





This instruction packet has <u>3 important components</u>:

TIMELINE FOR FINAL ORAL EXAM / Dissertation Defense	page 2
DOCTORAL DISSERTATION REQUIREMENTS (instructions regarding format, san pages, etc.)	-
PROCEDURES <u>AFTER</u> THE FINAL ORAL EXAM (including instructions on electrosubmission of your dissertation and documentation that must be submitted to the Graduate	
Office)	

Use the checklist below to ensure that you have completed all steps required to graduate:

- 1) Ensure that your final oral examination committee has electronically reported the results in Seguidor, within 7 days after completion of the examination
- 2) Report on Doctoral Degree Form
- 3) Convocation & Accomplishments Survey Certificate of Completion
- 4) Graduate Program Effectiveness & Student Satisfaction Survey Certificate of Completion
- 5) Survey of Earned Doctorates Certificate of Completion
- 6) Proof of Submission to a peer-reviewed article, with the student's name listed as first author on the manuscript
- 7) Media Authorization Form
- 8) Electronic submission of your final dissertation to the DigitalCommons@UNMC

Refer to page 13 of this document for additional information about the steps listed above, including links to the surveys.

The Report on Doctoral Degree & Media Authorization forms are provided as the final 2 pages of this document.

Once you have completed all of the above steps, combine the documents outlined in steps 2-7 (above) in to **one single PDF and email the **single PDF** to the Graduate Studies Office (unmcgraduatestudies@unmc.edu) for **one single submission**. The Office of Graduate Studies will not accept the requirements document-by-document.



TIMELINE FOR FINAL ORAL EXAM / Dissertation Defense

- Prior to February 10th (for May graduation), June 10th (for August graduation) or October 10th (for December graduation): Complete the degree application on MyRecords.
- Recommended: Two-to-three months in advance of the approximate date of the Final Oral Exam, the student should consult with his/her Supervisor and Supervisory Committee and establish the tentative (unofficial) date and time for the exam. It is also advisable at this point to reserve the rooms in which the public and closed-door components of the exam will be held. Note that the Final Oral Exam must occur at least 2 weeks prior to commencement (graduation).
- <u>Recommended</u>: Approximately **6 weeks** prior to the tentative date of the Final Oral Exam, the dissertation should be presented to the Supervisor so that the student can receive feedback and revise the document, if necessary, before proceeding to the following steps.
- At least 4 weeks before the Final Oral Exam (at least 6 weeks prior to commencement), the dissertation must be presented to members of the Supervisory Committee. The student is responsible for ensuring that the dissertation is properly formatted (see DOCTORAL DISSERTATION REQUIREMENTS) and has been thoroughly checked for errors in terminology, grammar and spelling prior to presenting the document to the Supervisory Committee. It is also recommended at this time to request permission to include published materials in the dissertation (see DOCTORAL DISSERTATION REQUIREMENTS, page 2). During the ensuing period of at least 2 weeks, the members of the Supervisory Committee should review the dissertation to determine if it is of sufficient merit (based on preliminary scientific criteria) and in a fit condition (based on formatting and writing quality) to warrant holding the Final Oral Exam.
- At least 2 weeks before the Final Oral Exam: With approval from the Supervisor and Supervisory Committee, or if no serious objections are raised, the student must (via SeguidorTM) establish the Examining Committee and officially schedule the Final Oral Exam. The Supervisory Committee must agree to the date & time before this information is entered into Seguidor. The exam location must also be established at this time. Advance planning is necessary, because UNMC Graduate Studies policy prevents Seguidor from allowing exam scheduling within 2 weeks of the desired exam date. The exam may be scheduled more than 2 weeks in advance, but only if the Supervisory Committee has had at least 2 weeks to make a judgment regarding condition of the dissertation (see above).
 - o Although all members of the Supervisory Committee should serve on the Examining Committee, only members of the NU Graduate Faculty can serve as Graders (in Seguidor).
 - At least 3 Graduate Faculty members of the Supervisory Committee must be present for the Final Oral Exam, otherwise the exam must be rescheduled.
- At least 2 weeks before commencement: Final Oral Exam. It is recommend that you complete the Report on Doctoral Degree (see final page of the Ph.D. Dissertation and Graduation Instructions) and have your Supervisory Committee sign the form immediately following the exam (prior to leaving the exam room).
- No more than 7 days after the Final Oral Exam: Results of the Final Oral Exam must be reported to the Graduate Studies Office (via <u>Seguidor</u>). It is recommended that the Examining Committee complete this task immediately following the exam (prior to leaving the exam room).
- <u>At least 7 days before commencement</u>: All required graduation documentation (see PROCEDURES AFTER THE FINAL ORAL EXAM) must be submitted to the Graduate Studies Office, <u>and</u> the <u>dissertation</u> must be submitted electronically to the McGoogan Library for publication via the DigitalCommons@UNMC (see pages 14-15 of this document).



