**SAMPLE THESIS TITLE WITH A CONCISE AND ACCURATE DESCRIPTION THAT INCLUDES KEY WORDS AND AVOIDS USING SCIENTIFIC FORMULAS**

by

Hannah Jane McSorley

B.Sc., Vancouver Island University, 2015

A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF

THE REQUIREMENTS FOR THE DEGREE OF

MASTER OF SCIENCE

in

THE FACULTY OF GRADUATE AND POSTDOCTORAL STUDIES

(Program Name: Do not put the words “Faculty”, “Department”, “Institute”, “School”, “Centre”, or “Program”, or anything else before or after the program name)

THE UNIVERSITY OF BRITISH COLUMBIA

(Vancouver)

April 2020

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**Additional Supervisory Committee Members:**

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# Abstract

This is the Abstract.

The abstract is a concise and accurate summary of the research contained in the thesis. It states the problem, the methods of investigation, and the general conclusions, and should not contain tables, graphs or illustrations. It **must not** exceed 350 words, and should contain relevant keywords that will make your thesis more likely to be found in an electronic search. **Do not** put a separate list of keywords. There must be a single abstract for the entire thesis.

# Lay Summary

This is the Lay Summary, required for all theses since May 2017. It **must not** exceed 150 words.

The lay summary will explain the key goals and contributions of the scholarly work in terms that can be readily understood by the general public. It is common for research ethics boards and funding agencies to require abstracts that are accessible for the lay public. University scholars must be able to communicate effectively with the communities they serve and to demonstrate the relevance of their scholarship to the public good. The lay summary provides an educational and developmental opportunity for students to see their work as part of the greater knowledge of the broader community.

# Preface

This is the Preface. As of May 2013, **all** theses and dissertations are **required** to have a preface, which appears immediately after the Abstract and before the Table of Contents. The preface **must** include a statement indicating your contribution to the following:

* Identification and design of the research program,
* Performance of various parts of the research, and
* Analysis of the research data.

In addition, if any part of your research was partly or wholly published in articles, was part of a collaboration, or required the approval of one or more of UBC’s Research Ethics Boards, you must include that information in your preface as well. This information would be included as follows:

* A statement indicating the relative contributions of all collaborators and co-authors of publications (if any), emphasizing details of your contribution and stating the proportion of research and writing conducted by you
* A list of any publications arising from work presented in the thesis, and the chapter(s) in which the work is located. **Do not** include the actual publications at any point in your thesis.
* The name of the particular UBC Research Ethics Board, and the Certificate Number(s) of the Ethics Certificate(s) obtained, if ethics approval was required for the research. **Do not** include the actual Ethics Certificate(s) at any point in your thesis. If you are not sure if your research requires ethics approval, please contact the [Office of Research Services](http://www.ors.ubc.ca/home) as early in your research process as possible.

Examples of statements regarding collaborations or lists of publications arising from the research:

Chapter 2 is based on work conducted in UBC’s Maple Syrup Laboratory by Dr. A. Apple, Professor B. Boat, and [student’s name]. I was responsible for tapping the trees in forests X and Z, conducted and/or supervised all boiling operations, and performed frequent quality control tests on the product.

or

A version of chapter 3 has been published. [Student’s name], Apple, A. and Boat. B. (2010) Frequency of Quality Testing in Syrup Creation. Maple Science J. 255:139-144. I conducted all the testing and wrote most of the manuscript. The section on “Testing Implements” was originally drafted by Boat, B.

If your research did not require ethics approval, was conducted as part of a collaboration, was not previously published in whole or in part, and was designed, carried out, and analyzed by you alone, your preface may be very short. The contents of the preface must be verified by your supervisor. Please note that preface requirements may change over time; please check the [Faculty of Graduate Studies website](http://www.grad.ubc.ca/current-students/dissertation-thesis-preparation) to ensure that you are following the most current requirements.

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# List of Tables

This is the List of Tables. This must be included if you have any tables in your thesis. If you do not have any tables in your thesis, you should delete this page. If you have taken any tables from other sources, please contact the [Copyright Office](http://copyright.ubc.ca/) as early in your writing process as possible.

Tables must be numbered consecutively. They can be numbered with the chapter number or with no reference to the chapter number. You **must** use the same numbering system for tables, figures, illustrations, etc. Avoid mixing numbering systems.

