification of Mission Period and American Period artifacts.
- 2016 **Archaeological Monitor**
Scott’s Valley Construction Monitoring
PI: Stella D’Oro—Albion Environmental, Inc.

Project included: Monitoring the hand and mechanical excavation of retaining wall footing.

2016

Archaeological Monitor

Monterey Sewer Rehabilitation Project

PI: Stella D'Oro—Albion Environmental, Inc.

Project included: Monitoring the hand and mechanical excavation for sewer pipe replacement.

2016

Laboratory Assistant

Santa Clara University Charney School of Law Data Recovery

PI Sarah Peelo—Albion Environmental, Inc.

Project included: Wet and dry screening materials, both American Period and Mission Period, preliminary sort, micro-sort, tagging, and organizing by provenience.

2016

Archaeological Monitor

Santa Clara University Charney School of Law Data Recovery

PI Sarah Peelo—Albion Environmental, Inc.

Project included: monitoring the excavation of overburden to locate geo-cloth covering feature material and to locate electrical pipes.

2016

Fish Bone Analyst

Art and Art History Building Data Recovery

PI: Lindsley Britton—Albion Environmental, Inc.

Project included: conducting a preliminary sort of fish bones by element and species and creating provenience tags for each analyzed bone.

2016

Curation Assistant

448 Franklin Block Data Recovery

PI: Sarah Peelo—Albion Environmental, Inc.

Project included: organizing all analyzed faunal bone by feature, context, unit, spec number, sub-spec, etc., tagging, and reboxing with curation labels.

2016

Laboratory Technician

Art and Art History Building Data Recovery

PI: Sarah Peelo—Albion Environmental, Inc.

Project included: both field and in-house laboratory tasks (wet-screening, dry screening, preliminary sorting, micro-sorting, and provenience tagging.)

2015

Archaeologist

Midway-Sunset Oil Field Project

PI: Sarah Nicchitta—Albion Environmental, Inc.

Project included: one week of surveying and recording of prehistoric and historic sites, photographing artifacts, and GPS TerraSync mapping.

- 2015 **Archaeological Monitor**
Camp Roberts National Guard Base Satcom Project
PI: Sarah Nicchitta—Albion Environmental, Inc.
Project included: monitoring a large-scale project which included re-contouring of several hillsides, terracing of two hilltops, communicating and collaborating with the Native American monitor, construction company, and military personnel affiliated with the job. Assisted in the writing of the Cultural Resource Impact report.
- 2015 **Field Archaeologist**
Pacific Avenue Preconstruction Project
PI: Sarah Nicchitta—Albion Environmental, Inc.
Project included: initial research of project area at the Central Coast Information Center, a Phase I survey for the construction of a pipeline in a culturally sensitive area, and assisted in the writing of the Cultural Resource Impact report.
- 2015 **Field Archaeologist**
Wild Cherry Canyon Phase I and Extended Phase I
PI: Sarah Nicchitta—Albion Environmental, Inc.
Project included: eleven days of Phase I survey, tasks included an inventory of 30-50 acres/day, photographing and documenting artifacts, site recording, and GPS (TerraSync) mapping.
- 2015 **Archaeological Monitor**
Errol Street Construction Monitoring
PI: Sarah Nicchitta—Albion Environmental, Inc.
Project included: preliminary research of the area, monitoring the demolition of two small structures, removal of footings and foundation, and initial ground disturbance for prehistoric and historic cultural resources, communicating with the landowner, earthmover, and Native American monitor and collaborating and contributing to the cultural resource impact report.
- 2015 **Field Archaeologist**
Arroyo Grande Resident Survey
PI: Terry Joslin—Central Coast Archaeology Consultants
Project included: Phase I survey.
- 2014 **Field Archaeologist**
Atwell Island Project
PI: Sarah Nicchitta and Gilbert Browning—Albion Environmental, Inc.
Project included: field survey, site recording, and GPS (TerraSync) mapping over ten days.
- 2014 **Student**

Cabrillo College Field School, Santa Rosa Island, Nipomo, and Santa Cruz, CA

PI: Dustin McKenzie—Cabrillo College

Project included: A ten-day rotation of field survey, site recording, proposing mitigation measures, excavation by historic context and arbitrary 10 cm levels, dry screen, wet screen, flotation, soil probe, and auger testing, data analysis and interpretation, database entry, field lab sorting of prehistoric and historic components.

Community

2018-2019

On-Site Registration Volunteer

Society for California Archaeology Annual Meeting, San Diego and Sacramento, Ca

Volunteer Coordinator: Darren Andolina—ICF

Duties included: On-site registration for the meetings, silent auction, and banquet, completing transactions for on-site purchases, and answering any questions regarding the meeting.

