

ENGL 105 – Unit 1

Writing in the Natural Sciences: Popular Health Article

Communities	Genres	Author Roles	Purposes	Audiences
-Natural Sciences -Medical Sciences (health/medical research, care, and practice) -Journalism -Mainstream reading public	Popular health article; also need knowledge of academic medical journal articles	Health or medical journalist	To ethically, accurately, and honestly report on a recent health or medical experimental study in a format that is accessible and engaging to general/non-expert audiences	Readers of a major online news publication (<i>The Washington Post</i> , <i>The LA Times</i> , etc.) interested in health or medical news; this will include non-expert audiences but could also include experts who read your work
Values/Expectations -Concern for health (own and others) -Clear, accessible language -Accurate reporting, analysis, and citations				

Overview

For this unit, you will compose a popular health article for a major news source of your choosing. Health and medical professionals are often asked to translate complex, jargon-heavy information to non-specialist audiences, including patients with varying literacy levels, advocacy groups, policy makers, drug company advertising executives, and more. This unit requires you to become an expert at reading and interpreting professional journal articles. You will attend to many different ethical concerns, including how to persuasively and honestly present visual data. We will use [*Health News Review*](#) as a guide for studying health and medical journalism.

As the first unit in our semester, this project will expose you to conducting secondary research on a topic related to health or medicine. You'll be exposed to the methods through which knowledge is disseminated throughout the Natural Sciences and how such information gets transmitted to non-expert audiences. During this unit, we will work with an instructional librarian from the [Undergraduate Library \(UL\)](#) at UNC who will introduce you to the various research resources at UNC, specifically the extensive databases the [UNC Libraries](#) provides.

This introductory unit also serves as a way to ease you all into ENGL 105. In later units, you will begin to conduct your own primary research and construct your own claims. This unit first allows you to prioritize secondary research, so you are comfortable collecting, evaluating, and integrating outside sources, translating other scholars' ideas before you begin to craft your own arguments.

Writers in the Natural Sciences use a variety of citation formats, including the American Medical Association (AMA), American Psychological Association (APA), Chicago citation style, and others. For all of our work in Unit 1, we will be using the [Council of Science Editors \(CSE\) 8th edition citation format](#). CSE uses a few different formatting options; we will be using [Name-Year format](#). Your primary source of information on CSE 8th edition Name-Year citation format should be the UNC Libraries. See the following pages:

- UNC Libraries: “[Why We Cite](#)”
- UNC Libraries: CSE/CBE 8th ed. Name-Year:
 - “[Sample References Page](#)”
 - “[In-Text Citations](#)”
 - “[Print Sources](#)”
 - “[Online Sources](#)”
- See also “**CSE Sample Passage and References List**” (Canvas>Files>Unit 1) for tips on creating in-text/parenthetical and bibliographic citations in this citation format.

Please note: The UNC Libraries [Citation Builder](#) will only create CSE citations in Citation-Sequence format and NOT Name-Year format. Anytime you use a citation builder, be sure to manually double-check what is generated against sample citations.

You may also find the following resources helpful for our work in this unit:

- *THWG* Ch. 2-1: “Writing in the Natural Sciences”
- The UNC Writing Center’s page on [writing in the sciences](#)

Feeder 1.1 is a Preliminary Research Worksheet, which will help you choose and narrow a topic and conduct preliminary research to become familiar with the ongoing conversation around your topic. Feeder 1.1 is worth 5% of your final course grade.

- Tues. Aug. 26: Brainstorm UP1 topics in class (Canvas discussion post)
- Mon. Sept. 1: Feeder 1.1 Rough Draft due by 11:59pm (Canvas discussion post)
- Wed. Sept. 3: Feeder 1.1 Final Draft due for a grade by 11:59pm (Canvas>Assignments)

Feeder 1.2 is an Article Proposal Worksheet. You will select one recent, peer-reviewed experiment or study which will be the focus of your popular health article. You will complete this proposal to your editor to get their approval for you to write your own popular health article about this recent study or experiment, answering a series of questions about the scholarly article you will be discussing. Feeder 1.2 is worth 5% of your final course grade.

