

Does the Ozone Hole cause Global Warming?

The Question.	Does the Ozone Hole cause Global Warming?
Your Name / CWID.	
Your Lab Day.	
Background / Task.	<p>Many people believe that the ozone hole causes global warming – but is that actually correct? In other words: what are the direct and indirect connections between the ozone and global warming?</p> <p>Here you get to explore these connections and present your findings to no other than the President of the United States as a professional briefing paper.</p>
Purpose.	<p>After completing this lab project you will be able to:</p> <ul style="list-style-type: none">● conduct academic research using the library and online sources.● prepare a professional briefing paper to answer a specific question.● include relevant figures and photographs using proper formalities.● prepare a professional annotated bibliography.
Deliverables.	As detailed on Page 2.
Due Date and Time.	As arranged.
Questions?	<p>I'm happy to clarify this lab project and my expectations as needed. Please contact me for additional help and support at cbraun@westfield.ma.edu, chat with me after class, or swing-by my office anytime!</p>

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If you are unsure about how to deal with figures or how to compile and format a professional annotated bibliography please check the resources provided and ask me for help!

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Congratulations! It is 2021, you graduated from Westfield State University, and you landed a job as the Director of the [White House Office of Science and Technology Policy](#). This office advises the President on the effects of science and technology on domestic and international affairs, making you, as its director, the chief scientific advisor to the U.S. President – cool!

The President asks you a simple question: *Does the ozone hole cause global warming?*

You have to prepare a short briefing paper for the President who is a picky reader and demands his briefings in a specific 6-page format:

- | | |
|-----------|---|
| Page 1 | Title Page. |
| Page 2 | The answer in 250 words or less. |
| Page 3 | A useful figure to illustrate and explain the issue. |
| Page 4 | A second useful figure to further illustrate and explain the issue. |
| Page 5, 6 | Annotated bibliography of at least five reliable sources for further study. |

Your briefing paper has to be obviously professional and well-written – afterall it is for the President. Think of it as a writing sample to show to a potential employer at a job or internship interview. The President is also a stickler for formatting and layout details:

- Use 1 inch margins, Times Roman 11, 1.5 line spacing.
- Include page numbers on every page.
- Attention to detail: please proof-read your work.

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You do not have to be a great writer to write well - just follow some basic rules, use some helpful tips, and be professional and prepared. [Helpful Tips!](#)

Remember the 4 Cs of Scientific Writing or Speaking: Correct, Clear, Concise, Coherent.

- Write for a specific audience – here the President of the United States.
- Assume that your audience is not as knowledgeable as you are.
- Provide clear and specific examples to illustrate your points and arguments.
- Explain the limitations of your analysis.
- Discuss alternative explanations and viewpoints (even if they disagree with your analysis, interpretations, or conclusions).

Figures. Figures are useful for organizing and illustrating an argument or explanation: find a few useful figures and organize your argument, paragraph, or entire paper around them. [Helpful Tips!](#)

- Every figure needs a figure number, a figure caption, and the figure source.
- Figures in scientific writing are numbered sequentially: Figure 1, Figure 2, etc.
- The figure caption is an explanation to make the figure understandable without reading the paper. A useful figure caption is usually about 3 to 4 sentences long.
- The figure or photograph source is required to avoid plagiarism - always include the complete and specific website address or URL.
- Figures are referenced in the text in order to support your argument.

Annotated Bibliography. An annotated bibliography is a list of citations to books, articles, websites, etc. Each citation is followed by a brief (about 150 words) descriptive and evaluative paragraph = the annotation. The annotation informs the reader of the relevance, accuracy, and quality of the sources cited.

- The annotation should give the reader enough information about the source so he/she can evaluate its usefulness before actually reading the source.
- Focus on reliable and general sources (e.g. EPA, NASA, UCIS) as opposed to detailed and specific scientific papers.
- [Helpful Tips!](#) and [More Helpful Tips!](#)

The Reading and Writing Center (RWC). The RWC is dedicated to supporting and encouraging all students as they write to communicate their ideas and to discover new ones. Acting as an engaged audience, the RWC staff assists writers on any type of project, in any major, at any stage of the writing process. To make a FREE appointment and to learn more about the RWC's services, including drop-in hours at Ely Library and workshops on a variety of topics, visit the website (<http://www.westfield.ma.edu/reading>), stop by Parenzo Hall, room 218, or call 413-572-5569.

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Grading Table.

Criteria	Comments	Max Points	Your Points
Is the answer: <ul style="list-style-type: none">• correct?• presented in a logical and coherent manner?• include relevant information?		20	
Is the briefing: <ul style="list-style-type: none">• prepared according to the organization and layout instructions?• professional and well-written?		20	
Are the figures: <ul style="list-style-type: none">• useful and relevant?• properly-formatted with all required figure elements?• Referenced in the text?		20	
Does the annotated bibliography: <ul style="list-style-type: none">• include reliable and relevant sources?• include useful annotations?		20	
Overall impression: <ul style="list-style-type: none">• Attention to detail.• Effort and creativity.• Library Lab attendance		20	
Name:			