

**Living on the Edge: Geology and Paleontology of the Great Valley Group**  
Todd Greene, Kat Ketterer, and Russell Shapiro, California State University

This one-day field trip will explore both the general setting and unique environments of the Early Cretaceous Great Valley Group along the western Sacramento Valley. Participants will see excellent examples of the main sedimentary rocks comprising the fore-arc deposits including thick packages of deep water turbidites and conglomerates and detrital serpentinite with associated methane-derived limestone. As a group, we will discuss the deposition setting and tectonic history using the different sedimentary facies and unique fossils, including chemosymbiotic brachiopods.

Please note that there will be some moderate to low-strenuous hiking on part of this field trip and sturdy hiking boots and walking sticks are recommended.