

# Elmhurst College

## **FYS 100.09 -- Becoming a Skeptical Student: Science, Pseudoscience, and Self-deception**

September 27, 2010

### **Science Characteristics Catalogs**

It is time to begin building a computer file (or files) to create catalogs of the following characteristics of portions of the scientific process.

1. Important characteristics of sound scientific hypotheses or theories (ideas).
2. Important characteristics of valid scientific observations or experiments.
3. Situations in which one should be suspicious (particularly skeptical).
4. Claims or assertions about how the world works that you encounter in various parts of your life.  
[As the course progresses, we/you will explore questions about the supporting evidence (or lack thereof) for these claims/assertions.]