- Mon. Sept. 8: Feeder 1.2 Rough Draft due by 11:59pm (Canvas discussion post)
- Wed. Sept. 10: Feeder 1.2 Final Draft due for a grade by 11:59pm (Canvas>Assignments)

Unit Project 1 is a Popular Health Article in which you will ethically and honestly report on the motivations, context, hypothesis, methods, and results of the study you discussed in Feeder 1.2 and in which you discuss the study’s larger implications. Unit Project 1 is worth 15% of your final course grade.

- Wed. Sept. 17: UP1 Rough Draft due by 11:59pm (Canvas discussion post)
- Mon. Sept. 22: UP1 Final Draft due for a grade by 11:59pm (post to the course website)

For more detailed instructions for each feeder and your unit project, including grading rubrics, etc., see below. Always remember to refer to the specific instructions and guidelines listed in this document, including grading rubrics, as well as any samples or models we discuss in class.

Feeder 1.1: Preliminary Research Worksheet (6 questions)

On Tues. Aug. 26, we will go over our introduction to the Natural Sciences, and we will look through this unit assignment prompt. On that day, in class, you will be asked to brainstorm, discuss, and (ideally) commit to your specific topic for this unit.

You'll need to conduct some secondary research on a few different health or medical topics. Specifically, you'll need to expose yourself to the current conversation around a single topic. In order to begin this process, your first feeder is a worksheet that works you through the research process and should assist you in narrowing a topic and becoming familiar with the current conversation that surrounds it.

The worksheet guidelines are on a separate document on Canvas (Files>Unit 1). The document is titled "Feeder 1.1 – Preliminary Research Worksheet" and consists of six questions. In class on Tues. Aug. 26, we will discuss the principles of writing in the natural sciences, and you will brainstorm and discuss potential topics for your unit project in class.

When brainstorming and choosing potential topics, remember that your ultimate goal is to find a recent (published from 2019-2025), scholarly, peer-reviewed scientific study on your topic (ideally an experimental study, although some observational studies might also work) and for you to "translate" that study so it is accessible to a non-expert audience. Many of your topics might include or lean towards Social Science issues; such conversations will serve you well when you discuss the larger implications of these studies, but the primary focus of this unit is to explore how research is conducted and communicated in the Natural Sciences. Be sure that your potential topics lend themselves toward eventually choosing a recent experimental study performed in the Natural Sciences that you can discuss as the focus of your popular health article.

A rough draft of your worksheet is due Mon. Sept. 1 by 11:59pm via the appropriate Canvas discussion board. This rough draft should be attached to your post as its own document. We will workshop this in class on Tues. Sept. 2. The file name for this document should be "[Your last name]_1.1 Rough Draft." This draft does not have to be entirely complete, but it should be as close to complete as possible for you to maximize the benefits from the workshop in class.

Based on your workshop experience, revise and complete your Feeder 1.1 in to a separate, final draft. This final draft of Feeder 1.1 is due for a grade on Wed. Sept. 3 by 11:59pm via the "Assignments" tab on Canvas. The file name for this document should be "[Your last name]_1.1 Final Draft."

Successful worksheets will:

- Display considerable investment in the revision process.
- Contain questions that are all answered in a complete and accurate manner.
- Contain secondary sources properly cited in CSE 8th edition, Name-Year format.
- Ultimately feature one selected, specific topic and specific peer-reviewed journal articles on that topic.
- Exhibit the student's overall awareness of the scholarly conversation currently taking place around this topic.

Grading Rubric for Feeder 1.1: Preliminary Research Worksheet

The final grade for Feeder 1.1 will be worth 5% of the student's final course grade.

	10	7	4	1
Question 1	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 2 (worth double: 20, 14, 8, or 2 points)	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 3	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 4	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 5	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 6	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Style	Worksheet features varied and sophisticated sentence structure and diction that is both engaging and accessible to a non-expert audience. Style changes when appropriate based on the specific questions.	Worksheet uses some repetitive diction, overly simplistic language or sentence structures but mostly maintains a professional and objective tone.	Worksheet occasionally lapses into overly casual, colloquial discourse or subjective claims. Writing appears erratic, and some sentences are hard to follow. Or the worksheet relies too much on scientific jargon and is not accessible to a non-expert audience when appropriate.	Major lapses into casual discourse or little attempt to maintain objectivity. Diction is highly repetitive, and syntax is confusing or highly inappropriate.
Citations (for Question 5)	A coherent citation system (CSE 8 th edition, name-year format) is used consistently throughout.	A citation system is systematically used with some lapses in providing required bibliographical information.	It is very difficult to tell if a single citation system has been adopted throughout.	No effort at citing sources accurately and consistently is made.

