To complete this activity, you must do the following:

1. Print out this worksheet
2. Go to http://courses.bfwpub.com/arga/PsychSim(ARGA2)/21_hungerFatRat/index_angel.html and click on “Hunger and the Fat Rat.” Please do not select the option to email answers to your instructor; you must turn in a hard copy of this worksheet.
3. Complete the worksheet, in your own words, and turn it in to 125 Moore Building by the due date given when you signed up.

This activity provides a simulated experiment on weight regulation in rats.

**The Hypothalamus**

- What are the two techniques used to study hypothalamic dysfunction? How do they differ?

**Experimental Simulation**

What conclusions were you able to draw about the effects of the following procedures on the experimental rats:

- Stimulation of the lateral hypothalamus (LH)?

- Destruction of the lateral hypothalamus (LH)?
• Stimulation of the ventromedial hypothalamus (VMH)?

• Destruction of the ventromedial hypothalamus (VMH)?

• What did you learn from this experiment about these two regions of the hypothalamus?

Some Cautions
• What are the two problems with a simple conclusion to this research question?