

BIOL220 Hormone Presentation Assignment



Your boss has given you the assignment to develop a 5-minute segment for NPR’s Science Friday (<http://www.sciencefriday.com>) on plant hormones. To do this you may use the Graham et al. text, and any other references. You will present these news segments to class on Friday, September 19th.

Even though Science Friday is broadcasted via the radio, they have an extensive website so you should include both audio and visual components in your news segment.

For your hormone, you must include the following information in your news segment:

- What are the main effects of the hormone?
- Where is it produced, where does it have its effect(s)?
- If there were a mutant plant that did not have hormone X (or its cells did not respond to hormone X) what would that plant look like/what would be the plant’s phenotype?
- A short, catchy, easy to way for your audience to remember your hormone (e.g., visual aide, analogy, pneumatic or other kind of memory device)

Make sure to include the names of your group members...this will count as a class activity.

Your news segments will be presented DURING class on Friday, September 19th.

I have set up a forum on the moodle site. Please use this to post any additional materials you think would be helpful for the class (e.g., the ppt file, if you made one; images you used in your presentation; the text of your presentation; etc.)

You will be judged on the quality of your news segment that includes:

- Quality of presentation
 - You will loose points if you go less than 5 or over 5 minutes. Reading your powerpoint slides (if you use powerpoint slides) verbatim is not an acceptable way to convey the information and you will loose some points.
- How complete was the information presented on the hormone (e.g., see bulleted list above)
- Creativity (e.g., did the news segment grab the audience’s attention?)

Here’s an example of the rubric I will use to assess your news segments

	4	2	1	0
Major functions	All functions clearly explained	Majority of functions explained	1 function	None
Location of hormone production and its effect(s)	Locations presented and clearly explained (e.g., use an analogy)	Locations presented, explanation not clear	Locations presented with no explanation	None
Mutants	Phenotype presented thoroughly and clearly	Phenotype presented, but not as thorough or clear	Phenotype presented in a very general way	None
Memory device	Succinct, catchy, very easy to remember	Brief, somewhat catchy, easy to remember	A little too long, not very catchy, and more difficult to remember	Too long, impossible to remember
Creativity	Use of visuals or activity appropriate, unique to the news segment, very memorable	Visuals or activity appropriate	Minimal visuals or activity	None