

GUIDELINES FOR THE PREPARATION OF THE MASTERS THESIS AND DOCTORAL DISSERTATION

University of Oklahoma Health Sciences Center Graduate College 1105 N. Stonewall Avenue Robert M. Bird Library Building, Room 258 Oklahoma City, Oklahoma 73117 (405) 271-2085

ORGANIZATION OF THESES AND DISSERTATIONS

The Graduate College allows the submission of theses and dissertations in two different organizations; the traditional organization or the manuscript organization. The organization that a student uses is at the discretion of the student's committee and the degree granting program.

The Traditional Organization

This is the organization that has been historically used for theses and dissertations. Following is the format for thesis and dissertations using this type of organization:

Chapter 1: Introduction

Chapter 2: Materials and Methods

Chapter 3: Results
Chapter 4: Discussion
Chapter 5: Summary

The Manuscript Submission/Publication Organization

The manuscript submission/ publication organization allows students to organize the Methods and Materials and Results chapters of the Traditional Organization into independent chapters each comprised of a manuscript. The manuscripts do not need to be submitted or accepted for publication to be included in the thesis or dissertation. Work that is done but is not ready for publication at the time of writing the thesis or dissertation would be organized as an independent chapter using the same format as a manuscript. Manuscripts with more than one author should include a statement outlining the student's contribution to the work. For example, "AB generated the data in Figures 2,3 and 5 and wrote the Introduction (and/or Discussion and/or manuscript)."

The Introduction and the Discussion chapters would be comparable to these chapters in the traditional organization. The Introduction should be a scholarly work that introduces the topic of the thesis or dissertation, reviews the literature of the topic, and presents the hypotheses to be tested. It is important that this section be unique and specific to this document. The Discussion should discuss the results presented in the thesis or dissertation in the context of the field of study. It is important that this section be a scholarly extension of the discussion sections in the manuscripts in the chapters. This section should not be just a reiteration of the discussion presented in each of the manuscript chapters.

The Introduction and the Discussion chapters in this organization would constitute what is usually considered the "scholarly" part of the thesis or dissertation. This organization would allow the student to gather, organize and write up their results as a manuscript for submission and hopefully encourage and facilitate the submission of manuscripts.

Manuscripts in the format submitted for publication are the copyright of the author and can be placed directly into the theses or dissertation, even if published; only the journal format is the copyright of the journal. If the student and their committee agree published manuscripts may be placed in the thesis or dissertation in the published format; however, the student must obtain permission from the publisher to use this format and permission of the publisher must be submitted to the Graduate College. In either case, the source of a published manuscript must be included.

Following are examples of the format for thesis and dissertations using the manuscript submission /publication organization:

Example A:

Chapter 1: Introduction – must include scholarly review of the literature

Chapter 2*: To be submitted manuscript, submitted manuscript or published manuscript To be submitted manuscript, submitted manuscript or published manuscript Chapter 4*: To be submitted manuscript, submitted manuscript or published manuscript

Chapter 5*: Discussion – must include scholarly discussion of results

Chapter 6*: Summary

Example B:

Chapter 1: Introduction – must include scholarly review of the literature

Chapter 2†: Materials and Methods

Chapter 3*: To be submitted manuscript, submitted manuscript or published manuscript Chapter 4*: To be submitted manuscript, submitted manuscript or published manuscript Chapter 5*: To be submitted manuscript, submitted manuscript or published manuscript

Chapter 6*: Discussion – must include scholarly discussion of results

Chapter 7*: Summary

*Number of middle chapters dependent upon the number manuscript chapters. Chapter could also contain results that will not be published but can be presented in thesis or dissertation.

†The addition of a Materials and Methods chapter would be at the discretion of the student and their committee. This would provide the opportunity to provide details on the development of innovative methods or details that would not find their way into a manuscript.

Preparation of Thesis/Dissertation

The candidate is responsible for seeing that the thesis/dissertation is submitted in proper format. The highest standard of mechanical details must be achieved. The candidate is responsible for the form of the thesis/dissertation and with the aid of the committee should carefully edit the final draft for arrangement, sentence structure, paragraphing, punctuation, spelling, quotations, and the form of footnotes, tables, and bibliography.