DOCTORAL DISSERTATION REQUIREMENTS

A - GENERAL REQUIREMENTS

The doctoral dissertation is a written document required by universities for the completion of the highest academic degree – the Doctor of Philosophy (Ph.D.). The purpose of the dissertation at UNMC is to provide written documentation of the research achievements of the student, thereby supporting awarding of the Ph.D. degree by the University of Nebraska.

The dissertation should be a complete and independent document that can be understood without reference to other materials. It should represent original research on a defined problem – research for which the student has taken primary responsibility. The dissertation presents proof that the student has the ability to ask questions relevant to some field of inquiry, that the student has developed an appropriate, detailed approach to addressing these questions, and that the student can gather data and interpret them in relation to the current status of the field. The research must therefore be the student's work, not the collective work of several people (even if others have contributed in a minor way).

The dissertation must be an <u>original</u>, <u>substantial</u> and <u>significant</u> contribution to the body of knowledge in the student's field. Original – indicating that the exact data or the interpretation of the data do not already exist in the knowledge base of the discipline. Substantial – indicating that the research presented is important to the field of study (not tangential nor of little relevance) and examines a question in depth. Significant – indicating that the research presented provides information that is useful to other scholars in the field, ideally of such importance that it will alter the thinking or perspective in the student's field of study.

B-FORMAT

- Margin Settings: Left = 1.5"; Right = 1"; Top = 1"; Bottom = 1"
 - Figures and tables must fit within the same margins as the text. If oversized figures or tables are included, they should have exactly the same margins as the text, or should be folded as needed to be contained within those margins.

• Fonts:

- The same font must be used in <u>all</u> elements of the document including all text, page numbers, headings, subheadings, tables, figure legends, etc.
- The main text font size must be a minimum of 10 pt; however, 11 pt is recommended.
- Recommended fonts for the main text: 11 pt Arial, 11 pt Helvetica, 11 pt Calibri, 11 pt Minion Pro Med, 11 pt Palatino Linotype, or 11 pt Times New Roman.
- Headings and subheadings may be in a larger font size, and may be in bold print, but the font must be the same as the one used in the remainder of the document. Consistency is necessary. If a large type is used for one subheading, the same size must be used in all subheadings of the same level. If the major headings and subheadings have two different font sizes, the larger font must be used in the major headings.
- <u>Line spacing</u>: The document must be **double spaced** (<u>except</u> figure legends, long headings/subheadings, and footnotes).
- Paragraph settings: Paragraphs should be preceded by a spacing of 6 pt and should begin with a Tab of 0.25" or 0.5" (do not indent the first line of a paragraph using the space bar). Paragraphs should be either left-aligned or justified (text aligned along both the left and right margins). Be sure to use the same paragraph settings for the entire body of the document. These paragraph setting constraints do not apply to headings and subheadings, which generally should be preceded by a spacing of 12 pt (or more) and may be either centered between the margins (major headings) or left-aligned (subheadings).

- <u>Hyphenation</u> should be employed to avoid unsightly gaps between words when using justified paragraphs (optional for left-aligned paragraphs). Words of less than 6 letters should not be divided by a hyphen at the end of a line. Divided words should not occur at the end of more than two consecutive lines or on the final line at the bottom of a page.
- Material contained in published manuscripts must be reformatted to dissertation specifications. Reprints of published material are <u>not</u> permitted in the dissertation. If you include material (text, figures, etc.) from previously published work, <u>you must obtain permission from the publisher</u> and you will need to upload proof of the publisher's permission when submitting the dissertation to the DigitalCommons@UNMC (see page 6).

<u>Note</u>: Journals are routinely asked for permission to include published materials in student dissertations. The process for obtaining such permission is usually included in the journal's Instructions for Authors.

