**Open Quick Links**

[Quick Links](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset)

Page Landmarks

Content Outline

Keyboard Shortcuts

[Logout](https://lewisuniversity.blackboard.com/webapps/login/?action=logout)

Global Menu

[[](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset#global-nav-flyout)Janis CoronaActivity Updates[Expand Global Nav](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset)](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset#global-nav-flyout)

* [Home](http://www.lewisu.edu)
* [Help](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset)

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| [Lewis University Home Page](http://www.lewisu.edu/)  **Top Frame Tabs**   |  |  | | --- | --- | | [My Lewis University Tab 1 of 2 (active tab)](https://lewisuniversity.blackboard.com/webapps/portal/execute/tabs/tabAction?tab_tab_group_id=_574_1) | [Students Tab 2 of 2](https://lewisuniversity.blackboard.com/webapps/portal/execute/tabs/tabAction?tab_tab_group_id=_541_1) | |

**Current Location**



1. [**SU19-BIOL-59000-001 Data Science Project:Life Sci**](https://lewisuniversity.blackboard.com/webapps/blackboard/execute/courseMain?course_id=_173626_1)

**[Course-to-Course Navigation](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset#contextMenu)**

1. **Week 6**

[Hide Course Menu](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset)



**Menu Management Options**

* [Refresh](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset)
* [Display Course Menu in a Window](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset)

**Course Menu:**

[**SU19-BIOL-59000-001 (Data Science Project:Life Sci)**](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset)

**[Course Entry Page](https://lewisuniversity.blackboard.com/webapps/blackboard/execute/courseMain?course_id=_173626_1)**

* [Announcements](https://lewisuniversity.blackboard.com/webapps/blackboard/content/launchLink.jsp?course_id=_173626_1&tool_id=_132_1&tool_type=TOOL&mode=view&mode=reset)
* [Start Here](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582972_1&mode=reset)
* [Syllabus](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582973_1&mode=reset)
* [Week 1](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582974_1&mode=reset)
* [Week 2](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582975_1&mode=reset)
* [Week 3](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582976_1&mode=reset)
* [Week 4](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582977_1&mode=reset)
* [Week 5](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582978_1&mode=reset)
* [Week 6](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset)
* [Week 7](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582980_1&mode=reset)
* [Week 8](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582981_1&mode=reset)
* [Discussions](https://lewisuniversity.blackboard.com/webapps/blackboard/content/launchLink.jsp?course_id=_173626_1&tool_id=_137_1&tool_type=TOOL&mode=view&mode=reset)
* [Question Lounge](https://lewisuniversity.blackboard.com/webapps/blackboard/content/launchLink.jsp?course_id=_173626_1&toc_id=_1781257_1&mode=view&mode=reset)
* [Student Lounge](https://lewisuniversity.blackboard.com/webapps/blackboard/content/launchLink.jsp?course_id=_173626_1&toc_id=_1781258_1&mode=view&mode=reset)
* [Contact Your Instructor](https://lewisuniversity.blackboard.com/webapps/blackboard/content/launchLink.jsp?course_id=_173626_1&tool_id=_180_1&tool_type=TOOL&mode=view&mode=reset)
* [Contact Your Advisor](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582982_1&mode=reset)
* [My Grades](https://lewisuniversity.blackboard.com/webapps/blackboard/content/launchLink.jsp?course_id=_173626_1&tool_id=_195_1&tool_type=TOOL&mode=view&mode=reset)
* [Blackboard Help](http://cs.lewisu.edu/cats/bb-student.php)
* [Student Help](https://docs.google.com/document/d/1apPN5avRsTZ4TL7EL_wEczs8vFd_uyrwts-dfIgkOgg/edit)

Week 6

Top of Form



Bottom of Form

**Content**



**https://lewisuniversity.blackboard.com/images/ci/icons/generic_updown.gifWeek 6 - Preparation of Oral Presentation**

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**Lesson Introduction**

As you await feedback on your submitted draft, the focus of your work this week should be on preparation for your oral presentation. Taking the outline created during Week 5, begin constructing a PowerPoint file to convey the key aspects of your research project. Reflect upon strengths and weaknesses encountered during the presentation you gave during BIOL 51200, using these observations to build a successful presentation of your capstone project. During the design of your PowerPoint file, keep in mind the following tips and expectations:

