"As for Thesis, in Greek mythology she was involved in a cosmic struggle with the male God Antithesis, of which a child, Synthesis, was the outcome. Her divine attributes/symbols are a research paper (right hand) and a laptop (left hand). In contrast to Justitia, she is not blindfolded, but wearing glasses (representing myopia from extensive reading)."
--Klaas Voss

The purpose of this manual is to aid students writing an Honors thesis with the more mundane details of thesis formatting, including especially pagination and margin width. It is the goal of the Honors Staff to create a small measure of uniformity amongst student theses by requiring the same basic formatting. This manual is designed to complement the Thesis Handbook and was written to provide expanded information on formatting. Please make sure you have the most up-to-date versions of both these publications.

Honors theses are written in a variety of disciplines and, therefore, the Honors College does not prescribe a particular writing style, as long as the style used is appropriate to the student’s field of study. Similarly, citation styles appropriate to the discipline should be chosen. The Honors College has adopted standards for form and organization. These standards are set forth in this manual and must be met if the thesis is to be accepted.

It is the responsibility of all students to read the guidelines carefully and meet the requirements fully. As with all other aspects of the thesis process, students are invited to approach any of the staff with questions or problems.

All Honors theses are printed, bound, and stored in permanent record.

**Manuscripts that do not fully comply with the guidelines will not be accepted.**
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>1</td>
</tr>
<tr>
<td>Chapter I: Formatting the Thesis</td>
<td>2</td>
</tr>
<tr>
<td>Before You Start</td>
<td>2</td>
</tr>
<tr>
<td>Thesis Formatting Requirements</td>
<td>2</td>
</tr>
<tr>
<td>Title Page</td>
<td>3</td>
</tr>
<tr>
<td>Abstract</td>
<td>3</td>
</tr>
<tr>
<td>Table of Contents/List of Figures</td>
<td>3</td>
</tr>
<tr>
<td>Author’s Biography</td>
<td>4</td>
</tr>
<tr>
<td>Organization of the Thesis</td>
<td>5</td>
</tr>
<tr>
<td>Page Format</td>
<td>6</td>
</tr>
<tr>
<td>Font Style</td>
<td>6</td>
</tr>
<tr>
<td>Margins</td>
<td>6</td>
</tr>
<tr>
<td>Spacing</td>
<td>7</td>
</tr>
<tr>
<td>Pagination</td>
<td>7</td>
</tr>
<tr>
<td>Headings</td>
<td>10</td>
</tr>
<tr>
<td>Footnotes/Endnotes/Chapter Notes</td>
<td>11</td>
</tr>
<tr>
<td>Charts, Graphs, Tables, Figures, and Photographs</td>
<td>12</td>
</tr>
<tr>
<td>Bibliography/Works Cited/List of References</td>
<td>13</td>
</tr>
<tr>
<td>Appendices</td>
<td>13</td>
</tr>
<tr>
<td>Human Subjects</td>
<td>14</td>
</tr>
<tr>
<td>Animal Research</td>
<td>15</td>
</tr>
<tr>
<td>Chapter II: Final Steps</td>
<td>16</td>
</tr>
<tr>
<td>Thesis Review Process</td>
<td>16</td>
</tr>
<tr>
<td>Submission of Final Thesis Copies</td>
<td>16</td>
</tr>
<tr>
<td>Binding</td>
<td>16</td>
</tr>
<tr>
<td>Grad Profiles</td>
<td>16</td>
</tr>
<tr>
<td>Appendices</td>
<td>18</td>
</tr>
<tr>
<td>Appendix A: Sample Title Page</td>
<td>19</td>
</tr>
<tr>
<td>Appendix B: Sample Copyright Page</td>
<td>21</td>
</tr>
<tr>
<td>Appendix C: Sample Abstract</td>
<td>22</td>
</tr>
<tr>
<td>Appendix D: Sample Table of Contents</td>
<td>24</td>
</tr>
<tr>
<td>Appendix E: Sample Author’s Biography</td>
<td>25</td>
</tr>
<tr>
<td>Honors Thesis Final Formatting Checklist</td>
<td>26</td>
</tr>
<tr>
<td>Honors Thesis Submission Checklist</td>
<td>29</td>
</tr>
</tbody>
</table>
LIST OF FIGURES

Figure 1. Table of Contents Example 1 4
Figure 2. Table of Contents Example 2 4
Figure 3. Thesis Organization 5
Figure 4. Heading Example 10
Figure 5. Subheading Example 11

LIST OF TABLES

Table 1. Pagination Chart 9
INTRODUCTION

The goal of this guide is to provide information concerning the formatting guidelines for University of Maine Honors College theses. Students should become thoroughly familiar with this manual as all requirements presented here must be met if the thesis is to be accepted by the Honors College.

Students are cautioned not to consult bound copies of theses for answers to formatting questions. While bound copies may provide ideas for possible procedures, rules may have changed or specific exceptions approved. If you have questions about formatting, consult an Honors Associate.

Students are encouraged to obtain access to and familiarize themselves with the most recent version of Microsoft Word, which is available to students through the university. Many of the formatting requirements are difficult (but not impossible) to format using earlier versions of Word. The Honors College requires that final theses be submitted as Word documents.

Students are reminded that they are responsible for all thesis content, subject to the approval of their advisor and committee members.
CHAPTER I

FORMATTING THE THESIS

It is easier to have the correct formatting from the beginning of the thesis process, rather than having to go back making all of the necessary formatting corrections at the end. Please consult the numerous formatting resources available on our website here:

http://www.honors.umaine.edu/academics/thesis/forms/

Before You Start

Consult the Honors College Thesis Handbook for a detailed discussion of how to start an Honors thesis. The Handbook is available on our website:


Thesis Formatting Requirements

All final thesis copies are required to include a properly formatted title page, abstract page, table of contents, bibliography, any appropriate IRB or IACUC approval letters, and an author’s biography. Each page of the thesis must be formatted to fit on 8-1/2 inch by 11 inch paper and adhere to all the formatting specifications discussed in this guide.

The Honors College is concerned with the organization, neatness, mechanical correctness and consistency of all final thesis submissions. Requests for deviation from thesis formatting requirements must be approved by the College beforehand.
Title Page Requirements – All final thesis submissions must include a properly formatted title page. See Appendix A for an example title page.

- All the text on the title page should be 12 point Times New Roman font.
- Title in ALL CAPS and double spaced
- Date is double spaced (Month of Graduation, Year)
- List of committee members, single spaced, name and title

It is important to check with your committee member to determine how they would like their titles to be listed on your thesis.

Abstract – An abstract, a clearly written, concise summary of no more than 250 words that must be included with the final copy. The abstract should address the purpose, scope, methodology and results of the thesis. See Appendix C for two examples.

Table of Contents/List of Figures – Each thesis must contain a table of contents and list of figures (if appropriate). See Appendix D for an example table of contents.

At the bare minimum, the Table of Contents must include the following:

- Chapter Headings or Titles
- First Level Subheadings
- Bibliography
- Appendix or Appendices (if applicable)
- Author’s Biography

Second and third level heading may be included at the discretion of the author.
The table of contents may be formatted using the table of contents tool available in newer versions of Microsoft Word. See example below:

Figure 1. Table of Contents Example 1

<table>
<thead>
<tr>
<th>Chapter or Section Heading</th>
<th>..........................................................</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Level Heading</td>
<td>..................................................................................</td>
<td>2</td>
</tr>
<tr>
<td>Second Level Headings</td>
<td>..................................................................................</td>
<td>3</td>
</tr>
<tr>
<td>Chapter or Section Heading</td>
<td>..................................................................................</td>
<td>4</td>
</tr>
<tr>
<td>First Level Heading</td>
<td>..................................................................................</td>
<td>5</td>
</tr>
<tr>
<td>Second Level Headings</td>
<td>..................................................................................</td>
<td>6</td>
</tr>
</tbody>
</table>

If that is not available, the table of contents should be formatted as a table (the border should be invisible in the final copy). See example below:

Figure 2. Table of Contents Example 2

<table>
<thead>
<tr>
<th>Chapter or Section Heading</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Level Heading</td>
<td>2</td>
</tr>
<tr>
<td>Second Level Heading</td>
<td>3</td>
</tr>
<tr>
<td>Third Level Heading</td>
<td>4</td>
</tr>
<tr>
<td>Chapter or Section Heading</td>
<td>5</td>
</tr>
</tbody>
</table>

**Material that appears in the thesis before the table of contents (abstract, preface, etc) should not appear in the table of contents.**

**Author’s Biography** - The author’s biography is an opportunity to share personal information beyond your graduation year and major with readers. These are short, usually no more than two paragraphs and written in the third person. Please include any future plans, student activities and hobbies. See Appendix E for an example.
Organization of the Thesis

Listed below is a general outline for thesis organization - all final thesis submissions must be organized according to these guidelines, regardless of discipline. Please note carefully which pages are required and the order the pages appear - all theses must include a title page, abstract, table of contents, references and author’s bio. The author’s bio should be the absolute last page of the thesis. The Reading List is not to be included with the final thesis copy.

Figure 3. Thesis Organization

<table>
<thead>
<tr>
<th>Preliminary Pages</th>
<th>Text</th>
<th>Reference (required)</th>
<th>Appendix</th>
<th>Author’s Bio (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Title page (required)</td>
<td>- Introduction (if any), or Chapter I through the last page of text.</td>
<td>- Bibliography/ List of References/ Works Cited</td>
<td>- Appendix or Appendices (if any)</td>
<td>- Institutional Review Board for the Protection of Human Subjects and/or the Institutional Animal Care and Use Committee approval (required, if appropriate)</td>
</tr>
</tbody>
</table>
Page Format

All theses will be printed on 8.5x11 inch paper and bound for display in the Thesis Reading Room in Colvin Hall and Estabrooke Hall. Therefore, all pages in the submitted final thesis should be single-sided.

If you would like to include a CD, DVD or alternatively bound copy of your thesis project, consult with a member of the Honors Staff.

Font Style

The font should be consistent throughout the thesis. All final thesis submissions must be in 12 point, Times New Roman, black font. This includes the thesis text, preliminary pages (title page, abstract, etc.), charts, figures, graphs, tables, photograph captions and appendix text. Remember to force active HTML links to show in black and to check that page numbers are also 12 point, Times New Roman, black font.

Exceptions: footnotes, endnotes, and captions should use 10 point, Times New Roman. Text in the appendix that comes from another source (i.e., reprint of government documents, letter of consent, etc.) may be in another font.

Margins

Margin size is crucial to ensuring proper binding. Margins are 1½” on the left and 1” at the bottom, top, and right. Please ensure that all footnotes, charts, graphs, figures, tables and photographs adhere to the prescribed margins. Page numbers are the only thing allowed within the 1-inch bottom margin.
Spacing

The text of the thesis must be **double-spaced**. Footnotes, Bibliography (List of References or Works Cited), captions and the data within tables are single-spaced. Entries within the Bibliography (List of References or Works Cited) should be separated by a double space. Lengthy descriptions in the Appendix may be single-spaced at the author’s discretion.

Any quotations that are longer than 4 lines should be single-spaced and indented.

The text should be formatted to avoid widowed and orphaned lines. A widowed line is a paragraph-ending line that falls at the beginning of the following page/column, thus separated from the remainder of the text. An orphaned line is a paragraph-opening line that appears by itself at the bottom of a page/column.

Pagination

Each page of the thesis should be single-sided and a page number must appear on every page with the exception of certain preliminary pages: title page, abstract page and copyright page. These pages are counted, but the actual page number does not appear. The first page of actual text is page 1, regardless of the number of preliminary pages. Page numbers must be placed in the bottom center. No other information (name, thesis title, date, etc.) should appear in the footer.

