

# Measures of Centrality and Variability

STA 220 - Lecture #4

# Centrality and Variability

- Methods to take large amounts of data and present it in a concise form
  - > Want to present height of females and males in STA 220
  - > Could measure everyone and graph results
  - > More interested in  $\bar{x}$  that describes the most likely representation of the height of the students in the class
    - This is called

# Centrality and Variability

- Once you have your measure of centrality may want or need to know
- Is the data repeatable?
  - > This would be