The thesis/dissertation should be prepared in a style acceptable to your department and committee, however, the Graduate College requirements must be followed. **REGARDLESS OF THE STYLE USED, THE FOLLOWING ITEMS MUST REMAIN.**

All dissertations and theses must be submitted in electronic format using the <u>OUHSC</u> <u>ProQuest ETD Administrator</u>. In addition, the thesis or dissertation can be printed if the student and/or program desire personal bound copies.

Order of Material

Title Page, Signature Page, Copyright Page, Acknowledgments, Table of Contents, List of Tables, List of Illustrations, Abstract, the Text of the Thesis/Dissertation, Bibliography or Literature Cited, Appendix, Index (optional). (See attached sample pages.)

Numbering of Pages

For electronic submission, all pages are numbered, including the title page. Page numbers must be centered, 0.5 inches from the bottom of the page.

Font Selection

Font sizes should be selected carefully and should enhance the professional quality of the publication. Arial 11 point is recommended but a serif font is acceptable.

Margins for electronic submission (but if you are contemplating making bound copies, use the margins below)

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The use of "justified" or "left-aligned" text is acceptable, but must be consistent.

Spacing

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¹ If you are printing double-sided, there is a setting in Microsoft Word to alternate the wider margin – check the "Mirror Margins" box in the Margin setting menu. Traditionally, in a printed version the title page has no number but the next page is numbered as 2.

Legends, Table entries, footnotes and quotations of more than four lines or two or more sentences. In the Table of Contents, titles of more than one line are single spaced.

Paragraph Indentions

Either block style with no indentation or indented 1/2" is acceptable. You must be consistent.

Title Page (see attached sample)

- 1. Name of University and Graduate College
- 2. Title of Thesis or Dissertation
- 3. Name of Degree
- 4. Graduate's Name (first name first)
- 5. Location should always be Oklahoma City, Oklahoma
- 6. Year thesis/dissertation deposited

Signature Page (see attached sample)

- 1. Title of Thesis or Dissertation
- 2. Names of Committee members
- 3. For the electronic submission, a single page with original signatures must be filed with the Graduate College. For printed and bound versions, original signatures on the final copies are needed.

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- 1. Copyright notation
- 2. Graduate's full legal name
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Acknowledgments Page (see attached sample)

Abstract

Table of Contents/List of Tables and List of Illustrations

Follow the format of the abbreviated sample included in these instructions. This page is to be fully justified. Any titles more than one line should be single-spaced. If a second page is required, include the appropriate heading such as "Table of Contents Continued".

Headings of Major Divisions

The first line of the first chapter will be "CHAPTER I". Three single spaced lines below this appears the title of the chapter in capital letters, centered. Double-space succeeding lines of the title if it is longer than one line. Three single spaced lines below the chapter title, place the first line of text. Succeeding chapters, "CHAPTER II", etc., should follow this same format. Do not use terminal punctuation on any chapter headings.

Headings of Subdivisions

Any logical system of subdivision within chapters or sections is permissible, but the scheme must be consistent throughout the manuscript. The subdivision within a chapter or section does not begin on a new page unless the preceding page is filled. If there is not room for the complete heading and at least two lines of text at the bottom of a page, the new subdivision should begin

on the next page.

References

References usually consist of information in parentheses or square brackets within the text. Two common methods of referencing are (1) to use author's name and date of publication, as in (Smith, 1990), or (2) to assign numbers to the bibliographical entries and insert the corresponding number for the reference in the text, as in [95]. Use a citation manager such as EndNote.

Bibliography/List of References

A thesis/dissertation must include a list of materials used in the preparation of the manuscript. This may consist only of references cited in the text (List of References) or it may include works consulted as well (Bibliography). **Use bibliographic software such as EndNote. Consult your mentor and committee to select a reference style appropriate to your field of research.** Double space between each reference. References of more than one line should be single spaced.

Appendix

An appendix is not required, however if desired, you must maintain the same margins and consecutive page numbering as used in the body of the text.

Acknowledgments

This page is to thank those who have helped in the process of obtaining the graduate degree. Permissions to quote copyrighted material are listed here, as well as acknowledgments for grants and special funding.

Tables and Figures

Tables and figures are to be incorporated in the text as appropriate and not included as a set at the end of the chapter or thesis/dissertation. Tables which would normally take more than an 8 ½ x 11 inch sheet must be divided into multiple pages or reduced by using a smaller font. All titles and page numbers must be in the same font and type size as the body of the text. The area used for the graph and for all captions and legends must be within the appropriate margins.