The following links are helpful for consistently numbering landscape pages:

[http://word.mvps.org/FAQs/Formatting/LandscapeSection.htm](http://word.mvps.org/FAQs/Formatting/LandscapeSection.htm)

[http://www.youtube.com/watch?v=SYZi8T_bVpU](http://www.youtube.com/watch?v=SYZi8T_bVpU)
Remember, the thesis should be submitted as one Word file. The following links include tutorials for using sections in Word 2016:

http://www.youtube.com/watch?v=NGzz2ZmLrFw

http://www.youtube.com/watch?v=IlfacBJZba0&feature=related

A tutorial for using sections and inserting page numbers is also available. Consult the Honors staff members for help with pagination.

The chart on the following page explains the required pagination for the thesis.
<table>
<thead>
<tr>
<th>Table 1. Pagination Chart</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preliminary Pages</strong></td>
</tr>
<tr>
<td><strong>Title Page</strong></td>
</tr>
<tr>
<td>(Required)</td>
</tr>
<tr>
<td><strong>Copyright Page</strong></td>
</tr>
<tr>
<td>(Optional)</td>
</tr>
<tr>
<td><strong>Abstract</strong></td>
</tr>
<tr>
<td>(Required)</td>
</tr>
<tr>
<td><strong>Dedication/Preface</strong></td>
</tr>
<tr>
<td>(Optional)</td>
</tr>
<tr>
<td><strong>Acknowledgements</strong></td>
</tr>
<tr>
<td>(Optional)</td>
</tr>
<tr>
<td><strong>Preface or Foreword</strong></td>
</tr>
<tr>
<td>(Optional)</td>
</tr>
<tr>
<td><strong>Table of Contents</strong></td>
</tr>
<tr>
<td>(Required)</td>
</tr>
<tr>
<td><strong>List of Figures, Tables Definitions</strong></td>
</tr>
<tr>
<td>(Required if any)</td>
</tr>
<tr>
<td><strong>Body Pages</strong></td>
</tr>
<tr>
<td><strong>Text of manuscript</strong></td>
</tr>
<tr>
<td>Arabic numerals</td>
</tr>
<tr>
<td><strong>Bibliography</strong></td>
</tr>
<tr>
<td>(Required)</td>
</tr>
<tr>
<td><strong>Appendix(ces)</strong></td>
</tr>
<tr>
<td>(If any)</td>
</tr>
<tr>
<td><strong>Author’s Biography</strong></td>
</tr>
<tr>
<td>(Required)</td>
</tr>
</tbody>
</table>
Headings

Headings represent the major divisions and subdivisions of the thesis. Do NOT bold headings. Each chapter identifier and/or chapter title must be CAPITALIZED and center.

Figure 4. Heading Example

| CHAPTER I (1-1/2 inch from top of page) |
| [triple space] |
| THE CAPITALIZED TITLE OF THE CHAPTER |
| [triple space] |
| Text or subheading |
| [single space] |

Text begins here...

This heading formatting is strongly recommended. Please consult with the Honors College before using a different style.

It is permissible to have a division entitled INTRODUCTION before beginning the first numbered chapter. For theses not organized into chapters (i.e: science theses divided into results, discussion, conclusion, etc.), the title of the section should take the place of the chapter and the title of the chapter should be ignored. Each Chapter or major section must start on a new page.

The subheadings themselves should be single-spaced with a single space underneath them to separate it from the text.
Subheadings should appear as follows:

Figure 5. Subheading Example

<table>
<thead>
<tr>
<th>First Level Centered and Underlined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second Level to the Side and Underlined</td>
</tr>
<tr>
<td>Third Level. Use an underlined heading beginning at the paragraph indentation, followed by a period and the text.</td>
</tr>
</tbody>
</table>

The first word and any proper nouns are capitalized. If a first or second heading is used, double space before starting the text. Subheadings do not require starting on a new page (in fact, starting a new page for a first, second or third level heading is discouraged), but widowed line rule also applies to headings (the heading should not appear at the bottom of a page with the text beginning on the next page).

