

THESIS AND DEFENSE GUIDELINES

A student who wishes to write and defend their thesis must be in “active student” status.

The Thesis Dissertation

The graduate Thesis, or Dissertation, is the all-encompassing document describing original research carried out by the graduate student in the laboratory. In general, the research has been structured to answer a question or group of questions, or to explore particular hypotheses, and has resulted in a body of novel data. The historical background, the scientific context of the experiments, and the data are presented and discussed extensively in the Dissertation. It is expected that the research carried out to generate the Thesis Dissertation will also result in published papers in recognized scientific journals, for which the student is the first author. The Graduate Division requires that at least one first-author manuscript must be submitted before a student may defend the Thesis. If this manuscript is not yet accepted for publication, the submitted draft must be appended to the Thesis. All collaborative work that contributes to the Thesis Dissertation must be clearly indicated in the text.

Manuscript Requirement to Graduate:

Students are required to publish at least one first-author paper, or if not, to document and append to the Thesis, the final draft of a submitted first-author manuscript. The manuscript should be indicated as In press, or Submitted (and to which journal), or In revision (for which journal).

A co-first authorship paper meets the requirement. The Graduate Division does not set a requirement for a specific number of published manuscripts, and it is expected that some of this work may be published following the Thesis Defense. However, it is not unusual for the Thesis Dissertation research to comprise two to three publications in which the student is the leading author. All collaborative work that contributes to the Thesis Dissertation must be clearly indicated in the text. Each Chapter should indicate which publications (if any) are represented by the described work.

More guidelines for preparing the Dissertation can be found in the section titled, “Instructions for Preparing the Dissertation” (page 7).

The Thesis Defense Committee

Composition of the Thesis Defense Committee

Every candidate for the PhD degree must submit a Dissertation and pass an oral examination of their Thesis (the Thesis Defense) by a Thesis Defense Committee.

The Thesis Defense Committee is selected by the student and the mentor and must:

- Consist of a minimum of five members.
 - At least four of the five members must be from the departments that comprise the Graduate Division.
 - One member must be designated as the Committee Chair who must be a senior member of the faculty (Professor or Associate Professor). The Chair does not have to be a member of the student's home department.
 - At least two members must hold a primary or secondary appointment in the student's home department.
 - Inclusion of an examiner from outside the institution with expertise in the area of the student's research is desirable, although the fifth member of the Committee may be an additional member of the Basic Science (or PCI) faculty. The outside examiner may also be associated with a company/corporation as long as he/she has held an academic appointment in the past.
- Students are strongly encouraged to designate a sixth faculty member as an alternate in the event that an examiner cannot attend the Thesis Defense. There must be five members present at the Thesis Defense.
- The name of any Thesis Defense Committee member who was a collaborator with the student must be indicated by the check box on the submitted Thesis Defense Committee Form.
- The student's mentor and/or co-mentor cannot serve on the Thesis Defense Committee although the mentor and/or co-mentor is present at the Thesis Defense.
- If the student has an associate (contingent) mentor, this mentor cannot serve on the Thesis Defense Committee. An associate mentor is a Basic Science faculty member designated by the student and primary mentor to oversee the student's laboratory research while the primary mentor is physically no longer at Einstein or away on sabbatical.

Scheduling of the Thesis Defense

The Thesis Defense and Seminar are scheduled by the student, who is responsible for finding the rooms and confirming that all members of the Thesis Defense Committee can attend. The Thesis Seminar is usually scheduled immediately before the actual defense.

