

Module 6: Overview

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Module Overview

In this module you will be presenting the work you have done in a scientific paper. You will use your assignments and progress reports to write a paper that includes an abstract, methods, results, and discussion. The learning materials presented here will guide you through concepts needed for these sections of your paper so that we maximize description of results and interpretation and minimize wasted time and writer's block. While you can find lots of opinions on the best way to write a scientific paper, the order we are presenting in these sections definitely works so we encourage you to write the parts of your paper as you go in the order we describe them in this module. Always takes longer than you expect so try to work on it bit by bit instead of leaving it until the last minute.

Module Learning Objectives

6.1 Biology/Stats (3 hours)

1. Summarize, interpret, and present findings in a research paper

6.2 Coding (30 min)

1. Describe the what is needed to reproduce your results

6.3 Research/Professional development (30 min)

1. Write a draft scientific paper
2. Describe ethics of data sharing
3. Describe ethics of code sharing
4. Learn how authorship is decided for a publication