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inventor. Students who make an invention or discovery should contact the Office of Technology Development before writing their dissertation or thesis. The OUHSC Intellectual Property Policy is at https://provost.ouhsc.edu/Policies-and-Procedures/HSC-Faculty-Handbook, as Appendix D.

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Use <u>Turnitin</u> to ensure your thesis or dissertation is free of plagiarism. Submit to the Graduate College an approved reading copy at least 10 business days before the defense. The reading copy must be submitted as a PDF document along with the completed and signed form indicating committee approval of the reading copy of the <u>dissertation</u> or <u>thesis</u> and defense date. The reading and final copy deadlines are printed in the OUHSC Academic Calendar found on the Office of Admissions and Records <u>homepage</u>.

Dissertation Defense Announcement and Abstract

The final oral examination for the PhD is a defense of the dissertation open to the public. At least 10 business days before the defense the candidate must submit to the Graduate College by uploading onto the OUHSC ProQuest ETD Administrator an electronic Defense Announcement for the Final Exam and abstract of no more than 350 words (see examples attached). Thesis students are only required to submit an abstract with their ProQuest submission. After the Dissertation defense the student has 60 days to make corrections and prepare the final copy.

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Electronic Submission of Thesis/Dissertation

Electronic versions of dissertations and theses are required. The final version of your dissertation should be converted to a PDF document and submitted to the Graduate College **using the OUHSC ProQuest ETD Administrator.** Include a separate file of your abstract. A hard copy of the signature page which must contain the original signatures of the Committee must be turned into the Graduate College. The Graduate College will make a final check. If all is in order, the files will be submitted to the OUHSC University Library Repository and ProQuest database simultaneously.

Student may pay an optional copyright fee via the OUHSC ProQuest ETD Administrator submission process. You can request a temporary embargo on release of your dissertation to protect intellectual property or unpublished data.

How to prepare your dissertation for submission to ProQuest

http://media2.proquest.com/documents/UMI_PreparingYourManuscriptGuide.pdf

Hard copy submission of Thesis/Dissertation

Students may elect to have personal hard copies of the Thesis/Dissertation bound. Copies may be printed on 25 to 100 percent cotton paper and must contain signatures of the committee. Text and figures must be printed at high quality. Personal copies should be turned in to the Robert M. Bird Library for binding after final approval by the Graduate College. These must be pre-paid.

Selected information from the Bird Library web site:

How do I find theses or dissertations written by OUHSC graduates?

Search the Bird Library catalog to find theses and dissertations written by OUHSC graduates.

Search Tips

To find a specific thesis/dissertation by author:

- Enter the author's name in the search box (e.g. jorge padron or padron jorge)
- Select "author" from the drop down search box
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To find theses/dissertations focused on a particular topic or area:

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- Enter **thesis AND oklahoma** into the search box (thesis is the appropriate search term even if you are looking for dissertations)
- Select "Bird Health Sciences Library" from the drop down library box
- Click on "Search"

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Browsing the Print Collection

Print copies of OUHSC theses and dissertations are shelved on the third floor of the Bird Library with call numbers beginning **W 4A**. Within this call number range, items are then organized alphabetically by author and finally by publication year. (e.g. W 4A P124c 1956 is a complete call number assigned to an OUHSC dissertation)

How do I identify theses or dissertations regardless of where the degree was completed?

The Bird Library subscribes to a number of databases that make it easy to identify theses and/or dissertations even when the degree was not awarded by OUHSC.

ProQuest Dissertations & Theses

- Search across four different databases, including dissertations and theses produced at institutions worldwide from 1743 to the present
- Access full text for most works added since 1997; select full text is available for items written prior to 1997

OUHSC faculty, students, and staff can access <u>ProQuest</u> dissertations and theses database both on and off campus. More detailed information about off campus access to all library resources is available in our <u>Remote Access</u> link.

Databases with a Limit Option to Dissertation and/or Thesis

The databases listed below have options available that will allow you to limit a particular search to dissertations and/or theses. These databases do not typically provide full text access to the dissertation or thesis.

CINAHL (Cumulative Index to Nursing and Allied Health Literature)

- Provides "publication type" limits for Doctoral Dissertation and Masters Thesis
- Select one or both of these limits to find all of the doctoral dissertation and/or masters thesis records in the database

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PsycINFO

Provides a "publication type" limit for Dissertation Abstract

OUHSC faculty, students, and staff can access any of these resources from both on and off campus by using the "Resources" menu in the Bird Library's home page (http://library.ouhsc.edu), then select "More Databases".

