

Brief Biography of Shawn W. Carlyle

Shawn W. Carlyle received his Ph.D. in Biological Anthropology from the University of Utah in 2003. As part of his doctoral dissertation he isolated and examined ancient DNA (aDNA) from several Anasazi (Ancestral Pueblo) museum specimens, utilizing variation in mitochondrial DNA (mtDNA) to discern temporal and geographical lineage stability among the Anasazi in prehistory.

Dr. Carlyle has spent the last ten years within the Department of Anthropology at the University of Utah. At the Laboratory of Biological Anthropology (LBA) his lab work focused on developing protocols for the successful use of ancient DNA (aDNA) analyses within the Southwest. The end result has provided the first assessment of prehistoric genetic variability in the region. In addition to the Eastern and Western Anasazi, Dr. Carlyle has analyzed aDNA from the Fremont, Mogollon and Salado.

Dr. Carlyle recently completed a post-doctoral study of Anasazi Basketmaker II samples from the Kayenta region of northeastern Arizona, in collaboration with the Peabody Museum of American Archaeology and Ethnology at Harvard.

Shawn W. Carlyle, Ph. D Brief Curriculum Vitae

Education

2003 Ph. D., Anthropology, University of Utah, Salt Lake City.

2000 B.A., History, University of Utah, Salt Lake City.

1990 B.S., Anthropology, University of Utah, Salt Lake City.

Contributed Papers

Brenner-Coltrain, J, JC Janetski, and SW Carlyle

2006 The stable and radio-isotope chemistry of Eastern Basketmaker and Pueblo groups in the Four Corners region of the American Southwest. In: Staller, JE, RH Tykot, and BF Benz, editors. *Histories of Maize: Multidisciplinary Approaches to the Prehistory, Linguistics, Biogeography, Domestication, and Evolution of Maize*, pp. 275-287. New York: Academic Press.

Carlyle, SW

2005 Discerning the origins of the Anasazi with mitochondrial DNA haplogroups. In: Reed DM, editor. *Biomolecular Archaeology: Genetic Approaches to Reconstructing the Past*. Center for Archaeological Investigations, Occasional Paper 32: 93-127. Carbondale: Southern Illinois University Press.

O'Rourke, DH, MG Hayes, and SW Carlyle

2000 Ancient DNA studies in physical anthropology. *Annual Review of Anthropology* 2000 **29**: 217-242.

Carlyle, SW, RL Parr, DH O'Rourke, and MG Hayes

2000 Context of maternal lineages in the greater Southwest. *American Journal of Physical Anthropology* **113**: 85-101.