Grammar	Worksheet is free from typographical errors as well as spelling and grammar mistakes.	A few surface errors but none so consistent that they obscure the student-author's meaning.	Repeated surface errors.	No sign of editing or revision.
Total: /100				

Feeder 1.2: Article Proposal (7 questions)

Now that you have chosen and researched a specific topic, it's time to choose the specific journal article/study/experiment that will be the focus of your own popular health article. Ideally, your work on Feeder 1.1 exposed you to at least one peer-reviewed article describing a recent (no older than 2019) study or experiment related to your chosen medical or health topic. The ideal article for your project will be a recent experimental study, although some observational studies might also work for the purposes of this assignment.

When choosing the main study on which you will be reporting, a meta-analysis or literature review are not appropriate. Such sources might be useful as supplementary sources to provide you with further context or insight, but the main study you discuss should be one specific study that was conducted, not a list/review of multiple other studies. The authors of the article you choose should be the ones who did some kind of experiment or retrospective/observational study.

You will write a brief proposal to your editor to explain the study you are going to discuss in your own popular health article. This proposal is ultimately a set of seven questions you need to answer about the article you've chosen. See "Feeder 1.2 – Article Proposal Worksheet" on Canvas (Files>Unit 1).

A rough draft of your proposal is due Mon. Sept. 8 by 11:59pm via the appropriate Canvas discussion board. This rough draft should be attached to your post as its own document. We will workshop this draft in class on Tues. Sept. 9. The file name for this document should be "[Your last name]_1.2 Rough Draft." This draft does not have to be entirely complete, but it should be as close to complete as possible for you to maximize the benefits from the workshop in class.

Based on your workshop experience, revise and complete your Feeder 1.2 in to a separate, final draft. This final draft of Feeder 1.2 is due for a grade on Wed. Sept. 10 by 11:59pm via the "Assignments" tab on Canvas. The file name for this document should be "[Your last name]_1.2 Final Draft."

Successful drafts will:

- Display considerable investment in the revision process.
- Answer all questions in a complete and accurate manner.
- Properly cite any sources in in CSE 8th edition (Name-Year format).
- Contain responses centered around a specific, recent (published from 2019-2025), scholarly, peer-reviewed article that fits the parameters of the assignment.

- Exhibit the student's critical engagement with the material in the selected article that will be the focus of their work moving forward.

Grading Rubric for Feeder 1.2: Article Proposal

The final grade for Feeder 1.2 will be worth 5% of the student's final course grade.

	10	7	4	1
Question 1	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 2	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 3	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 4	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 5	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 6	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Question 7	Answered completely, accurately, and appropriately.	Some information is lacking or inaccurate.	The response is cursory at best and does not provide enough information for the reader to understand.	Little to no response to the question.
Style	Proposal features varied and sophisticated sentence structure and diction that is both engaging	Proposal uses some repetitive diction, overly simplistic language or sentence structures but mostly maintains a	Proposal occasionally lapses into overly casual, colloquial discourse or subjective claims. Writing appears erratic,	Major lapses into casual discourse or little attempt to maintain

	and accessible to a non-expert audience. Style changes when appropriate based on the specific questions.	professional and objective tone.	and some sentences are hard to follow. Or the proposal relies too much on scientific jargon and is not accessible to a non-expert audience when needed.	objectivity. Diction is highly repetitive, and syntax is confusing.
Citations	A coherent citation system (CSE 8 th edition, Name-Year format) is used consistently throughout; References list is complete and formatted accurately.	A citation system is systematically used with some lapses in providing required bibliographical information; References list does not include all sources cited in body of text.	It is very difficult to tell if a single citation style has been adopted throughout. Citations are erratic, and/or References list is incomplete.	No effort at citing sources accurately and consistently is made.
Grammar	Proposal is free from typographical errors as well as spelling and grammar mistakes.	A few surface errors but none so consistent that they obscure the student-author's meaning.	Repeated surface errors.	No sign of editing or revision.
Total: /100				

Unit Project 1: Popular Health Article (1,000-1,500 words)

You've become familiar with the scholarly conversation around a specific topic in the field of health or medicine. Then, you've selected and thought critically about a specific, recent, relevant study in that topic. Now it's time to compose a popular health article that is accurate, ethical, and appropriate for your specific audience and that reports the information about this study to your audience. Use the [Health News Review guidelines](#) to help you make choices about the kinds of information you want to include and how you choose to include it. Most of your content can be pulled from your Feeder 1.2, but you should be sure to revise that content based on my feedback.

