

## Class Notes and Homework

English 105i, Day #17:

"If you have any young friends who aspire to become writers, the second greatest favor you can do them is to present them with copies of *The Elements of Style*. **The first greatest, of course, is to shoot them now, while they're happy.**"

— Dorothy Parker

## PRE-Midterm II - Practice

1. Attendance

### NEWS Items:

2. ONE remaining Sunday tutorials:
  - a. I have attendance sheet.
  - i. How many do you need and what is the bonus?
3. If today goes well, **NO HW** and Midterm assigned NEXT Thursday at Pizza Night.
  - a. Invite your peer mentors and look for sign-up sheet ASAP.
  - b. **Midterm:** Phillips 0335, 6-7:30, April 3<sup>rd</sup>.
4. Do you have the steps for writing a paper memorized?

## Practice Test: Midterm II – Only ONE page

5. Show link [HERE](#)
6. **The Task:** For this class, you will be creating **ONE great paper** as a team! This **pre-midterm** is an opportunity to show you how quickly you can write a quality paper if you just follow the steps. We'll start today with the steps of **reading**, then some **simple nomenclature building and road-mapping**, then **drafting of signal phrased sentences**, **refining of sentence purposes**, **writing**, and finally **the steps of editing (i.e., prettification)**. If this goes well, we'll do it again, even quicker, next class so you're ready for the Midterm. Remember, if you want to get the midterm II done as a team, come to pizza night next Thursday. Otherwise, it will be a take-home exam due the Tuesday after.
7. **Here are some links you may need: Print these for Next Year! I'll save them online through JUNE.**
  - a. **The Editing Checklist:** [http://www.bradleyhammer.com/105i/editing\\_checklist.pdf](http://www.bradleyhammer.com/105i/editing_checklist.pdf)
  - b. **How to write a signal phrased sentence:** <http://www.bradleyhammer.com/105i/signal-phrases.pdf>
  - c. **Logical Fallacies:** [http://www.bradleyhammer.com/105i/logical\\_fallacies.pdf](http://www.bradleyhammer.com/105i/logical_fallacies.pdf)
  - d. **Sentence Purposes:** [http://www.bradleyhammer.com/105i/sentence\\_purposes.pdf](http://www.bradleyhammer.com/105i/sentence_purposes.pdf)
  - e. **Final Edits (i.e., prettification):** <http://www.bradleyhammer.com/105i/prettification.pdf>
8. **Step #1:** Elect a **Team Captain**: This is your "writing BEST friend" for today – come up to Dr. H's computer: Whomever is elected gets **.15 Bonus on ANY homework assignment** if the paper is at least a "B".

**\* Class:** HPM 351 – Politics, Public Health, and Health Policy

**Paper Topic/Question:** Are genetically modified foods a risk to human health?

**The Professor's Prompt:** \* In understanding what, if any risk GMO's pose to human health, over the past 25 years, I've read BOTH "severe" and "none" ... Class, as adult consumers, you'll need to know for sure as you posit "what to eat." And, as a future physicians, researchers, public health administrators or government lackeys, you'll need to know how to advise others, based on the research, as you seek to oversee public health.

Before you form an uncritical thesis (e.g., GMOs are un/healthy), let's read and collect some basic nomenclature BELOW.

Here are the steps:

**Step #2: Compile a Nomenclature List:** Everyone read for **7 Minutes** and Build this list. As soon as you find something, paste the new word and its core meaning into your link below:

e.g., **Term #1: Genetic Engineering:** GE is a set of laboratory-based technologies (e.g., CRISPR/Cas9) to alter the DNA makeup of an organism. This may involve changing a single base pair (A-T or C-G), deleting a region of DNA or adding a new segment of DNA. GE is used ongoingly in the production of modern GMOs

- Post nomenclature list [HERE](#)
  - \*\*\*Once you have your nomenclature list, as a group, vote on your intro-concept!!!
- Find nomenclature with these links: Captain, split these pages amongst class.
  - [http://en.wikipedia.org/wiki/Genetically\\_modified\\_food\\_controversies](http://en.wikipedia.org/wiki/Genetically_modified_food_controversies)
  - [https://en.wikipedia.org/wiki/Genetically\\_modified\\_organism](https://en.wikipedia.org/wiki/Genetically_modified_organism)

**Step #3: Wiki-topic Page Headings:** **4 Minutes** to paste in 7 headings followed by **3-minute** group debate over best STORY ORDER! Put your name next to your choices. Start with Wikipedia links above. Post your List [HERE](#) after ordering your 7 headings.

