

Chapman Seminars, February 2011

Tues and Thurs, 3:40-5:10 pm , GI Auditorium

Yakutat Collisional Mountain Building and Extra-Regional Tectonism--A Whole System, Mountain Top to Sea Bottom Perspective

Feb 1 and 3-- Ken Ridgway, Purdue Univ

- Upper plate proxies for Cenozoic flat-slab subduction in southern Alaska
- Neogene deposition, provenance, and exhumation along a glaciated collisional syntaxial corner, southern Alaska

Feb 8 and 10-- Roland von Huene, USGS, Menlo Park

- Neogene migration of the Yakutat Terrane, a marine perspective
- Subducting plate geology constraining three earthquakes ruptures in the western Alaska margin, Kodiak to Unimak

Feb 15 and 17-- Sean Gulick, Univ Texas, Austin (UTIG)

- Crustal structure, deformation, and history of the subducting Yakutat Terrane
- Tectonic-climate interactions in southeast Alaska

Feb 22 and 24-- Eva Enkelmann, Univ. Tübingen, Germany

- Tectonic and surface process interaction at the Yakutat-North American collision zone in southeast Alaska
- Using thermochronology to study temporal and spatial variations of rock exhumation