- <u>Footnotes</u> should be single spaced and should be placed at the bottom of the page to which they pertain unless special instructions are provided by the department/program.
- <u>Page numbers</u> must appear in the header at the top right of each page (<u>except</u> the Title Page and Abstract). The page number may be 9 or 10 pt font, with the Header Position set at 0.5" from the Top and aligned with the right margin. Be sure to use the same font as the main text. For pages before the Introduction, use small Roman numerals (i, ii, iii, iv, etc.). Beginning with the Introduction, number all pages through the remainder of the document using Arabic numbers (1, 2, 3, etc.) <u>Steps for accomplishing this page numbering layout in Microsoft Word 2010</u>:
 - o To insert small Roman numeral page numbers for the initial portion of the document: With the cursor on the 2nd page of the document (not the title page), click on the Insert tab → Page Number → Top of Page → Choose the option showing the number positioned at right margin. In the Options section of the Design / Header & Footer Tools Tab, select Different First Page. Click on Page Number → Format Page Numbers → In the Number Format pulldown menu, select i, ii, iii, ... In the same Format Page Numbers window, ensure that the Page numbering Starts at i. Click on OK.
 - o To establish a different number format beginning with the Introduction: Position the cursor at the bottom of the page immediately before the Introduction. Click on the Page Layout Tab → Breaks → Section Breaks: Next Page. Then, click on the Insert Tab → Page Number → Top of Page → Choose the option showing the number positioned at right margin. In the Options section of the Design / Header & Footer Tools Tab, unselect Different First Page and unselect Link to Previous. Click on Page Number → Format Page Numbers → In the Number Format pulldown menu, select 1, 2, 3, ... In the same Format page Numbers window, ensure that the Page numbering starts at 1. Click on OK.
 - Unless you are very skilled with the section break and page numbering functions in your word processor, use a white shape (rectangle or circle; with no border) to obscure page numbers on the Title Page and Abstract pages.
- <u>Figures and tables</u> are generally presented one per page, although multipanel figures are allowed. Each figure should be numbered consecutively and have a legend that begins with the title/caption ("Figure 1: Giant spiral galaxy" in the example below) and includes all of the information needed to interpret the figure. The legend may appear on the page preceding the figure, or on the same page as the figure, being sure to use the same approach throughout the document. Each figure (with its accompanying legend) should appear in the document in close proximity to, but not before, the first referral to the figure in the text. The figures and legends should <u>not</u> be clustered at the end of the Dissertation.

The student should consult with his/her Supervisor to determine the preferred format.

<u>Useful tip</u>: For ease of editing the document and correct positioning the figures, do not insert figures and legends into the document until you have a complete draft of the entire dissertation.

Some departments/programs may prefer that figures be integrated within the main body of text, similar to the appearance of journals or magazines (see example shown here). Useful tips for implementing this specific approach are provided below:

Both the figure and its accompanying legend should be inserted within a single text box delineated by a thin black or grey line. (Do not simply draw a rectangle around the figure and its legend! Copy/paste the figure into a text box and type the legend within the same text box.) This will vastly facilitate



Figure 1: Giant spiral galaxy. This image taken with the Hubble Space Telescope Wide Field and Planetary Camera shows galaxy M101, which is estimated to contain at least 1 trillion stars (previously published in ref. 89).

- editing of the document and the positioning of the figure and its legend on the page you will only need to position the text box, because both the figure and the legend are contained within the text box.
- When using this approach, the figure legend may be 1- or 2-pt smaller font size than that used for the main body of text.
- o For most relatively small figures (such as the example shown here), format the text box (right click → More Layout Options) as follows: Text Wrapping → Wrapping Style = Square; Position → Horizontal alignment = Right relative to Margin. Do <u>not</u> select the Move Object with Text option, otherwise your text box will tend to "jump around" (move from page to page, or even disappear) as you edit the document!
- o If the table or figure spans most of the width of the page within the confines of the margins, format the text box (right click → More Layout Options) as follows: Text Wrapping → Wrapping Style = Top and bottom; Position → Horizontal alignment = Center relative to Margin. Do not select the Move Object with Text option.
- Once you have inserted the figures, display and editing of the document is most efficient if you activate "show picture placeholders" (Microsoft Word 2010: Select Customize Quick Access Toolbar → More Commands → Advanced → under Show document content, select Show picture placeholders. To view the figures as they will appear in the document, unselect this option.)

Similar criteria (and useful tips) apply to positioning of tables in the dissertation document. For example, tables must be numbered consecutively (Table 1, Table 2, etc.), include legends with titles/captions, and may appear on a dedicated page or in boxes within the body of text. Regardless of the figure/table presentation mode chosen by the student, the legend for any previously published figure or table must include the appropriate literature citation.

C - ORGANIZATION & CONTENT

The dissertation may contain some, or all, of the elements listed below. Those elements that are contained in the document must appear in the order listed and must be formatted as described. Each element should begin on a new page. Required items are indicated by the checkmark (\square).