2018

Archaeological Crew Chief

Cabrillo College Archaeological Field School, Camp San Luis Obispo National Guard Base, San Luis Obispo, Ca.

PI: Dustin McKenzie—Cabrillo College

Contributions included: helping a small group of students understand basic survey skills including transect spacing, basic use of a compass, standard survey, contour survey, sketch mapping, Garmin GPS use, and the identification of prehistoric and historic surface artifacts.

2018

Registration Volunteer

Society for American Archaeology Annual Meeting, Washington, DC

Volunteer Coordinator: Solai Sanchez—SAA

Duties included: Welcoming members to the meetings and giving out programs.

2016

Guest Speaker

California State Park, Santa Cruz Mission, Santa Cruz, CA

Contributors: Caitlin Hannah—Albion Environmental, Inc.

Contributions included: Leading a discussion regarding bone identification by element and taxon. Personal contributions regarded fishbone identification.

2016

Archaeological Crew Chief

Cabrillo College Archaeological Field School, Camp San Luis Obispo National Guard Base, San Luis Obispo, Ca.

PI: Dustin McKenzie—Cabrillo College

Contributions included: helping a small group of students understand basic survey skills including transect spacing, basic use of a compass, standard survey, contour survey, sketch mapping, Garmin GPS use, and the identification of prehistoric and historic surface artifacts.

2013 & 2014 **Archaeology Group Leader**
Santa Cruz Community College Commitment: Fourth Grade Experience
PI: Dustin McKenzie—Cabrillo College
Project included: Public outreach to local fourth-grade students and faculty about both community college education opportunities and the fundamental aspects of archaeology including academia and CRM.

2014 **Silent Auction Volunteer**
Society of California Archaeology Annual Meeting, Visalia, CA
Volunteer Coordinator: Denise Wills—Society of California Archaeology
Duties included: Setting up auction items and boxing items after the auction ended.

Research

2018 **Field Archaeologist**
Santa Cruz Island, Ca
PI: Kristin Hoppa—National Park Service
Volunteering included: Excavation of one 1x1m unit, the identification and documentation of historic and prehistoric artifacts, and the completion of level logs and field forms.

2016 **Visiting Researcher**
Anthropology Department, University of California, Santa Cruz
Academic Sponsor: Dr. Judith Hubicht Mauche—UCSC
Project Included: Independent research of preservation efforts in CRM as well as the potential long-term effects to archaeological resources “preserved” beneath buildings and roads.

2015—2016 **Santa Barbara County Archaeology Intern**
Santa Barbara Planning and Development, Santa Barbara, CA
PI: Joyce Gerber—Senior Planner, Development Review
Project included: the creation of a comprehensive database of cultural resource impact reports, site records, and research reports to create easy accessibility of these resources to both the Central Coast Information Center and Santa Barbara County Planning and Development Department.

2015 **Research Assistant**
Archaeology Laboratory, Anthropology Department, CSUCI
PI: Dr. Jennifer Perry—CSU Channel Islands
Project included: Sorting of archaeological materials, collaborating with professors and archaeologists at multiple California universities and in CRM, documenting faunal remains, and updating site records.

2015 **Research Assistant**
Cabrillo College

Contributors: Dustin McKenzie (Cabrillo College), Kaely R. Colligan (Far Western), Violet Navarrete (Cabrillo College)

Research included using GIS to categorize the information from multiple sites on Santa Rosa Island, CA. This information included: site location, site types, site size, approximate distance from the coast, associated artifacts, and the date and/or period stated on the site record.

Laboratory

2018-2019

Laboratory Assistant

Anthropology Department, Humboldt State University

Graduate Student: Kaya Wiggins

Project included: Preliminary lithic and groundstone analysis of three sites related to an orphaned collection in Cayucos, California.

2016

Visiting Researcher

Anthropology Department, University of California, Santa Cruz

Academic Sponsor: Dr. Judith Hubicht Mauche—UCSC

Project Included: Preliminary fishbone analysis including element, size, side, and burn status.

2015—2016

Laboratory Assistant

Archaeology Laboratory, Anthropology Department, UCSB

PI: Dr. Michael A. Glassow—UC Santa Barbara

The collection of calcite samples for oxygen isotope analysis. Research tasks included drilling samples from archaeological mussel shells, collecting samples in vials, labeling the vials, and maintaining the database.