Please note: No Thesis Seminar or Defense can be scheduled on official school holidays as indicated on the Academic Calendar (<http://www.einstein.yu.edu/education/phd/current-students/calendar.aspx>) and Department of Human Resources calendar (<http://yu.edu/hr/holidays/>)

Presentation of a Public Seminar

The presentation of a public seminar at the College of Medicine is required for successful completion of the PhD degree. This seminar also fulfills a New York State requirement that a PhD candidate demonstrate his or her ability to present scientific material in public. This seminar is usually presented immediately preceding the defense. A copy of the announcement of the seminar must be forwarded to the Graduate Division office for inclusion in the student's file. An announcement of the time, place and subject of the public seminar should be widely disseminated at the College of Medicine, and a draft copy

of this announcement should be included with the Thesis Defense Committee form submitted to the Graduate Division office.

Approval of the Thesis Defense Committee

The Associate Dean for Graduate Programs must approve all Thesis Defense Committees, according to the designated criteria established by the Graduate Executive Committee. At least two months prior to the scheduled defense date, a completed Thesis Defense Committee form must be submitted to the Graduate Division office with a Curriculum Vitae (CV). This form states

- the title of the Dissertation,
- the members of the Thesis Defense Committee (signature of Committee Chair is required),
- the date at which the required public seminar will be held (the Seminar Announcement),
- the date at which the mandatory thesis workshop was attended,
- the signatures of the appropriate Department Chair and the mentor,
- the abstract of the Dissertation, and
- a list of publications.

International students on a student visa must have their Thesis Defense Committee form approved by the Einstein International Students and Scholars Office (ISSO).

Once the Thesis Defense Committee has been approved by the Associate Dean, the Thesis Defense Committee has full authority to recommend the award of the PhD degree to the Associate Dean. The Associate Dean will not consider Defense Committees from students whose course work or Qualifying Examination is incomplete.

All subsequent changes in Thesis Defense Committee must be approved by the Associate Dean. In the event that changes in the Committee must be made, and the Associate Dean is not available for consultation, the approval of the appropriate Department Chair should accompany the final report of the Committee.

Please note: All students who are planning a defense must attend the Thesis Defense workshop on plagiarism and proper reference citation offered in September.

Submission of the Thesis to the Committee

The Thesis must be presented to all members of the Thesis Defense Committee at least three weeks before the scheduled defense date. A member of the Thesis Defense Committee may require a postponement of the Thesis Defense if this requirement is not met. Within one week after the Thesis is delivered (two weeks prior to the defense) any Thesis Defense Committee member may request a pre-defense meeting of the Committee if, in the opinion of the Committee member, the Dissertation is not defensible. All expenses related to the defense and the Thesis are the responsibility of the student's Department. An honorarium is not appropriate and will not be provided by the Graduate Division.

Conduct of the Thesis Defense

The purpose of the Thesis Defense is to demonstrate in an oral form the knowledge and skills acquired to carry out research that provides new information on a significant problem. The following are recommended guidelines for conducting the Thesis Defense:

The Thesis Seminar, whenever possible, should immediately precede the Thesis Defense.

The Chair of the Defense Committee should be selected by the student and mentor, and must be a senior member of the faculty (see “Composition of the Thesis Defense Committee,” page 2). The Chair will have received the Thesis Defense Committee Report Form from the Graduate Division office and will bring this to the defense. The Defense Report form is also available on the Graduate Division website (<http://www.einstein.yu.edu/education/phd/current-students/thesis.aspx>). The Chair will identify to the group any members of the Defense Committee who have acted as a collaborator during the course of the student’s research, and will confirm that the manuscript submission requirement has been met.

At the commencement of the defense, the student should be excused and the Chair (and/or mentor) will then provide a profile of the student’s background, course work, and publication record.

The Chair, in consultation with the examiners, will then determine how the Thesis Defense will be conducted.

If any of the examiners expresses a serious concern with the content of the Thesis, a strategy should be developed whereby the questioning can address these concerns in a constructive manner.

The student will then be asked to return and the exam can commence. If a Thesis Seminar was not given immediately prior to the defense, the student should give a short (~10 minutes) synopsis of the major findings of his or her research.