☑ <u>Title Page</u>: Must be formatted and worded according to the sample attached (with some variation allowed for use of larger font size for the title and the student's name). Do not number this page.

Acknowledgments: You may acknowledge those who assisted you during your graduate studies.

- ☑ <u>Abstract</u>: The abstract is limited to 350 words including the title and must be typed in a format according to the sample attached. Do not number the pages of the abstract. Utilize the word count feature of a word-processing program to ensure that the abstract conforms to the 350-word limit.
- ☑ <u>Table of Contents</u>: The Table of Contents (sample attached) should provide the reader with an analytical view of the materials covered by the study, together with the order of appearance in the document. All headings and subheadings listed in the Table of Contents must agree word-for-word with the headings/subheadings appearing in the body of the document.

<u>Useful Tip</u>: The student is advised to spend a few minutes up front learning how to have their word-processing program (e.g. Microsoft Word) automatically generate a Table of Contents – this will save hours in the long run.

<u>List of Figures</u>: If any illustrative or graphic materials are used, a List of Figures must be provided. The figure titles/captions included in the list must agree word-for-word with the titles/captions appearing in the body of the work. Page numbers must be those on which the legend appears.

<u>Useful Tip</u>: The List of Figures can be generated automatically in Microsoft Word (which refers to this as inserting a Table of Figures) based on captions (figure titles) that you have inserted into the document.

<u>List of Tables</u>: If any tables are included in the dissertation, a List of Tables must be provided. Page numbers must be those on which the table appears. The List of Tables is can be generated automatically in Microsoft Word though the same process used for generating a List of Figures.

List of Abbreviations: Define each abbreviation used in the document, according to the sample attached.

☑ <u>Introduction</u>: This section should present a comprehensive and integrated presentation and critical analysis of the literature relating to the overall dissertation topic. It should also frame the questions addressed by the dissertation. The student is strongly advised to utilize citation/bibliography software (e.g. EndNote, Reference Manager, or RefWorks) for incorporating literature citations into the dissertation. The style of in-text citations should be chosen based on consultation with the Supervisor.

☑ Chapters: Two or more Chapters should follow, detailing the research project. The Chapters should be numbered (1, 2, 3, etc.), with each chapter bearing a title (e.g., CHAPTER 1: EFFECT OF THE AKITA MUTATION ON PANCREATIC ISLET FUNCTION). The Chapters should include a description of the procedures utilized in the research in sufficient detail to indicate that the student has a thorough understanding of the techniques used to answer the question and to permit others to replicate the work. There should also be a complete presentation of the research findings in a logical and clear fashion.

- <u>Unpublished work</u> should be presented in one or more Chapters that address well-focused questions or hypotheses. These chapters should include <u>only</u> work performed by the student.
- <u>Published work</u>. If some or all of the student's work has been published, the findings may be rewritten/reformatted and presented as Chapters, provided that you have received permission from the publisher (see page 2). Chapters of previously published materials <u>must</u> meet **three** conditions:
 - 1. the student must have been <u>first author</u> of the publication(s);
 - 2. the majority of the work described in the chapter(s) must have been done by the student; and
 - 3. work performed by others in the publications must be cited in the Acknowledgement section of the dissertation.

<u>Students should consult with their Supervisors for guidance in organizing the Chapters</u>. There is considerable flexibility in this regard. Some options are provided below:

- a. One option is for each Chapter to contain Introduction, Methods, Results and Discussion sections. This approach most readily accommodates rewritten/reformatted papers minus the reference citation list (as all citations in the Dissertation should be listed only in the overall Bibliography). A downside of this approach is that it is more difficult for the student to develop a detailed and analytical general Discussion section (see below) when viewing each component of his/her work in the context of free-standing papers.
- b. Another option is for each Chapter to present a very brief Introduction, detailed Methods and Results, and a brief Discussion. In this option, the major aspects of the introductory and discussion materials related to each Chapter would be included in the main Introduction and Discussion sections of the dissertation. This option forces the student to develop Introduction and Discussion sections that integrate all aspects of their research, rather than presenting free-standing papers as Chapters.
- c. A third option would be for there to be a Chapter entitled Methods, and another Chapter entitled Results. This option forces the student to fully integrate all aspects of their dissertation research even if the work has been (or will be) published as more than one paper. In this way, the student gains a broader perspective of the scope and relevance of his/her work. The nature of some projects may not readily accommodate this option.