2015

Laboratory Assistant and Faunal Analyst

Archaeology Laboratory, Anthropology Department, UCSB

PI: Dr. Michael A. Glassow—UC Santa Barbara

Project included: taxonomically identifying bones, sorting collections into constituent categories, and the creation of databases for further analysis of the faunal material from Santa Cruz Island.

2015

Laboratory Assistant

Archaeology Laboratory, Anthropology Department, CSUCI

PIs: Amber-Marie Madrid (CSULA) and Courtney Buchanan (CSU Fullerton)

Project included: identifying, cataloging, and photographing historic artifacts from Santa Cruz Island, CA.

2014—2015

Laboratory Assistant

Archaeology Laboratory, Anthropology Department, UCSB

PI: Dr. Michael A. Glassow—UC Santa Barbara

Laboratory assistant in charge of processing archaeological collections, sorting collections into constituent categories, taxonomically identifying shells and bones, and the creation of databases for analysis of material from Santa Cruz Island.

PAPERS

- 2017 **Bales, E. M.**
“Ichthyofaunal Analysis, Ichthyo-what?!” *University of California, Santa Cruz Annual Anthropology Chronicle*.
- 2015 **Bales, E. M.**
The Significance of CA-SCRI-801 in Santa Cruz Island’s Interior. Unpublished Senior Honors Thesis, Department of Anthropology, University of California, Santa Barbara.

PROFESSIONAL REPORTS

- 2019 Peelo, S., Danielle Dadiego, **Emily Bales**, Lindsley Britton, Alanna Abel, Claire McMahon, Stella D’Oro, Alisha Ragland, John Ellison, and Dustin McKenzie
“Victoria Era Consumer Behavior in Rural Santa Cruz County: Investigations of a Porter Family Refuse Deposit at Pino Alto” Phase III: Data Recovery Cultural Resource Report

PAPER PRESENTATIONS

- 2017 **Bales, E.M.**, Linda Hylkema, Sarah Peelo, and Judith Habicht-Mauche
“Impacts to Archaeological Resources and Conservation Practices in Cultural Resource Management: Santa Clara University, Santa Clara, Ca.” *Society for California Archaeology*, Annual Meeting, Fish Camp, Ca.
- 2016 **Bales, E.M.**, J.E. Perry, and T.L. Joslin
“The Significance of *CA-SCRI-801* in Santa Cruz Island’s Interior” *Society for California Archaeology*, Annual Meeting, Ontario, Ca.
- 2015 **Bales, E.M.**
“Understanding Chumash Settlements in Santa Cruz Island’s Interior” *Family and Parent Weekend*, University of California, Santa Barbara.
- 2015 McKenzie, D., **E.M. Bales**, K.R. Colligan, and V. Navarrete
“Small Sites with Big Potential: Survey Results from the Cabrillo College Field School” *Society for California Archaeology*, Annual Meeting, Redding, Ca.

GRANTS AND AWARDS

- 2016 Distinction in the Anthropology Major—*University of California, Santa Barbara*
- 2016 Award for Research Promise—*University of California, Santa Barbara*
- 2016 Award for Outstanding Academic Achievement by a Transfer Student—*University of California, Santa Barbara*

2016 Undergraduate Conference Mini-Grant
2015 Undergraduate Research and Creative Activities Grant
2014 Undergraduate Research and Creative Activities Grant

GENERAL CERTIFICATES

2021 Early Coordination with Indian Tribes for Infrastructure Projects (Advisory Council on Historic Preservation)
2021 Basics of NEPA and Section 106 Integration (Advisory Council on Historic Preservation)
2021 Coordinating NEPA and Section 106 (Advisory Council on Historic Preservation)
2021 CPR/AED Adult, Child, and Infant Certification (Expires June 2023)
2021 HAZWOPER
2021 PG&E SAFE0101: Corporate Contractor Safety Orientation (Expires April 2023)
2021 PG&E EQIP-0200WBT: Rural Driving Safety
2021 PG&E SAFE-1503WBT: Fire Danger Precautions (Expires April 2022)
2021 Snowy Plover Awareness Training
2021 Air Quality Awareness Training
2021 Desert Tortoise Awareness Training

FIRE CERTIFICATIONS

2021 FEMA IS-100: Introduction to Incident Command System
2021 FEMA IS-700: An Introduction To the National Incident Management System (NIMS)
2021 FEMA IS-800: National Response Framework
2020 S-110 Basic Wildland Fire Orientation
2020 S-130 Basic Fire Fighting Training
2020 S-190 Introduction to Wildland Fire Behavior
2020 S-212 Wildland Fire Chainsaw Certification
2020-2021 Fire Crew Experience (800+ fire hours): Rainbow Conservation Camp and Puerta la Cruz Conservation Camp