

Quay Paul

I would like to attend the Alaska-Tahiti Workshop in October. My interests focus on measuring the distribution of  $\delta^{13}\text{C}$  of dissolved inorganic carbon throughout the water column and dissolved  $\text{O}_2/\text{Ar}$  in the mixed layer in order to understand the impact that particle export/degradation and circulation have on the  $\delta^{13}\text{C}$ -cadmium- $\text{PO}_4$  relationship in the upper ocean, thermocline and deep sea. The cruise track samples three ocean regions with significantly different productivity and ventilation rates in the equatorial, subtropical and subarctic Pacific.

Thanks, Paul