

**Cody Strathe**

## Temporal Effects of Climate and Culture on Harbor seal (*Phoca vitulina*) Populations as Reflected in the Archaeological Record

Abstract:

The Gulf of Alaska (GOA) ecosystem has experienced dynamic variability over the past 6500 years. This includes changes in biological regimes, tectonic subsidence, sea level, ocean temperature, and prey availability due to recent fishing practices. Human populations effect and are affected by ecosystem change and some archaeological deposits provide time series recordings of these changes in