It is strongly recommended that an external examiner be invited to the Thesis Defense. If an external examiner has been invited to participate in the Thesis Defense, it is recommended that this examiner be invited to commence the questioning period. Examiners will be allowed a ~10 min question period in turn, with the opportunity to have a second round of questioning. Alternatively, questions will be permitted to follow logically from the initial set of questions, with examiners sharing the examination period.

The mentor or co-mentors may be present during the defense, but cannot ask questions, and are not expected to answer any questions for the student unless clarification is asked for from the examiners.

The Chair should ensure that the defense is conducted in a professional manner, and that each examiner has the opportunity to ask questions. The Chair should also ensure that the length of the exam is appropriate. A typical exam period is 1 to 2 hours.

After the Chair has determined that the defense is at an end, the mentor and the student are asked to leave the room. The Thesis Defense Committee vote is confidential and the mentor should leave the room together with the student during the voting procedure. The defense is discussed, and a decision is made.

The decision is determined by majority vote. If the vote is for “minor revision” then the grade is Pass and the mentor is usually given the responsibility of checking the final revised document. If the vote is for “major revision”, a member of the Committee or subcommittee is usually assigned to review and accept the corrections on behalf of the parent committee. A decision for “major revision” results in the grade of Conditional Pass (see below, “Evaluation of the Dissertation and the Thesis Defense”).

Evaluation of the Dissertation and the Thesis Defense

A Thesis Defense Report Form is available on the Graduate Division website (www.einstein.yu.edu/phd). When the examination is complete, the members of the Committee will sign the form, and the Chair of the Thesis Defense Committee will return the completed form immediately to the Graduate Division office. Students may receive a grade of *Pass*, *Conditional Pass* or *Fail* for the examination by majority vote of the Committee.

A grade of *Conditional Pass* will require the student to complete additional work on the thesis as set forth by the Committee. The report of the Committee will contain any recommendations for rectifying deficiencies if a grade of *Conditional Pass* has been given. Unless specified otherwise by the Committee, all deficiencies must be corrected within a period of two months of the date of the examination. *The revised thesis must be submitted to the Chair of the Thesis Defense Committee three weeks prior to the final deadline date.* If the deficiencies are not corrected to the satisfaction of the Committee (or the designated sub-committee), or not completed within the two-month deadline, the grade of *Conditional Pass* will be changed to *Fail*.

In the event of a grade of *Fail*, re-examination is at the discretion of the appropriate Department. The Department and the student’s Advisory Committee, working together with the student and mentor, must submit a written plan to the Associate Dean for completion of the PhD degree. The grade of *Fail* for the defense will lead to review by the Academic Affairs Committee and, in some cases, may lead to dismissal from the PhD program.

Completion of All Requirements After Successful Thesis Defense

All thesis requirements must be fulfilled before a candidate can be recommended for the Doctor of Philosophy degree.

Absolutely Required for the PhD Degree

The following must be submitted to the student’s home Department:

- Thesis copies:
No diploma will be granted until **five copies of the Thesis**, printed on good quality paper, in final form, (including the signatures of the candidate and his/her thesis mentor (and co-mentor, if applicable) on the title page) is submitted. Copies of the Thesis will be distributed as follows: a bound copy to the student's thesis advisor; a bound copy for the student's home

Department; a bound copy to the student; a bound copy for the Samuel Gottesman library; an unbound copy for microfilming (this copy will be returned to the student after microfilming).

- **Two copies of a 350-word dissertation abstract** are required for the microfilming copy. This reduction in length will allow University Microfilms International (also referred to as “ProQuest”) to provide an on-line, computerized version for Dissertation Abstracts International. (The following method for counting to remain within the 350 word limit may be helpful:- maximum 2,450 typewritten characters for the abstract, averaging 70 characters per line with a maximum of 35 lines).
- A signed and completed **Doctoral Dissertation Publishing Agreement Form** (Proquest UMI Dissertation form). This agreement form is for microfilming and copyrighting of the Thesis.
- **Written permission from the copyright holders** if copyright material by the student (e.g. publications) or other authors, (e.g., tables, charts, pictures, etc.) are included in the Dissertation. Students must obtain permission to use previously copyrighted materials. For further copyright guidelines, go to <http://www.proquest.com/en-US/products/dissertations/copyright/>.

The following must be submitted to the Graduate Division office:

- The **PhD Diploma Form** indicating the student’s full name as it should appear on the PhD diploma.
- A copy of the **signed Thesis Title page**. All signatures must be present.
- A signed and completed **Survey of Earned Doctorates Form**.
- The **PhD Alumni Survey** providing a forwarding address and a description of the student’s next professional position.
- The **Graduate Student Publications and Awards Form** which is to list all publications including all published papers and manuscripts in preparation.

The following must be submitted to the Office of Student Affairs:

- **Graduation Application Form**

Change in Status

- All corrected/final copies of the Thesis and all additional paperwork must be submitted prior to departure from the institution and/or starting a new position.

- A student who has successfully defended the Thesis and completed all requirements for the PhD degree will no longer be an “active student.” If the student is to remain at the institution, the student’s status must be changed to that of “Postdoctoral Fellow.”
- All corrected/final copies of the Thesis and all additional paperwork must be filed *within 3 months* after the successful Thesis Defense. If all paperwork and corrected Thesis copies have not been submitted within three months of the Thesis Defense, the student will be placed on *unpaid* Academic Leave of Absence. *Note:* students on an F1 visa are not eligible for an Academic Leave of Absence.

Change in Status for International Students

International students who have been studying at the Einstein on a student visa and intend to remain in the U.S. for further training must apply for “practical training” at least three (3) months prior to the date of the PhD Thesis Defense. Visa restrictions and requirements change frequently. Students are strongly advised to consult the International Students and Scholars Office (ISSO) at Einstein well in advance of any anticipated change in status.

Granting of the PhD Degree

All academic requirements must be fulfilled and communicated to the Associate Dean on or before the deadline dates for each of the official graduation dates as indicated on the Academic Calendar. This includes completion of all coursework and other Departmental requirements, successful defense of the thesis (*Conditional Pass* is not sufficient), completion of all revisions, deposit of five copies of the Thesis in the Department office, and completion of all required paperwork. Certification of receipt of the PhD degree may be made by the Associate Dean at any time during the year and formal award of the degree will then be made at the subsequent regular commencement exercises of the College of Medicine. The degree granting dates are: 1) the end of September, 2) end of January, and 3) the date of the College of Medicine Commencement exercises conducted at the end of May or beginning of June. **All financial obligations to the College of Medicine must be met prior to the release of the diploma.**

Participation in the Annual Commencement Ceremony

In order to participate in the Commencement Ceremony, all academic requirements must be fulfilled and communicated to the Associate Dean **on or before April 26th**. This includes completion of all coursework and other Departmental requirements, successful defense of the Thesis (*Conditional Pass* is not sufficient), completion of all revisions, deposit of five copies of the Thesis in the Department office, and completion of all required paperwork. **There will be no exceptions to this deadline.**

Instructions for Preparing the Dissertation

Two Dissertation formats are generally accepted by the Departments within the Graduate Division. Students must consult with the appropriate faculty in their Department to insure that their Dissertation format is acceptable by their Department. ‘Format A’ is the traditional organization of a Dissertation. ‘Format B’ is organized with each chapter corresponding to a published (or in preparation) journal article. However, it is emphasized that a collection of published papers cannot be submitted in place of a Dissertation. An improperly prepared Dissertation may be returned to the student by the Committee without review.

General Instructions

In general, successful theses range from 125 – 225 pages without references.

- i.) *Manual of Style*: On points of style (including capitalization and punctuation) not covered by the above, follow the recommendations of your Department. The style selected should be adhered to strictly and consistently. If no style is preferred by the Department, the *Manual for Writers of Dissertations* by Kate L. Turabian, University of Chicago Press, should be used.
- ii.) *Line Spacing*: The text of the Dissertation is to be double-spaced except for indented quotations, footnotes, figures, legends and bibliography, which are to be single-spaced.
- iii.) *Required font for text*:
Arial 11 pt.
Helvetica 11 pt.
Times New Roman 12 pt.
- iv.) *Paper*: The final copies of the Dissertation are to be printed on 8 1/2" x 11" high quality paper (24 lb.) that is not punched or perforated in any way.
 - (a.) Copies submitted to the Thesis Defense Committee may be:
 - 1) duplicated on standard photocopy paper,
 - 2) printed double sided and,
 - 3) secured using either a three-hole binder or a spring binder.
- v.) *Pagination*: Every paper in a Thesis is assigned a number typed on it. There are two series of page numbers. The first, in small Roman numerals, begins with the title page and ends with the last page preceding Chapter I. The second series, in Arabic numerals, begins with the first page of Chapter I and continues throughout the Dissertation, including graphs, illustrations, tables, bibliography and appendices.
- vi.) *Margins*: The margins at the top, bottom and right are to be 1.0 inch; the left-hand margin is to be 1.5 inches. All tables, charts and illustrations are to have left-hand margins of no less than 1.5 inches because of binding requirements. Any over-size material may be folded in from the right, top and bottom in such a way as to leave a 1.5 inch margin on the left side.
- vii.) *Spelling*: The spelling given in any standard dictionary may be used. However, whatever forms are adopted should be adhered to consistently throughout the text of the Dissertation.
- viii.) *Quotations*: Quotations of more than three lines should be single-spaced, set off from the text in a separate paragraph and indented four spaces, with double-spacing between paragraphs. Opening and closing quotation marks are omitted. Quotations of three lines or less are enclosed in quotation marks and are run into the text.
- ix.) *Tables, Figures, Reproductions*: The recommendations of the style manual are to be followed in preparing tables, figures and other graphic materials. Tables and Figures and all legends should be embedded into the document.

Tables are numbered consecutively throughout the Thesis. The word TABLE, followed by the appropriate Arabic numeral, is placed above the caption.

Figures are numbered consecutively in Arabic numerals, with the word "Figure" (only the first letter is capitalized) and the appropriate numeral appearing before the caption. If possible, figures should be oriented in the "portrait" configuration. Submitted figures should be of sufficiently high resolution to be interpreted by the reader. Figures may be embedded into the text, with text wrapped around, or embedded as separate pages. In either case, make sure that the Figure Legends are adjacent to the figures and easy to find and read.

- x.) Digital media or jpeg for high resolution images may be submitted on an accompanying CD-ROM.
- xi.) *References and Footnotes:* References to published articles should be cited by author and year (i.e. Student and Mentor, 1995, or Student et al., 1995). Every reference listed must appear in the bibliography (see "Bibliography" on page 7).

Footnotes are to be placed at the foot of the page and numbered consecutively for each chapter.

The generally accepted Thesis formats (Formats A and B) are described below. The format chosen must be maintained throughout the Dissertation. Students must discuss with their mentor the Dissertation format acceptable to their Department.

FORMAT A

- i.) *Introduction:* The comprehensive Dissertation begins with a scholarly introduction (Chapter I). This section should include a historical review of the student's area of research followed by a critical evaluation of the current status of the field. The student should then present working hypotheses and give an introduction to the system and the thesis research. The student should consult with his or her mentor in order to agree upon how extensive a historical review is appropriate to the Dissertation.
- ii.) *Methods and Materials:* The protocols and procedures used in the Dissertation studies should be presented in sufficient detail to allow reproduction of the experiments (Chapter II). A Dissertation provides an appropriate vehicle for experimental details that might be omitted from journal articles due to space limitations.
- iii.) *Results and Discussion:* Chapters III ...n of the Dissertation should present the results of the conducted studies followed by a discussion of their significance. The format for these chapters should follow that in the suggested manual of style or of a highly respected scientific journal, mutually agreed upon by the student and the mentor.
- iv.) *Conclusions:* A Dissertation should end with a general discussion of the studies that have been conducted including an assessment of the significance of the research, arguments of interpretation, evaluation of material included in appendices, and a plan for the experimental resolution of unanswered questions.