Your table captions should either be consistently in sentence case (i.e., only the first letter of the caption and any proper nouns are capitalized) or consistently in title case (i.e., most words in the caption are capitalized, with the general exception of prepositions, conjunctions and articles).

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# List of Figures

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# List of Symbols

If you are using specialized symbols in your thesis, list them here. Lists of symbols, lists of abbreviations, glossaries, etc., may go in any order you wish, so long as they appear after the Lists of Tables and/or Figures and before the Acknowledgements. If you do not have any specialized symbols in your thesis and do not need a list of them, you should delete this page.

# List of Abbreviations

If you are using abbreviations in your thesis, list them here. Lists of symbols, lists of abbreviations, glossaries, etc., may go in any order you wish, so long as they appear after the Lists of Tables and/or Figures and before the Acknowledgements. If you do not have any abbreviations in your thesis and do not need a list of them, you should delete this page.

# Glossary

If you require a glossary of specialized terms for your thesis, list them here. Lists of symbols, lists of abbreviations, glossaries, etc., may go in any order you wish, so long as they appear after the Lists of Tables and/or Figures and before the Acknowledgements. If you do not require a glossary for your thesis, you should delete this page.

# Acknowledgements

This is the Acknowledgements section.

The following are usually mentioned in the Acknowledgements:

* Supervisor and committee
* Grant support
* Helpful fellow students, lab mates, etc.
* Family support

Acknowledgements may extend for more than one page, but should be no longer than two pages.

Example:

I offer my enduring gratitude to the faculty, staff and my fellow students at UBC, who have inspired me to continue my work in this field. I owe particular thanks to Dr. J. M. Schneider, whose penetrating questions taught me to question more deeply.

I thank Dr. O. Meyer for enlarging my vision of science and providing coherent answers to my endless questions.

Special thanks are owed to my parents, whose have supported me throughout my years of education, both morally and financially.

# Dedication

This is the Dedication.

The dedication must be listed in the Table of Contents. You may decide you do not want to have the word “Dedication” appear on this page. In Microsoft Word, to get “Dedication” to show up in the Table of Contents without appearing here, change the colour of the word “Dedication” to white. You will then need to change the font colour of “Dedication” back to black in the Table of Contents.

## Introduction

[Chapter Title: use Heading 2, will auto-generate the chapter number]

This is the Introduction.

The introduction to the thesis must outline the theme, hypotheses and/or goals of the thesis and provide sufficient information to enable a non-specialist researcher to understand these. It must contain the elements listed below. The way in which these elements are incorporated will depend on the particular discipline.

* A thorough review of relevant literature
* A clear statement of the research question – the hypotheses and/or goals of the research

New chapters must begin on a new page.

### Section

This is Chapter 1, Section 1.1.

[Section Title: use Heading 3]

#### Sub-Section

This is Chapter 1, Sub-Section 1.1.1.

[Sub-Section Title: use Heading 4]

### Section

This is Chapter 1, Section 1.2.

#### Sub-Section

This is Chapter 1, Sub-Section 1.2.1.

#### Sub-Section

This is Chapter 1, Sub-Section 1.2.2.

##### Sub-Sub-Section

This is Chapter 1, Sub-Sub-Section 1.2.2.1.

[Sub-Sub-Section Title: use Heading 5]

##### Sub-Sub-Section

This is Chapter 1, Sub-Sub-Section 1.2.2.2.

[Sub-Sub-Sub-Section Title: use Heading 6]

Headings and subheadings must never appear at the bottom of the page without at least one, preferably two lines of text underneath. Instead, move the heading to the next page, even if it means leaving a larger lower margin on the preceding page.

## Body of Thesis

This is the Body of the Thesis. For the purposes of this template, only one body chapter has been included (Chapter 2). However, you may have as many body chapters as you and your supervisor decide are necessary.

The account of the research should be presented in a manner suitable for the field and include the following:

* A coherent structure that flows logically and smoothly from chapter to chapter
* A brief synopsis at the beginning of each research chapter
* A description of methods used, in sufficient detail to enable a reader to understand how the data were gathered and to apply similar methods in another study
* A complete account of the research presented in a systematic manner typical of the field of study

Students should consult with their supervisors for further guidance about how to structure their particular thesis.

