

# Beamer Presentation - HW3 BIO 381

Adrian Wiegman

February 3, 2018

# Primary objective of the Presentation

- ▶ demonstrate use of sequential and simultaneous bullet points
- ▶ use colored text
- ▶ use an image
- ▶ use an image with a caption
- ▶ use an image with an overlaid caption

## Secondary objective of the presentation

- ▶ talk about my what I had for breakfast!

# Ingredients of my breakfast

► eggs

# Ingredients of my breakfast

▶ eggs

▶ ham

# Ingredients of my breakfast

- ▶ eggs
- ▶ ham
- ▶ green dye

# Ingredients of my breakfast

- ▶ eggs
- ▶ ham
- ▶ green dye
- ▶ butter

## An equation for the weight I gained after eating my breakfast

$$Q = k(E * n_E + GD + H * n_H + B)$$

- ▶  $Q$  is the mass of my breakfast (g)
- ▶  $E$  the mass of one large chicken egg (g)
- ▶  $n_i$  is the number of  $i^{\text{th}}$  ingredient
- ▶  $GD$  is the mass of green dye added to the egg yolk prior to frying
- ▶  $H$  the mass of a standard 1 cm thick slice of ham shank with a diameter of 15cm (g)
- ▶  $B$  the mass of butter added, to grease the pan
- ▶  $k$   $k_{ce}$  is the moisture loss coefficient ( $\text{g g}^{-1}$ ) to heat all ingredients in a frying pan from  $5^{\circ}\text{C}$  to a mean temperature of  $70^{\circ}\text{C}$



## An R vector of what I had for breakfast

```
library (ggplot2)
ingredients<- c('greenDye','eggs','ham','butter')
mass <- c(0.05,70,50,5)
names(mass) <- ingredients
k <- 0.8
n <- c(1,1,2,1)
names(n) <- ingredients
Q <-sum(n*k*(mass))
print(Q)
```

```
## [1] 140.04
```

A picture of what I had for breakfast



A properly annotated picture of what I had for breakfast



green eggs and ham

(source: <http://www.drseussart.com/illustration-art/green-eggs-and-ham-50th-anniversary-print>)