Regarding your final draft, it will be highly unlikely for you to successfully communicate your content in less than 1,000 words, so your article should be at least 1,000 words long; however, your article can go beyond 1,500 words in length as long as you don't unreasonably exceed that length.

A rough draft of your article is due Wed. Sept. 17 by 11:59pm via the appropriate Canvas discussion board for us to workshop in class on Thurs. Sept. 18. The file name for this document should be "[Your last name]_UP1 Rough Draft." This draft does not have to be entirely complete, but it should be as close to complete as possible for you to maximize the benefits from the workshop in class.

Based on your workshop experience, revise and complete your article in to a separate, final draft. This final draft of your Unit Project is due for a grade on Mon. Sept. 22 by 11:59pm via the course website. This means you will need to take your final draft Word document and copy and paste it as a post on our course website. This will take time, but your completed draft must be published online by 11:59pm, so you should start this process early. Your

submissions are time-stamped, and once the deadline has passed, if you go back and revise, your article will be considered late.

Technical Info:

For technical information on how to access and log into the course website or how to compose, edit, and publish a post, etc., see the document “Instructions for Posting to the Course Website” on Canvas at Files>Course Website Resources.

- Do not alter any settings for the blog or any other webpage or the site in general.
- You are not required to have a Featured Image for your post, but if you embed any images, visuals, data visualizations, etc., they must be cited appropriately with in-text citations beside or immediately below the image and via full bibliographic citations in the bibliography at the end of your post.
 - See “How to Cite Images, Visuals, Data Visualizations, etc.” (Canvas>Files>Helpful Handouts and Resources) for how you should cite your Featured Image and any other images, data visualizations, etc. you include in your post.
- Your post should conclude with a CSE 8th edition name-year format References list. If those citations contain urls, activate those urls as hyperlinks for our website visitors.
- Add a few tags to your post, relevant to the content/genre of your post.
- Categorize your post as “Natural Sciences: Popular Health Articles,” selecting the specific section in which you are enrolled.
- Remember to hit “Publish” near the top-right corner when you’re done. After you publish/update your post, I suggest you view your post like any other online visitor to double-check one final time, just in case you need to go back and edit changes. Log out from our site and return to your post; make sure your content appears correctly.
- Your post must be complete and accessible by the assignment deadline.
- If you only want to share your post with members of our classroom community, password-protect your post (using the class password); if you only want to share your post with me, publish your post as “Private.”

Successful drafts will display considerable investment in the revision process and will be clearly focused on a specific and appropriate, recent (2019-2025), scholarly, peer-reviewed experimental or observational study in the medical or health profession. Your article should include:

- A descriptive title that engages an audience while also suggesting the overall content you’ll be discussing.
- The study’s research question, hypothesis, and/or what the study intended to discover.
- Sufficient background information for an outside audience to become familiar with the specific topic of study and how this study is important or unique (ideally using sources you found when completing Feeder 1.1 or other useful secondary sources).
- The methods of the study, provided in a manner that is chronological, written clearly, and describes the participants and materials.
- A critique of the study methods, briefly touching on whether the design is ethical, justified, and repeatable and why.
- The potential importance of the study and its larger implications.
- Any limitations or biases in the study, as either stated by the people who conducted the study or as identified and noted by you (this should include ways in which the study could be improved in the future).

- The next steps moving forward for those who conducted the study and/or others working in the field.
- Useful outside information from at least two other peer-reviewed relevant journal articles (properly cited).
- Figures and tables (optional) from the original article, all of which are appropriately numbered, labeled, placed, formatted, and cited.
- A complete References list in CSE 8th edition (Name-Year format) that cites all sources (including any images, data visualizations, etc.) appearing in your article.
- For a reminder of what your final post should look like and/or how it should be organized, see the [Example Post for UP1](#) on our course website.

