

Name:

## **Mini-Quiz 3**

BIOL 4301/6301

September 19, 2019

**1** Lubbock can get pretty hot and may get hotter still in the future. You are approached to help reduce the heat on campus with a \$1,000,000 budget. Name three ways you could reduce Lubbock heat using what you know about the energy balance.

**2** How might your three ideas influence the water cycle?

**3** Let's think bigger! Use the energy balance equations to reduce global warming (by doing something other than sucking GHGs out of the atmosphere). You have an unlimited budget.

**4** Would this 'solution' have any cascading effects?