[Format Guide for Final Written Report](https://lewisuniversity.blackboard.com/bbcswebdav/pid-3582998-dt-content-rid-33129177_1/xid-33129177_1):

<https://lewisuniversity.blackboard.com/bbcswebdav/pid-3582998-dt-content-rid-33129177_1/xid-33129177_1>

# Open Quick Links

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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=_3582978_1&mode=reset#global-nav-flyout)Janis CoronaActivity Updates**2**[Expand Global Nav](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582978_1&mode=reset)](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582978_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=_3582978_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=_3582978_1&mode=reset#contextMenu)**

1. **Week 5**

[Hide Course Menu](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582978_1&mode=reset)



## Menu Management Options

* [Refresh](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582978_1&mode=reset)
* [Display Course Menu in a Window](https://lewisuniversity.blackboard.com/webapps/blackboard/content/listContent.jsp?course_id=_173626_1&content_id=_3582978_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=_3582978_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 5

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## Content



### https://lewisuniversity.blackboard.com/images/ci/icons/generic_updown.gifWeek 5 - Submission of Report Draft and Preparation of Oral Presentation

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**Lesson Introduction**

This week you will need to submit a completed draft of your written documentation of your project. At this time, it is necessary to submit a version of your work representative of your “final” product; once you have received feedback from the instructor, you will have the opportunity to revise your paper and strengthen the presentation of your information taking these comments into account, but you should not plan on completing sections of the work after submitting the draft. The evaluation of this draft will also consider whether the content has been formatted according to the expectations of the assignment, as described in the provided Format Guide. For additional clarification regarding the expectations of this draft, please review the assignment rubric prior to submitting your work.

Additionally, this week you should begin preparing for the oral presentation of your project. For the oral presentation, you will need to create a PowerPoint presentation to help convey the major concepts from your project. During Week 7, you will then need to deliver a live presentation using your PowerPoint slide deck (on a date and at a time that can accommodate the student as well as both faculty members). The presentation should last 40-45 minutes, and then will be followed by 15-20 minutes of questions. Although the presentation should be representative of your entire project, due to the time limitation, you will not be able to extensively cover all aspects of your research during this talk. Consider the most salient and representative aspects that will need to be included in the oral presentation. For this week’s second assignment, prepare an outline of the content that will be covered in your talk.

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

* 1. Integrate sources from the literature with their original contribution to the discipline.
  2. Present their research in a composition style and format consistent with publication standards.
  3. Organize the key background and research materials necessary for oral presentation.

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

Readings:

* 1. [Format Guide for Final Written Report](https://lewisuniversity.blackboard.com/bbcswebdav/pid-3582998-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=_3582978_1&mode=reset#contextMenu)

Media:

* 1. [Research Guide](http://lewisu.libguides.com/bioinformatics) on Library Website
  2. [Lewis University Writing Center](https://lewisuwritingcenter.wordpress.com/)
  3. [Open Collaborate Session Room](https://us.bbcollab.com/guest/353dbf0d11c14b3cbfbed821203bef45) - For student use to discuss progress with peers
  4. ["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
  5. [Question Lounge](https://lewisuniversity.blackboard.com/webapps/blackboard/content/launchLink.jsp?course_id=_152012_1&toc_id=_1518841_1&mode=cpview&mode=reset)
  6. [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.gifWeek 5 Turnitin Written Assignment - Rough Draft of Written Report

The draft of the written report should be representative of your completed written project, including all the required sections as detailed in the provided Format Guide. It will be given a close read for organization, flow, overall content development, evaluation of the literature, explanation of methodology, unique contribution to the field, and clarity of presentation, in addition to adherence to format guidelines.

The written report of this research project will ultimately be unique for each student, but needs to be reported in a consistent format. Extensive details about formatting expectations are given in the Format Guide. In summary, the report should include the following major components:

* 1. An abstract which addresses the following:
     1. Statement of the research problem (including the objective(s) of the study)
     2. Methods (brief overview)
     3. Results (brief summary)
     4. Conclusions (including major findings of the project, interpretation of outcomes, basic implications)
  2. An introduction - This will provide background and reviews the current literature. Also state the purpose of the study and research objectives.
  3. Methods/Procedure - Explain the methodology used in the research project, indicating novel approaches as well as use of procedures initially proposed by others
  4. Results - Report outcomes of method/procedure, providing data in tables/figures as appropriate.
  5. Discussion/Conclusions - Discuss interpretation of results in the context of the larger literature, summarize the outcome(s) of the project, propose future work that could be performed as an extension of this project
  6. Literature cited - Provide a comprehensive list of all sources cited throughout the body of the paper

Assignment Requirements:

* 1. This assignment is due Week 5 Sunday, 11:59pm.
  2. APA formatting is required for in text citations and reporting of references
  3. This assignment can be submitted as .doc/.docx or .pdf, but it is strongly recommended that you submit your file as a PDF to make sure all formatting is preserved.
  4. Submission of this work through the Turnitin analysis software will check your writing for originality. All information derived from other sources must be paraphrased and appropriately cited. Plagiarism will not be tolerated.
  5. Points for this assignment = 45 (See the Grading Rubric listed in Syllabus.)
* Turnitin Assignment

### https://lewisuniversity.blackboard.com/images/ci/icons/generic_updown.gifWeek 5 Turnitin Written Assignment - Rough Draft of Written Report

Please submit Week 5 Rough Draft of Written Report here.   
>>  [View/Complete](https://lewisuniversity.blackboard.com/webapps/turn-plgnhndl-bb_bb60/links/submit.jsp?course_id=_173626_1&content_id=_3583000_1&tii_assign_id=80309120&orig_id=_3583000_1)

### https://lewisuniversity.blackboard.com/images/ci/icons/generic_updown.gif[Week 5 Course Project - Outline of Oral Presentation](https://lewisuniversity.blackboard.com/webapps/assignment/uploadAssignment?content_id=_3583001_1&course_id=_173626_1&group_id=&mode=view)

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

Although the oral presentation of your project should be representative of your entire project, you likely will not be able to discuss extensively all the work included in your written paper in the time allotted for your oral presentation (40-45 minutes prepared, with corresponding PowerPoint slides, followed by 15-20 minutes for questions). Create a detailed outline to organize and report the flow of information that will be incorporated into your oral presentation. Remember, your final presentation will need to include:

* 1. Title slide
  2. Appropriate background information
  3. Statement of aims/goals/objectives
  4. Explanation of methods used
  5. Display of data
  6. Conclusions/implications
  7. Reference slide

Assignment Requirements:

* 1. This assignment is due Week 5 Sunday, 11:59pm.
  2. Assignment file must have a .doc or .docx extension
  3. Points for this assignment = 5 (Graded based on successful submission of outline displaying thoughtfulness and organization.)

### 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)