Grading Rubric for Unit Project 1: Popular Health Article

The final grade for UP1 will be worth 15% of the student's final course grade.

	10	7	4	1
Introduction	Introduction clearly identifies the central, appropriate, recent, peer-reviewed study in the medical or health profession, along with a general sense of the study's findings and its significance. Introduction contains a logical progression of ideas.	Some information about the study's findings and significance is offered, but it is confusingly organized or summarized strangely.	Introduction is cursory at best and does not provide enough information for reader to understand the significance of the study at hand.	Article lacks introduction.
Body (worth double: 20, 14, 8, or 2 points)	Body includes well synthesized information drawn from sources. It explains the basic details of the study and addresses the topic's general importance by providing background info on the topic. It also explains at length the goals and methods of the study (including the study's research question and/or hypothesis) , the individuals involved, the findings and their importance/larger implications, and a critique of the study itself.	Body is lacking some detail or specificity. In a few instances, more evidence or detail is necessary to support its claims.	Body is significantly lacking in some way. Minimal or no evidence or information is provided to support claims.	Body contains almost no credible information drawn from scholarly sources; body is disorganized and confusing.
Paragraph Structure	Paragraphs contain an analytical topic sentence that makes one central claim or point and then provides evidence and analysis to support this claim. Each paragraph flows well.	Paragraphs are mostly well structured with a few slip-ups; some paragraphs either do not contain adequate flow, are missing a topic or ending	A few paragraphs attempt to do too much or do not advance one specific claim or point. Paragraphs do not contain	Paragraphs are highly unorganized and very difficult to follow; paragraphs do not advance any claim or point at all.

		sentence, or do not analyze their evidence.	logical flow of information.	
Integration of Sources	Sources are excellently paraphrased and summarized and are incorporated into the writing using signals or attributions. Quotations of specific phrases, word choice, etc. are used when appropriate. Student-author analyzes this material and offers their own perspective when appropriate.	Sources are mostly paraphrased and summarized well, as is the inclusion of quotations. Student-author makes some attempt to analyze this research.	Summaries and paraphrases are confusing, awkward, and do not flow well with the rest of the paragraph. Quotations are poorly integrated into the text and tend to be unnecessarily long with little comment/analysis.	Sources are pulled in as lengthy direct quotes, and almost no effort is made to paraphrase or summarize them. Student-author does not provide enough information for audience to understand the importance of this material and offers no analysis of their own.
Organization	Article is organized with a logical and explicit pattern.	Article is mostly well-organized, but some paragraphs seem out of order or repetitive.	Article is very confusingly organized and does not reflect an overall organizational pattern.	Article is organized so confusingly that it impedes the student-author's purpose.
Style	Article features varied and sophisticated sentence structure and diction that is both engaging and accessible to a non-expert audience.	Article uses some repetitive diction, overly simplistic language or sentence structures but mostly maintains a professional and objective tone.	Article occasionally lapses into overly casual, colloquial discourse or subjective claims. Writing appears erratic, and some sentences are hard to follow. Or the article relies too much on scientific jargon and is not accessible to a non-expert audience.	Major lapses into casual discourse or little attempt to maintain objectivity. Diction is highly repetitive, and syntax is confusing.
Conclusion	Conclusion suggests possible next steps for the researchers or for other organizations or entities, reminding the audience of larger implications by suggesting what will or could happen as a result of this study.	Conclusion makes some effort to point to broader implications of the topic and to potential next steps.	Conclusion mostly just repeats information already stated.	Conclusion is indistinguishable from introduction.

Citations	A coherent citation system (CSE 8 th edition, Name-Year format) is used consistently throughout; References list is complete and formatted accurately.	A citation system is systematically used with some lapses in providing required bibliographical information; References list does not include all sources cited in body of text.	It is very difficult to tell if a single citation style has been adopted throughout. Citations are erratic, and/or References list is incomplete.	No effort at citing sources accurately and consistently is made.
Grammar	Article is free from typographical errors as well as spelling and grammar mistakes.	A few surface errors but none so consistent that they obscure the student-author's meaning.	Repeated surface errors.	No sign of editing or revision.
Total: /100				

Feeder 1.1: Preliminary Research Worksheet

Directions: Please complete the following worksheet using complete sentences. In your final draft, you can include the questions or simply provide clearly numbered/labeled answers to each question. There are six questions total; don't overlook the second page of this document. As always, remember to refer to the specific instructions and grading rubric in the Unit 1 Assignment Prompt (Canvas>Files>Unit 1).

