

## *SOC 4650/5650: Week 10 ArcGIS Quick Reference*

*Christopher Prener, Ph.D.*

*March 21<sup>st</sup>, 2017*

### *Checking the Current Projection*

Right click on the data frame and select Properties... > Coordinate System

### *Changing the Projection of the Data Frame*

Right click on the data frame and select Properties... > Coordinate System. Search for the projection system you need. Some common choices are:

- NAD 1983
- NAD 1983 UTM Zone 15N
- NAD 1983 StatePlane Missouri East FIPS 2401 (US Feet)
- Albers Projected Coordinate Systems:
  - Alaska Albers Equal Area Conic
  - Hawaii Albers Equal Area Conic
  - North America Albers Equal Area Conic
  - USA Contiguous Albers Equal Area Conic
  - Specialized Albers state systems for Alaska, California, Florida, and Texas
- Lambert Projected Coordinate System:
  - North America Lambert Conformal Conic
  - USA Contiguous Lambert Conformal Conic
  - Specialized Lambert state systems for Georgia, Oregon, Texas, and Virginia

### *Changing the Projection of a Shapefile or Feature Class*

Open the ArcToolbox and then choose Data Management Tools > Projections and Transformations > Project

### *Exporting Data*

Right click on the layer and select Data ▸ Export Data.... Be sure to select  
Use the same coordinate system as: the data frame.