**Vote on best "story" of headings.**

**Step #4: Intro Quote Ideas:** **3-5 Minutes:** Everyone find an opening Quote and paste it in:

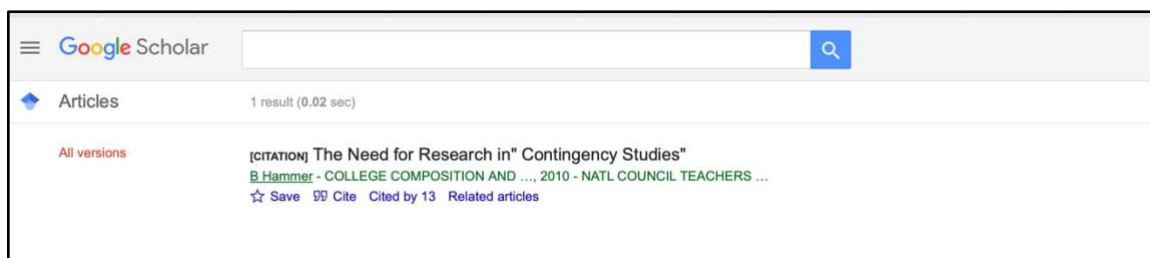
Start HERE: <https://library.unc.edu/find/googlescholar/>

List [HERE](#) -- We'll have **2-minute** vote on best option.

**Step #5: Lit Review:** **5 Minutes:** Captain assigns 2-3 students per wiki heading – Groups, do a search for **3 good quotes per student** under YOUR wiki heading and paste them into our Google Doc ([HERE](#)): Each group orders their own quotes into a story when done! Here are some decent links to get you guys going.

- **No scientific consensus on GMO safety -- Article [LINK](#)**
- Societal aspects of genetically modified foods. --- Article [LINK](#)
- **Health Risks of Genetically Modified Foods -- Article [LINK](#)**
- **Pros and Cons of GMO Crop Farming --Article [LINK](#)**

**Remember:** All you need is ONE good citation and then you can use the “cited by” button or “related articles button” to find similarly topic-ed citations.



**STEP #6: Signal Phrase Sentences:** 8 Minutes: Do NOT waste time over-thinking. We'll prettify later. Each Group turn your citations into signal phrased sentences: <http://www.bradleyhammer.com/105i/signal-phrases.pdf> --divide and conquer

#### **Dr. Hammer's Examples BELOW:**

It is likely that **gene edited animals** will be considered on a **case-by-case** basis depending upon the novelty of the edited DNA sequence and the resulting attributes or phenotypes displayed by the animal. Van Eenennaam, A. L. (2017). Genetic modification of food animals. *Current Opinion in Biotechnology*, 44, 27-34.

Van Eenennaam suggests that **regulations of "gene edited animals"** should be determined **"case-by-case,"** indicating that genetic modification of animals varies in complexities greatly, and therefore should not be limited by overly-simplified regulations.

"A way to prevent the malaria epidemic is to control the growth of mosquito population...A recent alternative way that originated from advances in genetic research is the possibility to produce transgenic mosquitoes. Indeed this is already a success for the case of malaria mosquitoes. Now, it has been suggested, and there are some research initiatives in this direction, that **genetically modified mosquitoes** introduced in the environment can exterminate **malaria** once and for all (Catteruccia et al., 2003; Moreira et al., 2002; Moreira et al., 2004; Abraham et al., 2004; Pinkerton et al., 2000; Enserink, 2001)."

Rafikov, M., Bevilacqua, L., & Wyse, A. P. P. (2009). Optimal control strategy of malaria vector using genetically modified mosquitoes. *Journal of Theoretical Biology*, 258(3), 418-425.

Findings by Rafikov suggest that **"genetically modified mosquitoes,"** by controlling reproductive patterns, can help eliminate **"malaria,"** proving that when applied properly, genetic modification in animals can be efficacious for human health.

(Google Doc [HERE](#)):

**STEP #7: Editing Checklist:** 4 Minutes: Captain, assign everyone 2 items off the editing checklist and just fix the paper for FLOW – sentence-to-sentence: [http://www.bradleyhammer.com/105i/editing\\_checklist.pdf](http://www.bradleyhammer.com/105i/editing_checklist.pdf)

(Google Doc [HERE](#)):

**Step #8: Final Draft:** Remainder of Class -2 minutes: Captain types changes to paper while rest of class screams out changes, let's edit TOGETHER. Do you remember the editing order? <http://www.bradleyhammer.com/105i/prettification.pdf>  
(Google Doc [HERE](#)):

**Step #9:** Class reads and then GRADES the paper.  
(Google Doc [HERE](#)):

**Homework:**

- In your group me, elect a captain for our next class' Midterm prep: