

**Standards for the Preparation of Theses and Dissertations
at the University of Massachusetts Boston**

**Office of Graduate Studies
Quinn Administration Building
3rd Floor, Room 069A
617-287-5700**

**February 15, 2007
Supersedes All Previous Editions**

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INTRODUCTION [top ^](#)

These standards provide information for the preparation of the final manuscript following the thesis or dissertation defense and for the submission of the work to the Office of Graduate Studies (OGS), after the final review of content and style by your major advisor. Please read them carefully and in their entirety. They are to be used in conjunction with the specific format and styles manual adopted by your academic program and accepted by the Office of Graduate Studies. **These instructions should be used from the moment you begin your dissertation or thesis, and not as an afterthought to correct format.**

Throughout the preparation of your thesis or dissertation you should keep in mind that your manuscript will be considered a published work and not a pre-publication document. Some style manuals, especially those issued by professional associations, are intended to guide the preparation of an article for editorial review and revision; therefore you may encounter requirements in those manuals which are not applicable to the preparation of a thesis or dissertation. For example, pre-publication manuals often instruct that the reference section of the work be double-spaced, while correct thesis/dissertation form in the reference section is single-spaced.

The requirements presented below are effective as of February 15, 2007, and any thesis or dissertation submitted after this date must follow them. *You should not use theses or dissertations written prior to this date as models for manuscript preparation and formatting, since they may not conform to the current standards.* If you have questions, contact your program director.

PROCESS OF SUBMISSION [top ^](#)

DEADLINES FOR SUBMISSION:

INITIAL SUBMISSIONS:

- By 5:00 PM on the dates below, you must submit a copy of your thesis/dissertation, approved in full for **content** by your program, to the Office of Graduate Studies (OGS). If the date given falls on a weekend, the deadline transfers to the Monday following that date.

August 1	for an August degree date (Master's Degree only)
December 1	for a December degree date
April 15	for a June degree date

FINAL SUBMISSIONS:

- Before your final submission, the **format** of your thesis/dissertation must have been approved in full by your OGS format advisor, and you must have been authorized by this advisor either verbally or in writing to submit the final version of your thesis/dissertation.
- You must submit **the final copies** of your thesis/dissertation by 5:00 PM to the Office of Graduate Studies on or before the dates below. If the date given falls on a weekend, the deadline transfers to the Monday following that day.

August 20	for an August degree date (Master's Degree only)
December 20	for a December degree date
May 15	for a June degree date

STANDARDS FOR INITIAL SUBMISSION: [top ^](#)

WHAT SHOULD IT LOOK LIKE?

After its approval at a thesis or dissertation defense, and no later than the above deadlines, the completed work, including a complete signatory page, is submitted to the Office of Graduate Studies. This must be a final document in regards to content, must be grammatically correct in every regard, and must reflect your ability to communicate clearly. You should have worked closely with your primary thesis or dissertation advisor on issues of format and style, and should have had him/her review the final copy before you submit it to the Office of Graduate Studies. Your thesis/dissertation committee certifies that your manuscript is "Approved as to style and content..." but the Office of Graduate Studies has final authority in the acceptance of your work.

WHAT DO I HAND IN?

- For your *initial* submission, you should hand in only ONE copy of your thesis/dissertation in its entirety, printed on inexpensive paper. This copy will go to your Format Advisor for corrections. You will most likely not see this copy again, so please do not waste money on expensive paper or printing.
- You should submit one Xerox copy of your completed signature page; retain the original for inclusion in your final submission. Please note: *Your original signatory page must be on archival paper identical to the archival paper on which you will print the final copy of your complete dissertation.* The best way to ensure this consistency is to buy all the archival paper before your defense, so you will have it available that day to be signed.
- You should submit your manuscript in a manila envelope with your name, email address, telephone number and program written clearly on the outside. You may include a brief message to your format advisor with any questions you may have regarding format.

STANDARDS FOR FINAL SUBMISSION: [top ^](#)

WHAT SHOULD IT LOOK LIKE?

- The *final* version of your thesis/dissertation should adhere completely to the UMass Boston standards for format, presented in this document and in the specific style manual adopted by your program of study. Your format advisor must have given you the final OK for format before you may submit your final copies.
- You should submit your final manuscript in separate manila envelopes (one per copy) with your name, email address, telephone number and program written clearly on the outside. The *original* manuscript should be clearly marked as such.
- Theses and dissertations submitted to the Office of Graduate Studies for binding must be printed on white, letter size (8 ½ by 11 inch) paper. Paper for the *original* copy must meet archival standards, bear either an acid-free or archival watermark, and be of at least 20-pound weight. Additional copies may be on any good-quality paper.
- Theses and dissertations should be printed with a professional quality printer, such as a laser printer, using at least 300 dpi. Using a new toner cartridge is suggested. Type must appear uniform throughout the work. There should be no light, smeared, shadowed, or fuzzy type. No corrections on the face of the copy are acceptable, e.g. erasures or white-out.
- Print must be properly fused to the paper. Characters must be able to withstand a light scratching with a fingernail and must not transfer to the back of the preceding page when pages are left in close contact for several days.
- Theses and dissertations must be printed on one side only.

WHAT DO I HAND IN?