### Section

This is Chapter 2, Section 2.1.

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#### Sub-Section

This is Chapter 2, Section 2.1.1.

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| 3 | 2018-11-25 | 3.6 | 156.1 | 44 |
| 4 | 2018-12-09 | 4.9 | 205.1 | 42 |
| 5 | 2018-12-15 | 6.2 | 181.6 | 29 |
| 6 | 2018-12-22 | 2.4 | 54.5 | 22 |
| 7 | 2019-01-02 | 4.2 | 227.6 | 54 |
| 8 | 2019-01-17 | 3.0 | 68.7 | 23 |
| 9 | 2019-09-12 | 3.1 | 58.4 | 19 |
| 10 | 2019-10-15 | 6.4 | 136.2 | 21 |
| 11 | 2019-11-15 | 2.3 | 67.6 | 29 |
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| 13 | 2019-12-18 | 4.1 | 112.1 | 28 |
| 14 | 2019-12-31 | 2.0 | 57.1 | 29 |
| 15 | 2020-01-02 | 5.7 | 180.0 | 32 |
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| 18 | 2020-02-05 | 3.4 | 75.9 | 22 |

This page is an example of a page that is in landscape mode (with the long edge of the page at the top). If you have tables, figures, or illustrations which are too large to fit on a page oriented in portrait mode (with the short edge of the page at the top), change the orientation of the page to landscape mode. This is the **only** time you should use landscape mode in your thesis.

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Table 2.1 A sample of a table in Chapter 2

### Section

This is Chapter 2, Section 2.2.

#### Sub-Section

This is Chapter 2, Sub-Section 2.2.1.

## Conclusion

This is the Conclusion.

In this section the student must demonstrate his/her mastery of the field and (for doctoral candidates) his/her contribution to knowledge in the broader discipline.

The section includes the following:

* Overall analysis and integration of the research and conclusions of the thesis in light of current research in the field
* Conclusions regarding goals or hypotheses of the thesis that were presented in the Introduction, and the overall significance and contribution of the thesis research
* Comments on strengths and limitations of the thesis research
* Discussion of any potential applications of the research findings
* An analysis of possible future research directions in the field drawing on the work of the thesis

### Section

This is Chapter 3, Section 3.1.

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Table 3.1 A sample of a table in Chapter 3

#### Sub-Section

This is Chapter 3, Sub-Section 3.1.1.

### Section

This is Chapter 3, Section 3.2.

#### Sub-Section

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Table 3.2 Second sample of a table in Chapter 3

# Bibliography

This is the bibliographic section of your thesis. What you will use as the title of this section will depend on what style of referencing you are using. “Bibliography” refers to a general list of information about sources, including both sources you have cited and sources you have consulted but not cited. “References” refers to a list of sources cited; sources consulted but not cited are not included in a reference list. “Works Cited” is the name given to a reference list in the MLA style. There must be a single bibliography for the entire thesis. For information on a variety of citation styles, please see UBC Library’s [How to Cite Sources](http://learningcommons.ubc.ca/get-study-help/research-and-writing/citing-sources/) page. The bibliographic and citation style you use will be determined by the discipline you are in; consult your supervisor for advice on appropriate styles.

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Author, B. 2010. Title, publication details, in style permitted by your discipline. Please consult a style manual appropriate for your discipline for further details.

# Appendices

This title use Heading 1

This is Appendix A

[Type a space and apply style “Heading 7” to create the title.]

All appendices in the thesis must be presented together after the concluding chapter. Page numbering for appendices continues on from the body of the thesis, in sequence.

Appendices must be limited to supporting material genuinely subsidiary to the main argument of the thesis. Appendices must **only** include material that is referred to in the Body of the thesis.

The following are appropriate for inclusion in the appendices:

1. Additional details of methodology and/or data
2. Diagrams of specialized equipment developed
3. Copies of questionnaires or surveys used in the research. Please ensure that personal information (e.g., names or contact information of subjects and/or researchers) is removed and/or blacked out from your questionnaire/survey copies.

Sub-Appendix

This is Appendix A, Section 1.

[Sub-Appendix: use Heading 8]

Sub-Appendix

This is Appendix A, Section 2.

This is Appendix B.

Sub-Appendix

This is Appendix B, Section 1.

**Sub-sub-Appendix**