

Christine Marshall, MSc.

Basin Research Associates

Staff Archaeologist, Physical Anthropologist & Technical Writer

Qualifications



Highlights

- 24 years of archaeological experience

Education

- M.S., Anthropology, University of Bradford, Great Britain, 1999
- B.A. History, San Francisco State University, 1988

Professional Organizations

American Association of Physical Anthropologists

Relevance to Project

Minimum Qualifications for Archaeologist/Physical Anthropologist	
✓	At least 24 years of recent, relevant experience.
✓	Experience in 10 or more relevant, verifiable archaeological compliance projects for federal, state and/or local agencies.
✓	Experience with Archaeological Monitoring of Small and Large Scale Construction Projects.
✓	M.S. in Anthropology with an emphasis in archaeology and biological anthropology from accredited institution.
✓	Fully knowledgeable of CEQA requirements for cultural resources and historic properties. Extensive local knowledge of archaeological and physical anthropology of Northern California.

Ms. Marshall has 24 years of experience in cultural resource assessment/management, archaeology and NEPA and CEQA regulatory compliance. Ms. Marshall is an experienced archaeologist and physical anthropologist with expertise in both New and Old World Archaeology. Areas of expertise include excavation and post-excavation analyses of mortuary data and human osteological remains. She presently serves as a Staff Archaeologist, Physical Anthropologist, Analyst and Technical Writer. She has participated in numerous large and small-scale inventories, site testing programs, archaeological monitoring, and data recovery projects in California, England, Italy, and Egypt. In addition to her Basin Research Associates position, Christine is the Project Coordinator, Supervisor, and Principal Physical Anthropologist for the Post-New Kingdom cemetery excavation at Dahshur, Egypt (Metropolitan Museum of Art) and Principle Physical Anthropologist of the Facility of Archaeological Research at Helwan, Egypt (Macquarie University, Sydney, Australia) and visiting researcher for the Institute for Bioarchaeology at the Smithsonian Institute.

Ms. Marshall has contributed to over 35 reports and manuscripts including site assessments, field inventories and evaluations, monitoring closure reports and osteological reports. Ms. Marshall’s research interests span the disciplines of archaeology and physical anthropology and include site deposition, taphonomy, human osteology, funerary archaeology, and palaeopathology with an emphasis in deliberate trauma.

Recent Experience

Specialty Environmental Monitor Archaeologist and Physical Anthropologist (2010-present)

San Francisco Public Utilities Commission (SFPUC) Water System Improvement Program (WISP) Bay Division Pipeline Reliability Upgrade Project Bay Division Pipeline No. 5 (BDPL No.5) - Alameda and San Mateo Counties: Responsible for day to day monitoring activities in known archaeological sensitive zones; assisted in data recovery and Native American skeletal remains. Duties included the excavation and analysis of burials, recordation and completion of stratigraphic profiles of units and features.

Principal Physical Anthropologist/Technical Writer (2001 to Present)

CA-Ala-343 – Fremont, Alameda County: Responsible for the osteological analysis and skeletal biology report of 283 human burials recovered from Native American cemetery. Analysis included inventory, ageing and sexing, metric/non-metric analysis, and gross pathological descriptions and

interpretations. Duties also included supervision of laboratory staff, designing recording methods, forms and database, and photo-documentation.

Helwan Necropolis – Helwan, Egypt: Responsible for the skeletal analysis and co-authorship with Dr. Christiana Koehler of *Helwan Volume III: An Archaic Period Cemetery, Helwan, Egypt - Tombs 1-50*. Responsibilities include analysis of 240 human burials and preparation of manuscript.

Lisht North Pyramid Project – Smithsonian Institute, Washington D.C. and Metropolitan Museum of Art, New York: Duties include the osteological analysis of 15 discrete burials and isolated bone recovered from the Middle Kingdom cemetery, Lisht, Egypt excavated circa 1910, analysis of original field documentation, and manuscript authorship of *Lisht: North Pyramid Cemetery Population*.

