

**Mostrom's Metacognition Pyramid**  
**"Clear / lucid thinking → clear / lucid writing"**

By: Dr. Alison M. Mostrom, University of the Sciences in Philadelphia, Dept of Biol.  
 Sci, April 2009

**Here is Dr. Mostrom's original formulation, for students in the sciences. On the next page TΦ101 has tried to adapt her pyramid for philosophy courses.**

**Central Research Question(s):**

**Assumptions:**

- 1.
- 2.

(note: incorporate these into your Intro. / Hypotheses)

**Predictions → "Alternative Hypotheses":**

- 1.
- 2.

(note: incorporate these into your Intro. / Hypothesis)

**Basic Methods (field/research & statistical):**

- 1.
- 2.
- 3.

(note: incorporate these into Methods)

**Major Results (those that are of statistical interest):**

- 1.
- 2.
- 3.

(note: incorporate these into Results, with accompanying Figures)

**Changes in Assumptions due to Results:**

- 1.
- 2.

(note: incorporate these into Discussion)

**Future Directions:**

1. New Hypothesis to test:
2. Revised methods (suggestions for improvement):

(note: incorporate these into Discussion / "Suggestions for Improvement" / Conclusions, if appropriate)

**Note: Only start writing once you have completed this page and reviewed it with peers and/or Dr. Mostrom.**

**Possible Adaptation for Philosophy Papers, done by TΦ101, June 24, 2009:**

**What is the topic you will be writing about?**

**What are some interesting questions about that topic? Circle most interesting question.**

- 1.
- 2.
- 3.

**What are some possible answers to that question? Circle the most promising answer?**

- 1.
- 2.
- 3.

**What are some texts or arguments that you might use to back up your answer?**

- 1.
- 2.
- 3.

**Have those texts or arguments made you modify your answer?**