**Assignment: Graphics Assignments in R**

* **Plot the age for rural people (urban==1) –Zambia Data**
  + Subset, plot using hist
  + Add a title for the histogram that says “Age distribution of Rural People”
  + Add a label to the x-axis that says “Age in Rural Areas”
  + Make the bars red
* **Plot the age for rural and urban people on one plotting platform – Zambia Data**
  + Hint use (par(mfrow = c(2, 1))
  + For each plot, set the title of the plot to be the area
  + Using the median and the abline function, draw a vertical line on each histogram at the location of the median for that area.
* **A boxplot of gest weeks by maternal age group - bab9**
  + Set the y-axis label to say “Gest weeks "
  + Set the title of the plot to be “Gest weeks by maternal age group"
* **Do a scatter plot bweight vs age and color by low birth weight- bab9**
  + Add a title
  + Change the color of the dots
  + Challenge: change the shape of the icons using the pch function in graphs

Repeat the above scatter using ggplot2 and tell the difference

Take Away

* Using the ggplot library (library(ggplot2)) - - bab9
  + Do the above graphs using ggplot