

# **Mini-Quiz 6**

BIOL 4350/6350

Ecophysiology

- 1 How would you expect elevated CO<sub>2</sub> to change the competition between C<sub>3</sub> and C<sub>4</sub> species? Why?**

- 2** Imagine your favorite ecosystem (natural or anthropogenic). Briefly introduce it and use a systems diagram to explain how you would expect total carbon uptake to differ with elevated CO<sub>2</sub>? Use boxes and arrows for your diagram and add either a "+", "-", or "+/-" sign to each arrow. Your left-hand box should be "atmospheric CO<sub>2</sub>" and your right-hand box should be "ecosystem CO<sub>2</sub> uptake".