

Prompt: Research Review Article

Introduction:

Scientific journals often solicit review articles from experts in particular fields. Written for a broad yet scientific audience, such reviews report the findings of studies on a specific, contemporary subject of interest.

Scenario:

Imagine that in the future, you are first year assistants in a lab using your earned degrees. Your principal investigator (or employer) is preparing to publish a journal article about your lab's work. She wants help writing a background section, so she asks you and your colleagues to write a research review article summarizing recent findings in your research area. After researching appropriate, peer-reviewed sources, you will summarize and synthesize the latest research on a contemporary research subject.

Prompt: With a team of three or four students, write an eight- to ten-page, double-spaced review article about one of the contemporary research subjects below.

- ❖ Addiction OR new addiction treatments
- ❖ Fracking and seismic activity
- ❖ New depression prevention strategies
- ❖ New inflammation treatments
- ❖ Gut/Brain microbiome connection
- ❖ Desalinization
- ❖ Antibiotic resistance/developments
- ❖ New vaccine acceptance strategies
- ❖ Gentrification's impacts on urban populations
- ❖ Coral Bleaching
- ❖ "Planet X"

Due Dates:

Annotated Bibliography & Research Question	Electronic Drafts of Research Review and Presentation Slides for Peer Review	Presentation Slides	In-Class Presentations	Final Research Review Article
March 16	April 6 & 8, respectively	April 13	April 13 and 15	April 15

Objectives: In your review, show me you can . . .

1. Analyze and address your review's audience and purpose (SLO 1).
2. Find, select, and cite peer-reviewed sources in your review (SLO 2).
3. Summarize, paraphrase, and synthesize the sources you find (SLO 3).
4. Organize these sources into logical groupings with topical or functional headings (SLO 4).
5. Employ a scientific writing style and design (SLO 5).
6. Collaborate with your peers to find and share relevant sources and to improve each other's writing through peer review (SLO 6).

Research Requirements:

- You collaborative review must cite at least ten peer-reviewed studies from scientific journals.
- Your review's format and citations must conform to the guidelines provided by a journal of your choice (include these as a hyperlink with your review).