



**Dr. Karl Reinhard**

Professor

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Dr. Karl Reinhard is both a parasitologist and archaeologist who founded the field of archaeoparasitology in 1985. By innovating methods of dietary and parasitological study of archaeological remains, he reconstructed the emergence of parasitism in prehistoric cultures and defined indigenous behaviors and medicines that limited infection. He was also one of founders of the scientific analysis of mummies beginning in 1991. His work on intestinal and ectoparasite parasites among mummy collections initiated a paleoepidemiological approach to archaeoparasitology. For population studies, he made methodological contributions including field sampling procedures and microfossil concentration methods for detailed assessment of parasitism, diet and environment. From these data, he and his students analyzed parasitological, dietary, and environmental evidence to reveal patterns of disease relating to ancient climate change. Most recently, he has explored theoretical applications to prehistory with the goal of establishing an archaeology of parasitism. His regional foci include coastal Brazil, coastal Peru and Chile, western arid regions of North America, the arctic and the northeast United States. In historic archaeology, he specialized in the northeastern states of the USA.