

Internal Assessment Background Research

Before completing this task:

Be sure your project has been approved .. If you do not have an approved project, you must first have a discussion with Ms. Whitehead or Dr. Patke with a new project problem question proposal.

You should do some background research from reliable, scientific resources. You are expected to include scholarly research resources; writing based on original research or experimentation. Scholarly research is usually published in research journals and is highly respected because the writing had to be peer-reviewed by experts in the same field before publication. Some possible free, open access resources are:

- [PLOS Biology](#)
- [Directory of Open Access Journals](#)
- [Google Scholar](#)
- [InfoMine](#) • [Infotopia](#)
- [Medscape Reference](#)
- [National Science Digital Library](#)
- [Public Library of Science](#)
- [Science Direct](#)
- [Wiley Online Library](#)
- [OAlster](#)
- [WorldCat](#)

1. **Problem Question:** *Write your problem question*

2. **Background Information and Works Cited:**

Complete the table below with summary of information for each of the items to research. For each item to research, find at least two sources of relevant information. Reference at least five different sources total. Google Drive has a very good citation extension

<p>Item to Research (bullets are ideas, not specific requirements)</p>	<p>Summary of Information Paraphrase and use citations avoiding plagiarism</p>	<p>Works Cited List (APA documentation)</p>
<p>Biological process being investigated</p> <ul style="list-style-type: none"> • What is the process? • Where does it occur? 		

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<ul style="list-style-type: none"> • When does it occur? • Why does it occur? • How does it occur? 		
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<p>Type of organism;molecule; biological process being studied.</p> <ul style="list-style-type: none"> • Its scientific name • Its structure • Its function • Its handling / care/ safety / ethics • 		
<p>Manipulated Variable (or correlation variable #1)</p> <ul style="list-style-type: none"> • Its structure • Its function • How it can safely and ethically be manipulated 		
<p>Responding Variable (or correlation variable #2)</p> <ul style="list-style-type: none"> • Its structure • Its function • How it can best be measured, recorded and observed 		
<p>Expectations</p> <ul style="list-style-type: none"> • What is already known about the relationship between the manipulated and responding variables? • What have other similar investigations found? 		
<p>Techniques</p> <ul style="list-style-type: none"> • How has this topic been studied in the past? • How did investigators gather their findings? 		

What's Next? Assignment #3

The next task will be to propose your methods and techniques, acquiring materials and beginning data collection. To be posted soon.