Footnotes/Endnotes/Chapter Notes

It is important to note that footnotes and endnotes are not the same as bibliography entries.

The Honors College prefers that footnotes, if consistent with the reference style being used, be placed on the bottom of the page on which the reference is made. The formatting of footnotes should follow a standard style manual and consistency is required. Footnote text must be 10 point, Times New Roman, and single-spaced, and must also adhere to the margin specifications.

Footnotes may also be placed at the end of the thesis (endnotes) or the end of each chapter (chapter notes). If placed at the end of the thesis, the endnotes should appear
before the bibliography and be entered in the table of contents. If placed at the end of each chapter, the chapter notes should start on a new page.

Footnotes must be numbered consecutively throughout the thesis; if using chapter notes consecutively through the chapter.

**Charts, Graphs, Tables, Figures, and Photographs**

Illustrative materials may be interspersed throughout the thesis or contained in an appendix at the discretion of the author. Please select the most reader-friendly option. All illustrative material should adhere to the margin and font specifications. Color may be used for illustrative materials in the thesis, but should be used conservatively. If an illustrative material must be hand-drawn or hand-lettered it must be scanned and inserted electronically into the final thesis copy.

If inserted within the text of the thesis, the illustrative material must fit on one page. For instance, a table may not start at the bottom of p. 15 and continue onto p. 16. Landscape pages may be inserted into the text to accommodate larger tables, but the page numbering must be consistent. Illustrative materials in the appendix may take up several pages.

If a thesis contains charts, graphs, tables, photographs, or figures, a separate list of charts (or graphs or tables or figures) is required and should be inserted after the table of contents. Each figure, chart, graph or table must be numbered and captioned (caption should be 10 point, Times New Roman font). The caption must appear on the same page as the illustrative material it references.
Bibliography/Works Cited/List of References

Every thesis must include a Bibliography/Works Cited/List of References regardless of the citation style used throughout the thesis. The full publication information for all sources cited in the thesis or, for some disciplines that informed the development of your thesis must be included in the Bibliography. The layout and title (Works Cited, References, etc.) of this list will vary by discipline.

The title on the page should follow the chapter heading formatting. Regardless of discipline, entries should be single-spaced with a double-space between each entry. The style of the entries should follow the style manual appropriate to the author’s discipline. However, it is the preference of the Honors College to use a citation style that includes the titles of the work.

Appendices

The appendix or appendices should follow the bibliography in the thesis organization. Original data and supplementary materials such as charts, tables, photographs, etc. the author chose not to include in the text of the thesis may be included in the appendices. This material may all be included in one appendix (listed in the table of contents as simply Appendix) or may be organized and divided into two or more appendices.

If a thesis contains two or more appendices, they should be labeled Appendix A, Appendix B, etc. and listed as separate entries in the table of contents. If there are more than two appendices, there must be a separate page with appendices typed in ALL CAPITALS and centered on the page, separating the appendices from the bibliography.
A page number is assigned for the separating page and appears in the table of contents, along with listings for the page numbers for each appendix.

The headings for each appendix are typed in the same manner as the chapter number and title. Appendices may include material that is single-spaced.

Remember, like the vestigial organ it shares a name with, material in the appendix is often unnecessary to the reader. Please select material for the appendix discriminately.

**Human Subjects**

Any University of Maine Honors College student whose research involves the use of human subjects must submit their research protocol to the University of Maine Institutional Review Board (IRB) and receive written approval PRIOR to starting any activities related to human subjects. This includes, but is not limited to, research involving surveys, questionnaires, oral histories, and interviews, whether conducted in person, over the phone, or by mail.

Conducting research involving human subjects without IRB approval is a violation of University policy. Theses that involve human subjects research will not be accepted by the Honors College without proof of IRB approval.

**A copy of the IRB approval letter must be included in all thesis copies and should be treated as an appendix.** If the thesis has additional appendix material, the IRB letter must be a separate appendix.
Animal Research

Any University of Maine Honors College student whose research involves the use of vertebrate animals must submit their research protocol to the University of Maine Institutional Animal Care and Use Committee (IACUC) and receive written approval PRIOR to starting any activities related to human subjects.

