

**Objective #1:** Given an outcrop, 1D/2D section, correlation diagram or another representation of a stratigraphic section, interpret the depositional history of the sequence and develop an internally consistent hypothesis about the relative importance of sediment supply, subsidence and/or base level in creating the sequence.

**Objective #2:** Become familiar with regional Paleozoic stratigraphy. Many of you will likely work professionally in this region at least for part of your careers, and will be helpful to know the strat. column.

**Objective #3:** Given a tectonic setting, predict what types of sedimentary processes and depositional environments would result and what their stratigraphic/sedimentologic signature would be.

# Stratigraphy and Sedimentation 303

**1** Project #1  
virtual field trip to the Cretaceous  
Book Cliffs, UT

