Five-Phase Discovery Process:

Exercise Your Curiosity

1. Read and add HyLights to your document collection

- Establish a digital collection of documents on a topic of interest

- Import your files to HyLighter

- Read the documents in a preferred order and add HyLights

2. Review each document and create a mashup

- Review each document in a preferred order with a focus on highlighted fragments and comments

- Copy high-value HyLights to the mashup

3. Arrange the mashup in a preferred order or narrative

- Review your mashup using individual button badges or the next arrow to visit each HyLight in context

- As you move from HyLight to HyLight, add a descriptive tag that best classifies each HyLight into a category - strive to keep the number of different tags to a minimum.

- Organize HyLights into categories by sorting the mashup by tags

- As you review the reorganized mashup, ask yourself, "What do I understand? What don't I understand? What non-obvious associations do I see? What pattern do I see emerging from the information and my own current knowledge?

- Record your thoughts by adding to or editing your mashup comments

- Delete HyLights from the mashup that fall outside the scope of your topic

- If you are feeling stuck or just want to try a different approach, check out this creative thinking technique (i.e., an adaptation of the descriptive enumeration technique as described by Arthur Murray in Deep Learning Manual, 2016)

- As you engage in this process, revise your comments and add replies that capture your current thoughts

- Using the Move HyLight feature, rearrange HyLights in the mashup to reflect your emerging storyline

- Alternatively, export the mashup to Word, GoogleDocs, or other word processor, rearrange the HyLights, and import the results back to HyLighter

4. Reflect and elaborate on your mashup and emerging storyline

- Similar to Phase 3, as you review your mashup by navigating from HyLight to HyLight, ask yourself, "What do I understand? What don't I understand? What non-obvious associations do I see? What pattern do I see emerging from the information and my own current knowledge?

- Fill in missing information by searching your current collection and foraging for new sources

- Search for meaningful analogies and exercise your curiosity by exploring areas that border on your area of interest or are, even, somewhat distant

- Import new documents to your collection, add HyLights, copy high-value HyLights to your mashup, add tags, and move the new HyLights to reflect your storyline

- Once again, review the mashup using individual button badges or the next arrow to navigate at high-speed to each HyLight in context

- Using the mashup Move HyLight feature, rearrange HyLights to revise your storyline

5. Write your paper with embedded HyLights that point back to HyLights within your sources

- Use the mashup as a guide for writing a first draft of your paper

- Embed HyLight IDs within your draft that point back to HyLights within your sources that stand behind your written words

- When you complete the final version, readers will have the option to read your paper in HyLighter with a mashup of embedded HyLight IDs