* + Slide Format:
    - Select a design theme that is simple, not distracting
    - Minimize the amount of text on slides
    - Make figures/images as large as possible
    - Give credit where credit is due (report publications as “Author, et al. (Year) *Journal Name*”)
  + Background Information:
    - Make sure to provide adequate information to bring the audience “up to speed”
    - Visual diagrams/representations of information tend to be more easily digested than excessive text
  + Objective and Methodology
    - Clearly describe the rationale of your project and justify the unique contribution you are making to the field
    - Convey the approach you have applied in order complete your project (and provide a rationale for why this is different from previous approaches/how this is “better” than another way to address the problem)
  + Outcomes
    - Each project will be different, and so there is not a single approach to sharing the results of your project; select appropriate ways to convey your observations/results
    - Tables and figures should be clearly labeled
    - Display of information should be able to clearly convey your work, without amending with extensive text descriptions (emphasize visuals over words)
  + Conclusions
    - Summarize the main observations taken from your research, and integrate this information with the existing literature
    - What are pitfalls and/or limitations of your project?
    - What are implications?
    - What’s next?

Once you have received comments on your draft, begin editing and revising your work as necessary. Don’t forget to use the resources at your disposal:

* + Discuss the progress of your work with the instructor via email, phone or Collaborate
  + Utilize the Library and Writing Center
  + Consider discussing your progress with your classmates.

**Lesson Objectives:** At the end of this lesson students will be able to:

* + Incorporate information from the literature to contextualize the focus of their individual research project.
  + Summarize methodology and key findings generated in the course of their research project.
  + Revise and edit the written communication of their project, using feedback from the instructor.

**https://lewisuniversity.blackboard.com/images/ci/icons/generic_updown.gifReading(s) and Media**

Readings:

* + [Format Guide for Final Written Report](https://lewisuniversity.blackboard.com/bbcswebdav/pid-3583014-dt-content-rid-33129177_1/xid-33129177_1) [Click for more options](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582979_1&mode=reset#contextMenu)

Media:

* + [Research Guide](http://lewisu.libguides.com/bioinformatics) on Library Website
  + [Lewis University Writing Center](https://lewisuwritingcenter.wordpress.com/)
  + [Open Collaborate Session Room](https://us.bbcollab.com/guest/353dbf0d11c14b3cbfbed821203bef45) - For student use to discuss progress with peers.
  + [“Office Hour”](https://us.bbcollab.com/guest/a6f713128a19494699f54ab52cd666c1)[Collaborate Session Room](https://us.bbcollab.com/guest/a6f713128a19494699f54ab52cd666c1) - For meeting with Instructor on Wednesdays 3-4pm
  + [Question Lounge](https://lewisuniversity.blackboard.com/webapps/blackboard/content/launchLink.jsp?course_id=_152012_1&toc_id=_1518841_1&mode=cpview&mode=reset)
  + [Student Lounge](https://lewisuniversity.blackboard.com/webapps/blackboard/content/launchLink.jsp?course_id=_152012_1&toc_id=_1518842_1&mode=cpview&mode=reset)

**https://lewisuniversity.blackboard.com/images/ci/icons/generic_updown.gif**[**Week 6 Course Project - Oral Presentation: PowerPoint Slides**](https://lewisuniversity.blackboard.com/webapps/assignment/uploadAssignment?content_id=_3583015_1&course_id=_173626_1&group_id=&mode=view)

*Please click on the link above to submit this week's assignment.*

In this assignment you must upload your slide deck (provided as a PowerPoint file) which will serve as the basis for your oral presentation of your individual research project. Slides need to incorporate:

* + A title slide to make clear the title of your project, your name and ultimately the date of your presentation (use a placeholder if the date is not yet finalized)
  + An introduction to the background information necessary for understanding your research project (giving context for the work in a larger field of research)
    - Sources used for this section should be reported on a final reference slide
    - Any images used should be properly attributed directly on the slide, and also reported on the reference slide
  + A clear statement of the aim/goal/objective of the research you have undertaken
  + At least one slide per data panel you have generated, which may include:
    - Tables
    - Figures that summarize methodology
    - Figures that report outcomes  
      Note: You will need to explain the method(s) used to complete your project. Depending on how you organize your presentation, this may be reported separately from slides containing data, or may be explained concurrently with data slides.
  + Conclusions, implications and next steps
    - Summarize key findings from your project
    - Discuss pitfalls and/or limitations of your work
    - Explain implications of the work
    - Suggest future work that can be completed based on your findings

Assignment Requirements:

* + This assignment is due Week 6 Sunday, 11:59pm.
  + Assignment file must have a .ppt or .pptx extension
  + Points for this assignment = 20 (See the View Rubric button when you click on the assignment for grading criteria.)

**https://lewisuniversity.blackboard.com/images/ci/icons/generic_updown.gifNeed Help?**

**Personal Support Center, call toll-free, 24/7: 1-866-967-7048**[lewis@personalsupportcenter.com](mailto:lewis@personalsupportcenter.com)