

Module 6: Introduction

Module 6



Overview

In this module you will be presenting the work you have done in a mini scientific paper. Your mini papers will be used to put together a manuscript that we would like to submit for publication. Your assignment will be 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 mini-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.

Learning Objectives

By the end of this module, you'll be able to:

6.1 Biology/Stats (3 hours)

1. Summarize, interpret, and present findings in a mini 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