Regardless of the approach employed for organizing the Chapters, the student should strive to avoid repetition of text/information presented in the general Introduction. In addition, the references should be fully incorporated into the overall Bibliography (there should <u>not</u> be a separate reference list for each Chapter). For a Chapter presenting previously published material, a footnote to the Chapter title should indicate such (e.g. "The material presented in this Chapter was previously published: Jones and Smith, Title, Journal citation...").

☑ <u>Discussion</u>: This section should address the results in terms of their importance, their limitations, their place in our current knowledge, the conclusions drawn based on the results, and the future directions or implications suggested by the results. The Discussion may address each Chapter's results separately; however, ultimately, it should tie together the various Chapters indicating the relationship of one to another, as well as their overall contributions to the field of study. Care should be taken to avoid repeating in this section material that is included in discussion sections of the various Chapters.

<u>Useful Tip</u>: Regardless of the option chosen for organizing material into Chapters, the Discussion would typically be at least 10 pages in length (and much longer for options b and c, above). This section of the Dissertation brings the entire project into perspective. Given the amount of thought and effort that the student has devoted to the project over a period of several years, he/she should be able to provide abundant insight into the significance of the work and future directions necessary to further advance the field. This is also a rare opportunity to offer unfettered (but reasonable) speculation regarding the relevance of their work.

☑ <u>Bibliography</u>: This section must provide complete listing of all literature cited in the dissertation. Each citation should list all authors (within reason; limit to 20 for reports of large clinical trials, for example), full title of the paper, journal name (standard abbreviations used by PubMed are acceptable), volume, range of pages (not simply the 1st page), and the publication year. The list may be arranged by order of citation or alphabetically by author, at the discretion of the student and his/her Supervisor.

<u>Useful Tip</u>: Do not waste time creating your own bibliography citation format within your reference citation software; rather, select one of the options provided by the software. There will be hundreds among which to choose.

<u>Appendices</u>: May include surveys, ancillary observations, detailed protocols developed for specific procedures, recipes for key reagents, etc. If there is more than one appendix, number them A-to-Z, and include a title for each appendix (e.g., APPENDIX A: PATIENT CONSENT FORM).

UNMC DOCTORAL DEGREE PROGRAM NAMES (for use on title page)

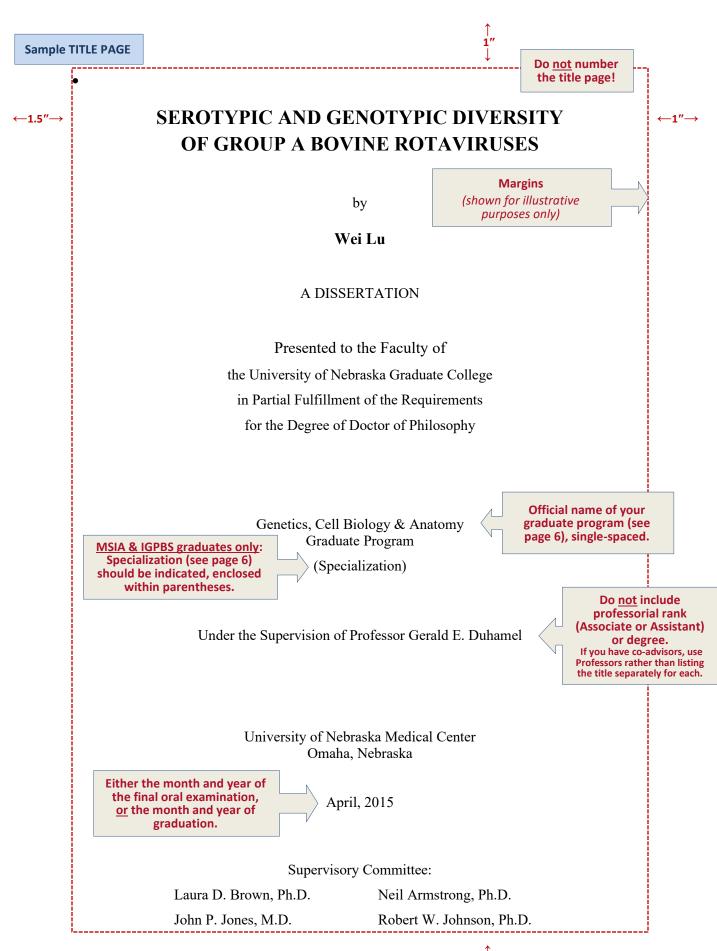
Official names of UNMC Doctoral programs, as approved by the Board of Regents:

- Biomedical Informatics Graduate Program
- Biostatistics Graduate Program
- Cancer Research Graduate Program
- Environmental Health, Occupational Health & Toxicology Graduate Program
- Epidemiology Graduate Program
- Genetics, Cell Biology & Anatomy Graduate Program
- Health Promotion & Disease Prevention Research Graduate Program
- Health Services Research, Administration & Policy Graduate Program
- Interdisciplinary Graduate Program in Biomedical Sciences
- Medical Sciences Interdepartmental Area Graduate Program
- Nursing Graduate Program
- Pathology & Microbiology Graduate Program
- Pharmaceutical Sciences Graduate Program
- Pharmacology & Experimental Neuroscience Graduate Program

Specializations (MSIA & IGPBS Only):

- Applied Behavior Analysis
- Biochemistry & Molecular Biology
- Bioinformatics & Systems Biology
- Biological Defense & Health Security
- Cancer Research
- Clinical & Translational Research
- Clinical & Translational Research Mentored Scholars Program
- Clinically Relevant Basic Research
- Health Practice & Medical Education Research
- · Immunology, Pathology & Infectious Disease

- Integrative Physiology & Molecular Medicine
- Molecular Genetics & Cell Biology
- Neuroscience
- Oral Biology
- Pathology & Microbiology
- Patient-Oriented Research
- Pediatrics
- Preventative & Societal Medicine
- Psychiatry
- Regenerative Medicine & Biomaterials Design



Do <u>not</u> number the pages of the abstract

←1″→

EVALUATION OF NUTRITIONAL METHODOLOGY AND EXPERI

←1.5″→

DESIGN IN THE STUDY OF RIBOFLAVIN DEFICIENCY:

ASSESSMENT OF PHYSICAL AND BIOCHEMICAL LESIONS

Larry H. Gerthoff, Ph.D.

The abbreviation "Ph.D." must follow your name on the <u>abstract only</u>.

University of Nebraska, 2013

Supervisor: Myron A. Mehlman, Ph.D.

experimental variables on the development...

This must be the year of your graduation.

The adequacy of some components of convention the study of riboflavin

deficiency was questioned. This thesis attempted to evaluate how several important changes in the experimental design affected the response of the albino rat to riboflavin deficiency. This was accomplished by analysis of a large variety of criteria including classical physical lesions and lesions in biochemical parameters associated with gluconeogenesis. The effect of the following

Page on which each heading & subheading appears (including Appendices)

TABLE OF CONTENTS

←1.5″ →	ACKNOWLEDGEMENTS	i ←1"→
	ABSTRACT	iii
	TABLE OF CONTENTS	. Vii
	LIST OF FIGURES	ix
	LIST OF ABBREVIATIONS	.xii
	INTRODUCTION	1
	Renal Anatomy & Physiology	1
	Diabetes Mellitus	.11
	Estrogen Receptors	. 17
	Hypothesis	
	CHAPTER 1: METHODS	.25
	Animals	
	Mouse Colonies	İ
	Induction of Type 1 Diabetes	
	Separation of Membrane and Cytosolic Fractions	
	Western Blotting & Immunofluorescence	
	Glomerular Filtration Rate	.31
	Urine and Plasma Assays	.33
	Statistical Analyses	. 35
	CHAPTER 2: RESULTS	. 36
	Tissue Distribution of Estrogen Receptors	. 36
	Estrogen Receptor Protein levels in Various Tissues	. 41
	Estrogen Receptor Localization in the Kidney	. 45
	Subcellular Localization of Estrogen Receptors in the Kidney	49



LIST OF ABBREVIATIONS

←1.5"→

4-AP 4-aminopyridine

AngII angiotensin II

[Ca²⁺]_i intracellular free calcium ion concentration

CMH 1-hydroxy-3-methoxycarbonyl-2,2,5,5-tetramethylpyrrolidine

DCFH-DA 2',7'-dichlorodihydrofluorescein diacetate

DETC sodium diethyldithiocarbamate trihydrate

DFX deferoxamine

DHE dihydroethidium

DM diabetes mellitus

DMTU dimethylthiourea

DNase deoxyribonuclease

E_K potassium equilibrium potential

ESRD end-stage renal disease

FCS fetal calf serum

GFR glomerular filtration rate

GIRK G protein-regulated inward rectifier potassium channel

GLUT4 glucose transporter (type 4)

HbA_{1c} glycated hemoglobin

H₂O₂ hydrogen peroxide

HEPES 4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid

HOCl hypochlorous acid

JGA juxtaglomerular apparatus

K_{ATP} channel ATP-sensitive potassium channel

BK_{Ca} channel large conductance Ca²⁺-activated potassium channel

←1"−

PROCEDURES AFTER THE FINAL ORAL EXAM

Listed below are the steps needed to graduate:

- o Complete the **Report on Doctoral Degree** (PDF form, fillable in Adobe Reader or Adobe Acrobat), print the form and obtain the appropriate signatures. The form is provided as the final page of this document.
 - <u>Useful Tip:</u> Have the members of your Supervisory Committee sign the form at the end of your successful dissertation defense (before leaving the exam room).
- Revise the Dissertation according to the recommendations of your Supervisory Committee. Revisions of the abstract
 and dissertation are normally made by the student in consultation with the PI/Supervisor, and are incorporated into
 the final versions of the abstract and dissertation.
- o Meet with your Supervisor to discuss placing an embargo on release of your dissertation once it is published in UNMC's online digital repository (DigitalCommons@UNMC).
- o Complete the electronic submission of your final dissertation to the DigitalCommons@UNMC, including specifying the embargo duration. (For detailed instructions, see pages 14-15).
- o Complete the online Survey of Earned Doctorates (SED).
 - The SED is an annual census (sponsored by the National Science Foundation and other federal agencies) that gathers data on students' educational history, sources of support, and their postgraduation plans. The results are used to assess characteristics of the doctoral population and trends in doctoral education at the national level.
- o Complete the online <u>Convocation & Accomplishments Survey</u>. You will find it useful to have your CV handy when completing this survey.
 - The information collected via this survey provides Graduate Studies with data that are needed for program evaluation, accreditation and other reports. It will also facilitate the celebration of your accomplishments at the Graduate Studies Convocation Ceremony, as well as allowing us to contact you in the future.
- o Complete the online Graduate Program Effectiveness & Student Satisfaction Survey.
 - The information collected via this survey will help Graduate Studies improve the education experience for future students. Please be thoughtful and truthful in completing this survey, and be reassured that the results are completely anonymous.

Once you have completed all of the above steps, combine the following documents in to **one single PDF** and email the **single PDF** to the Graduate Studies Office (unmcgraduatestudies@unmc.edu):

- o Certificates of Completion for each of the 3 surveys noted above.
- o Report on Doctoral Degree form.
- o Media Authorization form.
- o **Proof of submission** of dissertation research results for publication in a peer-reviewed journal, with the student listed as the first author on the manuscript. This proof may be a copy of the 1st page of the published article pdf, an email from a journal/publisher acknowledging receipt of a submitted manuscript, or an email notification that the manuscript has been accepted for publication.
 - o Shared first-authorship with another individual (i.e., author X and author Y contributed equally to this work) is acceptable with the Supervisor's written verification of the student's major role in the study.
 - Cochrane-style systematic reviews and meta-analyses are acceptable; however, narrative literature reviews do
 not satisfy this requirement.
 - o In extraordinary circumstances, the Supervisory Committee may request a waiver of the submitted publication requirement, or any aspect of the requirement. Such a waiver requires approval of the Dean of Graduate Studies.

The student is solely responsible for ensuring that all of the tasks listed above are completed, including submission of the appropriate documents prior to the deadline established by the Graduate Studies Office.

ELECTRONIC SUBMISSION THE DISSERTATION

After making any revisions requested by your Supervisory Committee, the final dissertation must be submitted electronically (as a PDF file) to the McGoogan Library of Medicine for deposition into the UNMC electronic repository (DigitalCommons@UNMC). There will be no opportunity for editorial or other changes in the dissertation after submission to the library. Once submitted, it will be reviewed by library staff before publishing. Before submitting, please read all relevant policies and/or submission guidelines.

The submission process consists of the following steps:

- 1. Read and accept the Submission Agreement (provided online at the beginning of the process)
- 2. Provide information about yourself and any co-authors
- 3. Upload your electronic file and associated files

Before you begin, please be sure you have the following items:

- The exact title of your dissertation
- The abstract (for ease of submission, you will want to copy/paste the abstract from a Microsoft Word document into the online abstract submission box)
- A list of keywords
- A PDF file of your work
- Electronic copies of copyright permissions (to be uploaded as Additional Files)

Embargoes & Restrictions

What is an embargo? An embargo is a delayed release of information. Consult with your PI/Supervisor about whether or not you require an embargo and the appropriate length of the embargo (6 months, 1 year, or 2 years). By default, a 6-month embargo will be applied. You will have an opportunity to establish a different embargo duration when uploading your dissertation. Your dissertation will not be available to download from the DigitalCommons@UNMC until the embargo has expired. The embargo begins the date of submission, not the date of online publication. If you choose not to embargo your work, it will be immediately available to the public.