Note: You do NOT need to add a complete bibliography at the end of your submission for all sources you list in this worksheet. However, the questions that request bibliographic citations for secondary sources will be graded (in part) based on your use of complete and accurate citations within your response to those particular questions.

1. In class, you chose potential topics for your work in this unit. Narrow your selection down to one specific topic related to the medical sciences. Name the specific topic you've chosen and provide a brief bulleted list explaining what you find interesting about this topic. Briefly also add any concerns (if any) you have about reporting on this topic.
2. (Note that this question is worth double.) Now that you've chosen a single topic, do a Google web search on your topic. Read the first five articles/websites/sources that you find, and write a 3-5 sentence summary of each one. (Examples of specific topics might be "caramel color in soda," "local food products used at Rise Donuts Carrboro," etc., NOT something as broad as "breast cancer in young women.") Your summary of each source should answer the following questions:
 - a. Tell me the title of the source and give me a link, so I can visit it myself. You do NOT need to provide full citations for the sources that appear in your answer to this question.
 - b. What type of source is this? (Scholarly, popular, or hybrid? Explain your reasoning.)
 - c. What is the genre for this source? (Website? Blog post? Journal article? Book chapter? News article? Something else?)
 - d. What is the author(s)'s main argument and/or point?
 - e. Does this source seem "legitimate" to you? Why would you choose to accept or reject the credibility of this source? Or why might you be cautious regarding this source?
3. Revise your Google search by selecting the "News" button. Describe what seems to be the latest news, discoveries, findings, etc. about your topic in one solid paragraph. (A solid paragraph is a minimum of five sentences.)
4. Go to the UNC Libraries website homepage (<http://library.unc.edu/>) and use their databases to search for scholarly sources (primarily journal articles, but some books, book chapters, or even dissertations could be helpful) related to your chosen topic. (Note: At some point, you may need to log in with your UNC ONYEN and password.) Click through the first few pages of results.
 - a. What seems to be the most heavily cited sources on your topic? Adjust the timeline on the left so that your search limits to only include articles published from 2019 to 2025. Quickly peruse some of these articles. What journals seem to be publishing about this topic? What seems to be the latest findings? What subtopics/areas are scientists, doctors,

- health practitioners, etc. studying most? What types of sources are you finding (such as recently published books, articles, responses to other people's articles, etc.)?
- b. What ethical problems seem to arise when talking about this topic? What is particularly controversial about it?
 - c. Respond in 1-2 paragraphs, addressing most/all of the issues listed in this question.
5. You've completed broad preliminary research on your topic. Hopefully, that has helped you narrow your focus even more. Now write a short paragraph describing your more specific topic and provide CSE-style (8th edition, name-year format) bibliographic citations for two scholarly, peer-reviewed journal articles that discuss this topic. (Again, your best bet is to search via the UNC Libraries databases.) Both of the studies you include here should have been published no earlier than 2019. Ideally, one of these will be an experimental study (or maybe an observational study) that serves as the focus of your work moving forward. (Remember, the ultimate goal here is to learn about your topic and eventually—in your Unit Project—write a popular health article reporting on a single, recent study.)
6. **Now, let's think about how we might explain this information to different audiences:**
- a. If you were to talk about this topic with your roommate or a close friend, what would you say? Write a short sample paragraph of what you would say to this person. Literally, what exactly would you say?
 - b. If you were to write about this topic in an article for *Science Daily* (<http://www.sciencedaily.com/>), how would you explain it? (Note: This necessitates that you look at what *Science Daily* is, see who the audience is, see what kinds of articles and materials they are publishing, etc.). Write a short sample paragraph. (Hint: This will be more formal than your response to the preceding question; you'd be more formal in this context than if you were talking about this topic with a roommate or close friend.)

