

## Melody E Tannam | GIS Specialist/Archaeologist/Physical Anthropologist



### Education

GIS Certificate Course, San Francisco State University (90% coursework complete)

M.C.P./M.L.A. joint degree, (emphasis in Environmental Planning), University of California, Berkeley, (in progress)

B.A., Anthropology/Geography, University of California, Berkeley, 1988

### Professional Organizations

Association of Environmental Professionals

Society for American Archaeology

Society for California Archaeology

Society for Historical Archaeology

### Number of Years with BASIN RESEARCH

30+ years

### Key Experience

At least 30 years of relevant experience.

AB. in Anthropology with an emphasis in archaeology and history of western North America.

Extensive knowledge of cultural resources project mapping and graphics requirements, including APE determination

GIS Specialist

Broad local knowledge of archaeological and physical anthropology of Northern and Central California

Experience with CEQA/NEPA requirements for cultural resources.

Ms. Tannam is a multi-talented, experienced historic preservation consultant with a specialty in GIS and expertise in the prehistory, history and built environment of California and the Great Basin. Ms. Tannam presently serves as a BASIN's Vice President, as well as graphics/GIS supervisor, a historic preservation planner, quality control editor/reviewer, supervisory archaeologist and human osteologist.

She has participated in numerous small and large-scale inventories of both prehistoric and historic resources, site testing programs, archaeological monitoring, Native American burial removal and analysis and data recovery projects in California and Nevada for the past 30 years. She has also worked for the Department of the Environment in the United Kingdom (London and other units) on several archaeological projects either in the field or in the laboratory. Additional work experience has included digital cartographic editing, map production, drafting and aerial photographic analysis. Ms. Tannam is experienced with ArcView, Corel Draw, Illustrator, AutoCAD, and other computer CAD and graphics packages.

Ms. Tannam's current responsibilities have included general and specific plan development and research for cultural resources sections, the development and planning and initiation of interactive cultural resources maps for planning documents and presentations, technical project management, and editing and report production. Ms. Tannam has contributed to over 300 manuscripts and reports. Her research interests span the disciplines of historic preservation, cultural resources management, archaeology, physical anthropology, geography and planning and include California and the Great Basin archaeology, human osteology, the built environment, GIS, landform analysis including cultural landscapes, and cartography.

### Project Experience

**San Francisco Public Utilities Commission (SFPUC) Water System Improvement Projects (WSIP) - BDPL 5 and Biohabitat Restoration Projects (San Mateo County), BDPL 3, 4, and 3X (Alameda and Santa Clara Counties), and San Joaquin (SJPL) System Project (Tuolumne, Stanislaus and San Joaquin counties)**

**Role:** GIS Specialist, Graphics Specialist, Archaeologist

**Responsibilities:** Responsible for coordinating all graphics and GIS actions for pre-construction field assessments (inventories), Archaeological Monitoring Plans (AMP), and Findings of Effect (FOE). During pipeline construction Ms. Tannam tracked progress of field operations in the San Mateo Peninsula, Alameda County and San Joaquin System spreads. She also assisted with excavation and mapping during Native American burial recovery and review, and participated in preparation of technical reports, as well as acting as a final reviewer/quality control editor

### **USACE 2007 IDIQ (Various Task Orders – Sacramento Office)**

Ms. Tannam coordinated all graphics and GIS actions for the as well as acting as a final reviewer/quality control editor. Responsibilities included developing initial mapping for field inventories, digital image management, and final graphics and GIS studies. In particular, she developed interactive maps for various of the task orders from the Sacramento District that consisted of PDF format maps with hot links to recorded site data for each resource located on the map. The maps were particularly valuable for agency personnel who could access all known data for recorded archaeological site within the project without reference paper information scattered in numerous files. Ms. Tannam's skills were used for to enhance the usability of several cultural resources inventories and relocation studies for flood control and dam safety program projects in California and Nevada (Lake, Santa Clara and Kern counties, western Nevada); cultural landscape inventory and evaluation; and, developing explanatory graphics and PowerPoint presentations for a practical archaeological training course for the THPO and members of the Washoe Tribe.

### **Shea Homes**

**Role:** Archaeologist/Graphics Supervisor/Editor

**CA-CCo-647 – Oakley, Contra Costa County:** Co-supervised daily operation of burial removal of 91 prehistoric Native American skeletal remains including in-field recording of burials and associated grave goods. Assisted with analysis of skeletal remains and artifacts, and completion of technical report (including all maps/graphics, and quality control) to meet U.S. Army Corps of Engineers requirements in project's *Memorandum of Agreement*.