For inspiration and ideas, view: The Chemistry of DNA and The Chemistry of Ice Cream

**Overview**:

Infographics are graphic depictions of complex information (e.g., knowledge, data, concepts, ideas, etc.). This medium relies upon visual elements to clearly and concisely communicate complex information to diverse audiences. Infographics may use evidence and practice-based data, along with a compelling statistic in an easy-to-read from with simple charts, bold graphs and/or other graphics to disseminate information in a quick and easily digestible format.

**Assignment**:

Your assignment is to create an infographic demonstrating and explaining the four levels of protein structure (primary, secondary, tertiary and quaternary) and the chemical bonds associated with each level. Your audience should be a university freshman biology course.

There are websites available to facilitate creating infographics. Visme (my.visme.co) appears to have instructions and be free. You could also use Powerpoint or GoogleSlides to create your infographic. See the infographic examples provided that accompany this assignment. You can also watch the Visme video on [How to create engaging infographics](https://www.visme.co/videos/?utm_source=WelcomeEmail&utm_medium=email&utm_campaign=stage-%7Bstage%7D).

Instructions

* Your infographic should fit on a standard letter page.
* The document should have a color theme, clear graphics and text.
* The content should be targeted to an introductory college freshman biology course.

Contents

* Clear title
* Four panels with an image demonstrating the different protein structure levels
  + Keep track of your sources of these images in a separate document
  + If possible, try to find open source (free) images (do not use images from the class powerpoints)
* Clear labeling of each image (not as a figure legend)
* Explanation of what types of chemical bonds (and what is interacting) for each level of structure
* Your names should be found in relatively small font (legible, but not distracting) near the bottom of the infographic

The final infographic will be due on Friday, February 26 at 10 pm. This assignment is worth 20 points. A draft can be turned in no later than Friday, February 19 (10 pm) for review and comments.

Visme will save in a variety of formats (and should save your working document). You should ‘share’ your document privately (so that others online will not have access). You should download as a pdf to share with me (through Canvas).