Feeder 1.2: Article Proposal Worksheet

Directions: Please complete the following worksheet using complete sentences (except for Question #1: a, b, and c). In your final draft, you can include the questions or simply provide clearly numbered/labeled answers to each question. There are seven questions total; don't overlook the second page of this document. As always, remember to refer to the specific instructions and grading rubric in the Unit 1 Assignment Prompt (Canvas>Files>Unit 1).

Now that you have chosen and researched a specific topic, it's time to choose the specific journal article/study/experiment that will be the focus of your own popular health article (the study on which you will be reporting). Ideally, your work on Feeder 1.1 exposed you to at least one scholarly, peer-reviewed article describing a recent (no older than 2019) study or experiment related to your chosen medical or health topic. The ideal article for your project will be a recent experimental study, although some observational studies might also work for the purposes of this assignment.

When choosing the main study on which you will be reporting, a meta-analysis or literature review are not appropriate. Such sources might be useful as supplementary sources to provide you with further context or insight, but the main study you discuss should be one specific study that was conducted, not a list/review of multiple other studies. The authors of the article you choose should be the ones who did some kind of experiment or retrospective/observational study.

That article should be the focus of your work moving forward, unless my feedback on Feeder 1.1 indicated otherwise, in which case you need to begin by finding a new article on which to focus.

Keep in mind also the insights or responses you included in F1.1 regarding the ongoing conversation around your topic. This proposal will lay the groundwork for the popular health article you eventually compose and submit for Unit Project 1.

1. Know and articulate the basic information about the main article you'll be discussing.
 - a. State the title of the peer-reviewed journal article, the year of its publication, the year(s) during which the actual study or experiment was conducted (you might have to speculate a bit here), the publication (the name of the journal, not the database) in which this article appears, and the names of all of the article's authors. Include also the affiliation of the authors and/or the study. (For example, are they researchers at X University or working for ABC Research Group, etc.?)
 - b. Provide a full, accurate CSE-style (8th edition, name-year format) bibliographic citation for this article.
 - c. In a phrase, what is the topic of this article?
 - d. Sum up the topic, hypothesis, and main point(s) or findings of this article in 2-5 sentences.
2. In your own words, summarize the methods of the experiment in a solid paragraph (at least five to seven sentences).

3. Were the people who conducted this study responding to prior research? (If so, cite those other studies here with appropriate in-text and bibliographic citations.) To earlier theories? To general trends in public concern/opinion? To specific current events? In a few sentences, explain what they were responding to with their research, addressing all of the above-mentioned possibilities. Another, more general, way to think about this question is: What's the context for their research? What prompted/motivated this study? What current gaps in knowledge or current needs motivated this study? (This is probably in the introduction or in the methods section of the article you're discussing. Consider also looking at the sources cited in the article you're discussing.)
4. In a paragraph, critique the study design (methods) overall. Did the authors admit limitations or flaws in their study? Are there ways the study could improve in the future? (This will involve looking at their methods section and discussion/conclusion section to see what the authors admitted; you might also need to add your own insights as well even if the authors didn't admit any or didn't admit the ones you noted. In your answer, clarify which flaws/limitations the authors/researchers state and which you noted independently.) Ultimately, is this study still valid and/or useful? Include a brief explanation in your response.
5. You will eventually compose a popular health article in which you report about this specific study. Why might your audience (the people who read your popular health article) find the information from this specific study **interesting or entertaining**? (Your answer should be at least three sentences.)
6. You will eventually compose a popular health article in which you report about this specific study. Why might your audience (the people who read your popular health article) find the information from this specific study **important**? What are the **larger implications** (larger take-aways) of this information? Why does this study **matter**? (Your answer should be at least three sentences.)
7. Think about the other sources you saw during your process of working on Feeder 1.1 so far. Is there any useful information you could integrate from those (or other) sources to make your potential popular health article more informative and/or interesting (i.e., other sources you could integrate into your popular health article)? Provide CSE-style bibliographic citations (CSE 8th edition, name-year format) for at least two other sources (preferably scholarly, peer-reviewed sources, but hybrid sources *might* work also) that might be helpful. For each citation, write 1-3 sentences explaining what those sources might offer to your overall discussion of this topic in your own popular health article. (Typically, these should provide useful background info or context for your own topic, but there are other ways to integrate these outside sources as well.) (Hint: Look at the sources cited in the main article you are discussing. Those sources might be a good place to start, but you should also do some other research on your own as well.)