THE UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER GRADUATE COLLEGE

A CONTENT ANALYSIS OF THE CHANGES EFFECTED IN A SMALL OKLAHOMA DAILY FOLLOWING A READER INTEREST SURVEY

A THESIS/DISSERTATION (whichever applies)

SUBMITTED TO THE GRADUATE FACULTY

in partial fulfillment of the requirements for the

degree of

(NAME OF DEGREE)

(On previous line, indicate the exact name of the degree for which you have been admitted to candidacy; if uncertain, inquire at the Graduate College Office.)

BY

GARY ROBERT JONES

Oklahoma City, Oklahoma

2015

A CONTENT ANALYSIS OF THE CHANGES EFFECTED IN A SMALL OKLAHOMA DAILY FOLLOWING A READER INTEREST SURVEY

*(The number of lines should correspond to the number of committee members beginning with the Chair. A page with original signatures is kept by the Graduate College. Each copy of a bound dissertation/thesis must be signed by the dissertation/thesis committee.)

APPROVED BY:
Jane A. Scientist, Ph.D., Chair (<i>Example</i>
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ACKNOWLEDGMENTS

It is with deep gratitude and appreciation that I acknowledge the professional guidance and friendship of Dr. To be Named. His constant encouragement and support helped me to achieve my goal. My gratitude goes to the other members of the laboratory, Dr. John Doe and technicians, David Smith and Mike Reed. Their technical help and good humor made these years a great learning experience.

I am grateful to the graduate faculty of the Department of Microbiology and Immunology of the University of Oklahoma Health Sciences Center, especially Dr. Sam Smith for his constant support since the beginning of my studies. Gratitude is also expressed to the members of my reading and examination committee, Dr. John Jones and Dr. Mary Miller.

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ABSTRACT

The Simultaneous Multiple-Angle Reconstruction Technique (SMART), which uses the impedance estimation as an initial estimate, is the most popular algorithm in use today. A modification of the SMART algorithm is proposed in this study. This new, improved algorithm is designated SMART2. Receiver Operating Characteristic Analysis (ROCA) was used to compare the performance of the SMART and SMART2 algorithms. It was found that heart phantom tomogram obtained using SMART2 were superior to those obtained using SMART.

CHAPTER I

INTRODUCTION AND LITERATURE REVIEW

The presence of protein bound carbohydrates in the serum was recognized before the beginning of this century (1,2). The major monosaccharide components of serum glycoproteins are galactose, mannose, glucosamine and sialic acid. Galactosamine and fucose are minor constituents of some serum glycoproteins. These carbohydrates are widely distributed in major serum protein fractions with the possible exception of serum albumin, but are particularly prominent in the y-globulin fractions.

It is well known that the concentration of the glycoprotein in human serum is greatly increased in a number of physiological and pathological states. (3). Very little is known at the present time about the metabolic alterations which lead to these changes.

In the present investigation the mechanism of serum glycoprotein biosynthesis was studied in normal rats and in rats bearing Walker 256 sarcoma. D-Glucosamine-1₁₄C was utilized as a means of following...... It is important that you carefully review the literature in order to know more about the field of study.

CHAPTER II

MATERIALS AND METHODS

TISSUE PREPARATION (1st level sample)

Tissue samples were prepared routinely from Holtzman male rats weighing

approximately 300 grams. Rats were secured from the Houston Cheek Co., Houston,

Texas.

Whole Homogenates (2nd level sample)

The bloated and weighed liver was cut into slices and homogenized with 0.1 M phosphate

buffer (pH 7.2) by 30 strokes in a glass homogenizer designed by Dr. Caputto...

DEAE-cellulose Chromatography (3rd level sample)

DEAE-cellulose was equilibrated with 0.02 M phosphate buffer (pH 7.2). It was

then packed to a height of 21 cm. in a 1.9 x 30 cm. column. The column was charged with

15 ml of an ...

Reminder: The appearance of the heading must vary for each level of subdivisions

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ANNOUNCES THE FINAL EXAMINATION OF

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FOR THE DEFENSE OF THE DOCTOR OF PHILOSOPHY DEGREE

GRADUATE COLLEGE

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