Supervising Archaeologist/Principal Physical Anthropologist (2000 to Present)

U.S. Army Corps of Engineers San Francisco District Cultural Resources Studies (2010) **Conducted extensive field inventory at Lake Sonoma and Lake Mendocino for the San Francisco Division of Army Corps of Engineers. This survey was completed in cooperation with Statistical Research Inc (SRI). Duties included relocating and documenting current site conditions (prehistoric and historic sites).**

CA-Ala-678 – Milpitas, Alameda County: Supervised excavation of 10 Native American burials in accordance with mitigation conditions of cultural resource impact assessment. Responsible for supervising five member crew, excavation, recording, drawing, and in-field analysis of human skeletal remains.

Senwosret III Pyramid Complex, Dahshur, Egypt – Supervises the Post-New Kingdom cemetery excavation and skeletal analysis of 840 human burials. Responsible for the supervision of 10 workmen, excavation, drawing, recording, and mapping inhumations, features, and stratigraphic levels. Post-excavation duties include osteological analysis, and conservation and sampling of soft tissue and textiles.

Monitoring Archaeologist/Technical Writer (2005-2006) – CA-SCL-838, Metcalf Energy Center, San Jose, Santa Clara County: Assisted with monitoring of construction excavations and presence/absence testing programs for prehistoric and historic archaeological materials as mandated by Conditions of Certification for the California Energy Commission. Assisted in the research, writing, and editing of the *Cultural Resource Report for The Metcalf Energy Center (CA-SCL-838)*, City of San Jose, Santa Clara County, California.

Archaeologist/Physical Anthropologist (1999) – CA-Ala-309 (Emeryville Shellmound), Emeryville, Alameda County: Excavated and recorded Native American occupation levels and burials in compliance with cultural resource impact assessment. Assisted in the osteological analysis of human remains recovered during excavation.

Archaeologist (1988 to 2001) – Conducted excavation and burial analysis at the following sites: **CA-Ala-42, CA-Ala-483, CA-MRN-254, CA-SFr-126** (historic period coffin burials 1850-1890, **Palace of the Legion of Honor** (historic period coffin burials 19th century), **San Vincenzo Project**: Assisted in the excavation of an early medieval Carolingian monastery (AD 700-1100) near Castel San Vincenzo al Volturno, Molise, Italy; **Raunds Area Project** (Stanwick): Excavated a large prehistoric Iron Age settlement and historic Roman villa near Stanwick, Northamptonshire, England.

Archaeological Monitoring (1996 to 2007) – CA-CCo-139 (Simone Mound), Oakley, Contra Costa County: Assisted with project monitoring and recovery of prehistoric artifacts discovered during construction activities; **Williams Communications, Inc. Fiber Optic Cable System Installation Project**: Monitored boring operations for Native American occupation levels for the installation of a fiber optic system extending from San Francisco to Santa Clara, California in compliance with CEQA regulations; **CA-SCI-347**, San Jose, Santa Clara County: Assisted with project monitoring and recovery of prehistoric human remains discovered during construction activities.

Public Education – Coyote Hills, East Bay Regional Park District, Fremont, California. Conducted lectures on human osteology and analysis procedures to schoolchildren for the purpose of educating the public on the importance of archaeological excavations and past societies.

Lectures:

Egyptian Society of New York – New York, New York. Conducted lecture entitled ‘The Post-New Kingdom Cemetery of the Pyramid Complex of Senwosret III’ focusing on stratigraphic phasing and funerary treatment of a Roman and Coptic cemetery. **Corroboree: 25 Years of Cooperation between Egyptians and Australians in the Field of Egyptology**, Cairo, Egypt. Presented a lecture of the preliminary findings of the Helwan cemetery population entitled ‘The Skeletal Biology of the Helwan Necropolis, Egypt: The Findings of an Archaic Period Cemetery’.

References

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