

**Assignment #6: The value of simulations**  
**Due Date: October 14, 2008**

Goal for this assignment: **consider the advantages and disadvantages of various research methodologies, focusing on computer simulations.**

For this assignment you must:

1) Understand the points discussed in Lewandowsky (1993), Dror & Gallogly (1999), and in class.

Your paper should be typed, with 1-inch margins all around, and 12 point font size. You are welcome (and encouraged) to submit your answer via e-mail instead of handing in a paper copy; electronic copies/attachments should be saved in RICH-TEXT-FORMAT ***only***. Your full name and your KUID should appear in a header, or at the top of each page you submit.

For this assignment answer either A or B (not both!).

**A) Discuss the rewards and hazards of using computer simulations to understand the mind, brain, and behavior.**

**-OR-**

**B) Do computational models need to be biologically plausible to help us learn something about the mind, brain, and behavior? Discuss the pros and cons of using biologically implausible connectionist models.**