

**The Department of Anthropology invites you to a Colloquium**

*The Andean Ascent: How Humans First Settled the High Altitudes of Peru over 7000 years ago*

**Presented by: RANDY HAAS**

**Assistant Professor, Department of Anthropology, University of California, Davis**

**Member of the Collasuyo Archaeological Research Institute**



How do humans respond to stressful environments? What are our cultural, physiological, and genetic responses? Beginning around 11,000 years ago, hunter-gatherers began to settle the cold, oxygen starved alpine environments of the Andes Mountains, initiating a natural experiment in human adaptation to extreme environmental challenges. The focal point of this talk is the archaeological site of Soro Mik'aya Patjxa where hunter-gatherers lived and died at an altitude of 3800m more than 7000 years ago. This talk will discuss how human skeletal remains, their isotopic and genetic chemistry, and associated cultural artifacts from the site are answering old questions about the timing and nature of alpine adaptation while also raising new questions about the roles of cooperation and conflict.

**Friday, December 8, 2017**

**3:10-4:30pm**

**INTS 1113**