FORMAT B

- i.) *Introduction:* The comprehensive Dissertation begins with a scholarly introduction (Chapter I). This section should include a historical review of the student's area of research followed by a critical evaluation of the current status of the field. The student should then present working hypotheses and give an introduction to the system and the thesis research. The student should consult with his or her mentor in order to agree upon how extensive a historical review is appropriate to the Dissertation.
- ii.) *Manuscripts:* The body of the Thesis should be in the form of manuscripts that have been or are ready to be submitted for publication in a scholarly journal. Note that the format and style requirements described above must be adhered to for each and every chapter of the Dissertation. Each manuscript will constitute a chapter and will include a brief Introduction, Methods and Materials, Results, and Discussion. The candidate must be the first author of these manuscripts and must be responsible for their preparation. A footnote to the introduction must give bibliographic information for manuscript constituting the chapter. This information should include the full names of the authors, institutional affiliations, the journal and the status of the manuscript (i.e., submitted, published or in press)
- iii.) *Separate Chapter for Unpublished Data:* If the student is not first author: One of several options may be appropriate in cases in which the student is not first author of a manuscript that is to be presented in the Dissertation as a chapter: 1) The student may extract his or her own work from the manuscript for presentation in the Dissertation; 2) The manuscript may be included as an appendix to the Dissertation; 3) The manuscript may be included as a chapter if the student was responsible for the preparation of a significant portion of the manuscript. For all multi-authored manuscripts, the exact contribution of the student should be stated in an introductory statement or footnote preceding each chapter or in the appendix. If figures from a multi-author manuscript are used, it is imperative to indicate which figures are the student's work and which represent the work of other authors. In all cases in which figures are used, appropriate acknowledgement must be given. In addition, any contributions of co-authors must also be specified in the acknowledgment section.

Wherever pertinent, coworkers and helpers and other contributors should be acknowledged in the body of the text.
- iv.) *Conclusions:* A Dissertation should end with a general discussion of the studies that have been conducted including an assessment of the significance of the research, arguments of interpretation, evaluation of material included in appendices, and a plan for the experimental resolution of unanswered questions.

The following sections of the Dissertation are common to both formats:

- i.) *Title Page:* The title page is to list at the top the title of the Dissertation (which should not exceed seventy-two (72) letters and spaces), student's full name and signature, the full name and title of the Thesis mentor (and Co-mentor, if applicable). At the bottom of the title page, the following statement should be included:

"Submitted in partial fulfillment of the requirements for the Degree of Doctor of Philosophy in the Graduate Division of Medical Sciences, Albert Einstein College of Medicine, Yeshiva University, New York, (month and year)."

A sample page is shown at the end of this section which illustrates the format. The date given on the title page is when the final Dissertation (Thesis document) is submitted, not the date of the defense.