Why would you want to embargo your dissertation? Some reasons to request an embargo include:

- There may be patentable rights or sensitive data in the work.
- There is an ethical need to prevent disclosure of sensitive information about persons, institutions, etc.
- You plan to submit portions of the work for publication in a journal.
- Your Supervisor plans to use some of the results as preliminary data for a grant.

Submission Instructions

- Once you have completed your manuscript and are ready to electronically submit it to DigitalCommons@UNMC, go to http://digitalcommons.unmc.edu/etd/ and click on the Submit Your Work link, located on the lower right hand menu bar.
- 2. You will be asked to login or create an account. Most graduates will need to **Create new account**. In order for you to receive monthly usage reports, please use your permanent email address.
- 3. Before proceeding, you must check your email to confirm your account.
- 4. Once confirmed, you will be directed to the **Submission Agreement**. Please read the agreement and accept the terms.

- 5. You will now see a form in which you must enter all of the required information title, keywords, PI/Supervisor(s), abstract, etc. Note that the Date of Award should be the date on which your degree will be conferred (commencement/graduation day).
- 6. At the end of the form, you must upload your manuscript (Upload Full Text) as a PDF file.
- 7. Upload **Additional Files** associated with your dissertation, <u>including documentation that you have permission to use copyrighted materials and materials that have already been published</u> (e.g., in a journal article). This is also the point at which you can upload audio, video, animations, simulations, etc.
- 8. After reviewing the submission, the library will notify the Graduate Studies Office that the submission process has been completed.
- 9. The document will be available for download from DigitalCommons@UNMC at the end of the embargo period (if any).

BOUND COPIES OF THE DISSERTATION

Neither the Graduate Studies Office nor the McGoogan Library of Medicine requires hard copy or bound copies of the dissertation; however, the library will arrange for binding of as many copies as requested with payment of the binding fee (\$25.00 per copy). All copies intended for binding should be printed <u>single-sided</u> on high quality photocopy paper. Each student should consult with his/her Supervisor regarding the number of bound copies of the dissertation that should be prepared. Some common practices are listed below:

- Some graduate programs require that one bound copy of the dissertation be filed in the departmental office that administers the program.
- Ordinarily, one bound copy is presented to the PI/Supervisor who directed the study.
- In some graduate programs, it is customary for the student to present a bound copy to each member of his/her Supervisory Committee.
- Students should also consider providing a bound copy for their parents (they will be very proud!), as well as keeping one copy for themselves.

THE UNIVERSITY OF NEBRASKA REPORT ON DOCTORAL DEGREE

Date				
TO THE REGISTRAR:				
concerning the requirements for the Doctor of Philosophy	has been reported as follows degree.			
All requirements established by the				
Program have been satisfied, as attested by:				
	Graduate Program Director (signature)			
and each member of the student's Supervisory Committee	e (signatures):			
Chair	Co-Chair (if applicable)			
Dissertation Title:				
Under the supervision of				
FOR USE BY THE OFFICE OF GR	ADUATE STUDIES ONLY			
The candidate is therefore to be reported to the Faculty requirements for the above mentioned degree.	of the Graduate College as having fulfilled all			
	Dean for Graduate Studies			



MEDIA AUTHORIZATION FORM

In accordance with the Family Educational Rights and Privacy Act (FERPA), the undersigned student hereby grants to the Board of Regents of the University of Nebraska, its campuses, its representatives, employees, agents and assigns, the irrevocable and unrestricted right to use, reproduce and publish photo/video of me, including my image and likeness as depicted therein, which are identified below, for editorial, trade, advertising or any other purpose and in any manner and medium, and to alter the same without restriction and to copyright the same.

I hereby release the University of Nebraska, its components, campuses and its Regents, officers, employees, agents, legal representatives and assigns from any and all claims, actions and liability related to its use of said photographs.

I recognize by signing below, I waive any right to royalties or other compensation arising from or related to the use of the photo and/or video. My signature below also grants the University of Nebraska the use of my image for seven years from the date on this form.

Graduate Studies Convocation				
	(Name of event, pro	ject, and/or location)		
Date	Student Signature or parent/guardian if age 19 or under			
STUDENT INFO	ORMATION:			
Phone	Printed Name			
Current AND P	Permanent Address (City, State	e, Zip)		
Email Address	3			
REQUESTOR		Other information:		
H. Dele Davies Name/Departi	s/Graduate Studies/Deanment/Title			
402-559-5131 Contact Inform	mation			

