

Biochemistry Major Research Report

Updated June 2015

Biochemistry majors who use their year of undergraduate research in place of the Advanced Lab requirement are required to turn in a written research report. The report should describe the question the research was intended to address, the approach taken to answer it, the results obtained, any conclusions, and a few comments about what the next questions might be.

Research reports are due by the end of WEEK 6 of the spring term of your senior year (or the term in which you are graduating). The report should be 8-15 TYPED pages in length and single spaced. A hard copy of the report that has been reviewed and signed by your research advisor should be turned in to the mailbox for Ken Prehoda (Biochemistry Division Spokesperson) at the UO Chemistry and Biochemistry office. **Students for whom their undergraduate research effort has resulted in a peer-reviewed research article (on which they are a co-author) may submit a pdf file of their publication in lieu of a written report.**

TITLE PAGE

A short, descriptive title of your undergraduate research project.

Your name, the name of the lab in which you did your research.

Signature line: Faculty research mentor's name, department, date, signature indicating that your faculty research mentor has read your report.

ABSTRACT

A short summary of your research project and conclusions. Maximum of 250 words.

INTRODUCTION

A brief introduction that provides the background for understanding the work that was conducted. One to two pages should be adequate.

RESULTS

Describe the results you obtained in your research, supported by a few figures, but not too extensive. Figures should be inserted in the text with brief figure legends. Five to ten pages is sufficient.

DISCUSSION

Briefly discuss your results, and indicate in one or two additional paragraphs the directions the research could take in the future. One to three pages should be adequate.

REFERENCES

Limit your list of references to just those that are particularly important to your project. One page or at most two pages of references.