- ii.) *Abstract:* The abstract of the Dissertation is to include: a hypothesis, the procedures followed, the significant results and the general conclusions. The abstract is to be presented on a separate page headed with the word ABSTRACT in capital letters centered on the page. On the next line is the title of the Dissertation. The following line is the full name of the student. The length of the abstract must not exceed 600 words. (Please note the separate instructions for the 350 word microfilm copy abstract described in the first section of this manual.)
- iii.) *Acknowledgments:* This feature is not required, but offers a convenient opportunity to express the writer's appreciation to persons who have been especially helpful or to the publishers of materials from which data have been drawn and to whomever else acknowledgment should be given. The appropriate training or research grants should also be acknowledged in the Dissertation.
- iv.) *Table of Contents:* The table of contents should list the chapters or other division headings of the Dissertation, using the same words that appear in the body of the report. The numbers of the pages on which these items appear should also be given. The table of contents is to be followed by separate page listings for tables and for figures and illustrations.
- v.) *Bibliography:* The format for the references included in the bibliography should follow that in the suggested manual of style or a highly respected scientific journal. At a minimum, each reference must include the names of all authors, the title of the article, the name of the journal, the volume number and the pages of the article. Titles of articles must be included. The bibliographies of the Dissertation may be compiled for each chapter separately or together at the end of the Dissertation, at the discretion of the mentor and the student.
- vi.) *Supplementary Materials and Methods:* It may be appropriate for a more extensive presentation of Materials and Methods to be given in an appendix where it may be helpful to other investigators who wish to utilize procedures developed by the candidate. The candidate may also wish to include as appendix material more detailed presentations of data than appropriate for a scholarly journal or thesis.
- vii.) *List of Abbreviations:* A full and complete list of all abbreviations used in the text must be included.
- viii.) *Appendix:* The appendix may include but is not limited to:
 - Published papers – reprints, and/or submitted manuscripts. Published articles and/or submitted manuscripts must be included in the Thesis Appendix; printed PDFs are

sufficient. The Appendix pages may be separately numbered, if desired. The page numbering in the Appendix does not continue from the Thesis page numbering.

- Drafts of manuscripts expected to be submitted shortly
- Surveys of patient or other data
- High resolution figures
- Computer programs

Including Published Work in the Thesis

Students are strongly encouraged to submit their Dissertation studies for publication in peer-reviewed journals during the course of their studies. In order to fulfill copyright obligations, papers published by graduate students before the Thesis Defense, that are intended to be included in the Dissertation, should carry the footnote:

"Data in this paper are from a thesis to be submitted in partial fulfillment of the requirements for the Degree of Doctor of Philosophy in the Graduate Division of Medical Sciences, Albert Einstein College of Medicine, Yeshiva University".

All publications for which the student is first author should be appended (as reprints) to the submitted Thesis. Published articles and/or submitted manuscripts must be included in the Thesis Appendix; printed PDFs are sufficient. Co-first authors are allowed. If there are no first-author publications at the time of Thesis submission, a submitted first-author manuscript must be appended in place of reprint(s), even if this draft ultimately requires additional experimental results. The manuscript should be written in the style of a specific (indicated) journal.

Copyright Permissions

Students must obtain permission to use previously copyrighted materials. For further copyright guidelines, go to <http://www.proquest.com/en-US/products/dissertations/copyright/>.

Plagiarism

Plagiarism is the appropriation of another person's ideas, processes, results, or words without giving appropriate credit. All documents prepared as part of a student's academic or research activities should be free of plagiarism. This includes, but is not limited to, written examinations in classes, Qualifying Exam proposals, Thesis proposals, fellowship applications, manuscripts, and the PhD Thesis.

Sample title page for doctoral dissertation

AN EVOLUTIONARY VIEW OF THE MYC NETWORK IN
GROWTH CONTROL AND DIFFERENTIATION

by

Nicole Schreiber Agus

Candidate:

Thesis Advisor:

Signature

Signature

Nicole Schreiber Agus
Name

Ronald A. DePinho, M.D.
Name

Associate Professor of
Microbiology and Immunology
Title

Submitted in partial fulfillment of the requirements for the
degree of Doctor of Philosophy
in the Graduate Division of Medical Sciences

Albert Einstein College of Medicine
Yeshiva University
New York
June 1, 1994

These guidelines and all forms pertaining to the Thesis Defense and Graduation can be found on the Graduate Division Thesis website at:

<http://www.einstein.yu.edu/education/phd/current-students/thesis.aspx>