Conducting research involving vertebrate animals without IACUC approval is a violation of University policy. Theses that involve human subjects research will not be accepted by the Honors College without proof of IACUC approval.

**A copy of the IACUC approval letter must be included in all thesis copies and should be treated as an appendix.** If the thesis has additional appendix material, the IACUC letter must be a separate appendix.
CHAPTER II

FINAL STEPS

Thesis Review Process

Students are encouraged to start the formatting process early on, and submit well before the deadlines. Students may submit final thesis copies for review of the formatting requirements by emailing it to one of the Honors Associates well before the final thesis deadline. The Associates will review theses for formatting errors only and return the thesis to the student with corrections.

Submission of Final Thesis Copies

A final copy of the properly formatted thesis must be submitted to the Honors College by following submission deadlines: May 31st for May grads, August 31st for August grads, and January 7th for December Grads.

Only electronic copies of the thesis will be accepted. Please email the document to the Honors Associates. The final thesis must be submitted along with a signed copy of Thesis Form #6: Final Thesis Acceptance.

Binding

Students may request a bound copy or copies of their thesis by filling out a Bound Thesis Request Form. Form is available on our website:

https://honors.umaine.edu/current-students/academics/thesis/upcoming-grads/
Bound thesis requests will not be processed until payment is received by the Honors College (cash, or check made payable to the University of Maine). The cost of getting a personal bound copy of your thesis is $25 per copy. The Honors College will contact you once the theses have arrived and when they've been sent out.

**Grad Profiles**

Once the thesis is complete and submitted, students should also plan to submit the Honors Graduate Profile Form, available on our website:

[https://honors.umaine.edu/current-students/academics/thesis/upcoming-grads/](https://honors.umaine.edu/current-students/academics/thesis/upcoming-grads/)

We use the information provided in this form to create profiles for all of our graduates each year in *Minerva*, our annual Honors publication. Please fill out this form so we can make sure to include your correct information.
APPENDICES
APPENDIX A: SAMPLE TITLE PAGE

Notes

• A pre-formatted Word template for the title page may be downloaded from the Honors College website: http://www.honors.umaine.edu/academics/thesis/forms/

• All text on the title page should be centered within the prescribed margins.

• The title must be double-spaced.

• The date is the month and year of graduation only (May, August or December).

• A list of committee members must be alphabetical after listing your advisor first and include accurate titles for all members.
A STUDY OF THE MEDICAL, SOCIAL, AND PSYCHOLOGICAL EFFECTS OF WRITING AN HONORS THESIS

by

Leslie S. Donne

A Thesis Submitted in Partial Fulfillment of the Requirements for a Degree with Honors (Anthropology)

The Honors College

University of Maine

May 2013

Advisory Committee:

Kim M. Smith, Professor of Anthropology, Advisor
Tracy E. Brown, Professor of English and Dean, Honors College
Terry A. Jones, Associate Professor of Psychology
Dale N. Ross, Physician, Eastern Maine Medical Center
Lee I. Williams, Assistant Professor of Sociology
APPENDIX B: SAMPLE COPYRIGHT PAGE

© Year Author’s Name

All Rights Reserved
APPENDIX C: SAMPLE ABSTRACTS

A documentary in its beginning stages, *Direct Descendant* (Spring 2016) is the product of the research carried out and captured on film by a direct descendent of an active member of the Penobscot Nation, as she addresses issues she has personally faced in regards to her disenrollment from the Penobscot Tribe. Driven by the personal narrative of a disenrolled daughter of a Native American, the film follows its protagonist on the emotional journey she embarked on to foster the understanding of repercussions that follow a Native American tribe that disenrolls members at a blood quantum of 1/4. As a rough cut of a hopeful feature film, *Direct Descendant* (Spring 2016) features the development of the narrator’s documentation of discussions that were sought out to voice how her experiences with disenrollment have contributed to the disconnect she experiences from a culture she has been strongly influenced by throughout her life.

