

PsychSim 5: HUNGER AND THE FAT RAT**Name:** _____ **Section:** _____**Date:** _____

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