-from a recent Art graduate

There is a growing demand for sustainable alternatives to petroleum based fuels to be used in the transportation sector. To this end, thermochemical pathways have been proposed for the conversion of renewable feedstock such as wood and corn stover to transportation fuels. Although it is recognized that renewable feedstock sources are environmentally superior to the current petroleum based fuels, the commercial production of renewable fuels via thermochemical pathways must also be economically
advantageous. Thermochemical conversion of a renewable feedstock results in the production of a significant amount of biochar that has a low economic value. To improve the overall economics of the thermochemical pathways, there is a need for increasing the economic value of biochar by diversifying the use of biochar or by upgrading it to a higher-value product, such as activated carbon. This thesis analyzes the characteristics of biochar to provide insights into the selection of derivatives as well as operating conditions for upgrading biochar.

-from a recent Chemical Engineering graduate
## APPENDIX D: SAMPLE TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Chapter I: Introduction</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>1</td>
</tr>
<tr>
<td>Donated vs. Engineered Transplants</td>
<td>4</td>
</tr>
<tr>
<td>Principles of Tissue Engineering</td>
<td>6</td>
</tr>
<tr>
<td>Cell Sources</td>
<td>7</td>
</tr>
<tr>
<td>Scaffolds</td>
<td>13</td>
</tr>
<tr>
<td>Culturing Techniques</td>
<td>19</td>
</tr>
<tr>
<td>Objective</td>
<td>23</td>
</tr>
<tr>
<td>Chapter II: Methods</td>
<td>28</td>
</tr>
<tr>
<td>Cell Culturing</td>
<td>28</td>
</tr>
<tr>
<td>RWV Bioreactor Preparation</td>
<td>26</td>
</tr>
<tr>
<td>RWV Bioreactor Trials</td>
<td>27</td>
</tr>
<tr>
<td>Chapter III: Results</td>
<td>28</td>
</tr>
<tr>
<td>Chapter IV: Discussion</td>
<td>37</td>
</tr>
<tr>
<td>Chapter V: Recommendations for Future Work</td>
<td>46</td>
</tr>
<tr>
<td>References</td>
<td>47</td>
</tr>
<tr>
<td>Appendices</td>
<td>49</td>
</tr>
<tr>
<td>Appendix A: Starting a Cell Culture</td>
<td>50</td>
</tr>
<tr>
<td>Appendix B: Passing Cells</td>
<td>51</td>
</tr>
<tr>
<td>Appendix C: Microcarrier Bead Preparation</td>
<td>53</td>
</tr>
<tr>
<td>Author’s Biography</td>
<td>54</td>
</tr>
</tbody>
</table>
APPENDIX E: SAMPLE AUTHOR’S BIOGRAPHY

Leslie S. Donne was born in Orono, Maine on April 1, 1988. She was raised in Cleveland, Ohio and graduated from Heights High School in 2006. Majoring in anthropology, Leslie has minors in mathematics and education. She is a member of Phi Beta Kappa, Chi Pi Sigma, and Nu Epsilon Eta. She has received a Margaret Chase Smith Scholarship and an Honors College Thesis Fellowship.

Upon graduation, Leslie plans to study on a Fulbright Grant in Sweden before returning to work on an advanced degree in the history and philosophy of science.
HONORS THESIS
FINAL FORMATTING CHECKLIST

TITLE PAGE
□ Title is in ALL CAPS, double spaced
□ Ensure that “by” is lowercase
□ Advisory Committee section
  ○ Committee members listed with Advisor(s) first, then alphabetized by last name
  ○ All titles are verified to be correct
  ○ lines below “Advisory Committee” are indented
  ○ Advisory Committee section is at the very bottom of the page

MARGINS
□ Left: 1.5
□ Right, Top, and Bottom: 1

FONT
□ Times New Roman, 12 point
  ONLY Exception - Size for captions & footnotes is Times New Roman, 10 point

SPACING
□ Single space only the following items:
  ○ Advisory committee (section on title page)
  ○ “A Thesis Submitted…” (section on title page)
  ○ Footnotes
  ○ Bibliography
  ○ Captions
  ○ Data within tables,
  ○ Quotations longer than 4 lines
□ Double-space everything else

ORGANIZATION (sections in bold are mandatory for all theses)
1. Title Page
2. Copyright Page
3. Abstract
4. Dedication/Preface
5. Acknowledgements
6. Preface or Foreword
7. Table of Contents
8. List of Figures, Tables, Definitions (mandatory, if applicable)
9. Text of Manuscript
10. Bibliography
11. Appendices
12. Author’s Biography
PAGINATION

□ No page numbers
  o Title page
  o Copyright page
  o Abstract

□ Small Roman Numerals (ex: i, ii, iii)
  o Count every page of the document, but only start displaying numeral at first page after the abstract (ex., no numbers shown on title page [i], copyright [ii], and abstract page [iii], then other preliminary pages start with iv)
  o Small roman numeral the following pages:
    o Dedication/preface
    o Acknowledgments
    o Preface/foreword
    o Table of contents
    o Lists of figures/tables/definitions

□ Arabic Numerals (ex: 1, 2, 3)
  o Text of thesis manuscript starts with 1
  o Numbering continues through the rest of the document (including through bibliography, appendices, and author’s biography)

CHAPTER/SECTION

□ Each Chapter or Section starts on new page

□ Title of Chapter section is:
  o Capitalized
  o Centered
  o Three Spaces underneath

SUBHEADING LEVELS

1st: Centered and underlined
2nd: Side and underlined
3rd: Underlined beginning at the paragraph indentation, followed by a period, then proceed into the regular text of the section

TABLE OF CONTENTS

□ Lists the following with page numbers:
  o All chapters/sections and any 1st level headings
  o Optional: Lower sub-sections
  o Bibliography
  o Appendices
  o Author’s bio
TABLES/FIGURES/CHARTS/GRAPHS
- If any tables/figures/charts/graphs are used, the document must have a list of them after the Table of Contents (ex. “List of Figures”)
  - Each entry shows title of item and its page number
- All tables/figures/charts/graphs must...
  - Fit on one page (or, if needed, have necessary headers or labeling to span multiple pages [such as a table with too many rows])
  - Fit within the existing margins of the page (1.5” left, 1” top, bottom, and right)
  - Have a caption on the same page

BIBLIOGRAPHY/WORKS CITED/LIST OF REFERENCES
- Follows the citation standards of your discipline
- Entries: Single spaced
- Between Entries: double spaced

APPENDICES
- All other tables/figures/etc. are included in appendices (no “rogue” tables/figures at the end of the thesis)
- If multiple appendices, include an “APPENDICES” cover page before them
- Each appendix starts on a new page with an all caps title at the top
- If you had to get IRB approval, you must include the letter as an Appendix

FINAL DOUBLE CHECKS
- Make sure your title page matches the Title Page Sample on the Honors website
- Page numbers shown on Table of Contents (and List of Figures) are correct and all sections are included
- No numbers shown on title page, copyright, or abstract
- Small roman numerals used on remaining preliminary pages, counting each page from the beginning
- Page labeled with “1” is the start of the thesis text
- Font and size are correct on each section of page numbers and table of contents (headers and footers do not automatically match the font of the rest of the document!)
- Everything fits within the margins
- All pages are portrait orientation with the page number at the bottom
HONORS THESIS SUBMISSION CHECKLIST

- Thesis meets all formatting requirements outlined in this guide.
  - Checks all the boxes on the Final Formatting Checklist (see page 26)
- Thesis as Word file submitted by email to Honors Associates.
- Thesis Form #6: Final Acceptance - signed by advisor and turned in.
- Graduate Forms
  - Bound Thesis Request form, if you would like to order a copy or copies of your thesis for yourself ($25 each)
  - Honors Graduate Profile Form
  - Both forms available here: https://honors.umaine.edu/current-students/academics/thesis/upcoming-grads/