Master's Thesis:

- The *original* printed copy, on archival paper
- Two good photostatic copies

- Up to four additional photostatic copies, to be bound for your personal use (optional)
- A completed binding request form
- A bank check or money order made out to UMass Boston, Graduate Studies #104161 for the appropriate fee

Dissertation:

- The *original* printed copy, on archival paper
- Two good photostatic copies
- Up to four additional photostatic copies, to be bound for your personal use (optional)
- A completed binding request form
- A completed UMI (microfilm) form with an extra copy of the abstract stapled to it
- A completed copy of the Survey of Earned Doctorates
- A bank check or money order made out to UMass Boston for the appropriate binding and microfilming fees
- (*Optionally, if electing copyright registration*): A separate bank check or money order made out to “PQIL” for \$45

DOWNLOADABLE UMI AND SURVEY OF EARNED DOCTORATES FORMS:

To download these two documents requires Acrobat Reader. If you do not have this program, or if you have trouble downloading, please call the Office of Graduate Studies (OGS) at (617) 287-5000. They will send you a copy of the forms by mail or by interoffice mail.

UMI Form:

<http://www.umb.edu/academics/graduate/>

SURVEY OF EARNED DOCTORATES Form:

www.norc.org/issues/docdata.htm

FEES FOR SUBMISSION: [top](#) ^

Only bank checks or money orders are acceptable. Personal checks will not be accepted.

BINDING FEES: As of February 15, 2007, the thesis and dissertation binding fee is **\$50 for the first copy, and \$20 for each additional copy.** This fee is subject to change.

When you submit a binding request for the required copies of your thesis or dissertation, you may also arrange for copies for personal use. Each additional copy should be submitted in a separate, clearly-marked manila envelope with your name, address, telephone number, email address and program written on the front.

MICROFILMING FEES (Dissertations only): **University Microfilm International fee for registration and one microfilm copy is \$70.** This fee is subject to change.

Both the binding fees and the microfilming fee may be included in one bank check/money order made out to “UMass Boston.”

If you elect UMI’s copyright registration option (see below, pp. 9-10), you must also submit a separate bank check/money order for \$45, made out to “PQIL.”

CORRECTIONS FROM AND COMMUNICATION WITH FORMAT ADVISOR: [top](#) ^

CORRECTIONS:

- The format advisor is responsible only for the standards listed in this document. You should consult with your program director regarding the specific format-and-style manual adopted by your program and approved by the Office of Graduate Studies; this manual will guide you with important issues such as style for footnotes/endnotes and bibliography. Should any discrepancy exist between these standards and the manual used in your program, these requirements take precedence. (Note, for example, the distinction made at the beginning of these standards between pre-publication style and correct thesis-dissertation style.) For any issue not covered in your program’s approved style guide or these requirements, refer to Kate Turabian, *A Manual for Writers of Term Papers, Theses, and Dissertations*, 6th edition (paperback), Chicago: University of Chicago Press, 1996.
- Issues that fall primarily within the purview of the program, rather than OGS, include:
 1. All content and grammar
 2. Footnote and endnote format
 3. Bibliographical format
- The format advisor is primarily responsible for making sure that you have correctly followed the OGS standards in all respects. He/she may not approve your thesis/dissertation until ALL of these standards for format have been successfully met.

COMMUNICATION AND STEP-BY-STEP PROCESS:

- Before your defense:*
1. Introduce yourself to your format advisor by email (optional). Feel free at this time to ask any questions you may have about format.
 2. Email the format advisor a copy of your Signatory Page, to obtain approval of its format **before** seeking the actual signatures.
- After your defense (and after any revisions required by your program have been made):*
3. Submit your initial document to the Office of Graduate Studies. Theses and dissertations will be corrected for format on a first-come, first-served basis. You

- are encouraged to submit your thesis/dissertation prior to the published initial-submission date, in order to give yourself more time to make corrections.
4. Wait a week to be contacted by your format advisor; if you do not hear back from your advisor after a week, you should either email him/her or call the Office of Graduate Studies. Remember, it is *your responsibility*, with your format advisor's help, to make sure that this process is complete by the final-submission deadline.
 5. Make any corrections that are necessary, following your format advisor's directions exactly. Return the corrected version of your thesis/dissertation to the Office of Graduate Studies as quickly as possible. **** **Please note that there may be multiple steps to the correcting process, and you may need to submit and resubmit your thesis/dissertation more than once before you obtain the final OK from your format advisor.**
 6. Receive the final OK from your format advisor, either verbally or in writing.
 7. Submit the final copies of your thesis/dissertation with money order/bank check for the correct fees. *The full final submission must be received by the Office of Graduate Studies by May 15th for June graduation, by August 28th for August graduation, and by December 27th for December graduation.*
 8. Wait one week to hear back from your format advisor that you have successfully completed the process, and that he/she has submitted a Form 5 to the Office of the Registrar, approving your dissertation/thesis for graduation; if you do not hear back from your advisor after one week, you should either email him/her or call the Office of Graduate Studies.

AFTERMATH: [top](#) ^

WHERE DO THE COPIES GO?

- Once the final version of the thesis or dissertation has been accepted by the Office of Graduate Studies, it becomes the property of that office and cannot be removed by the degree candidate, any member of the faculty or staff, or other students. No further corrections may be made.
- The original, archival copy of your thesis or dissertation will be bound and placed in the university library.
- One bound photostatic copy will become the library circulating copy.
- (*Dissertations only*) One photostatic copy will be sent to University Microfilms International for microfilming, storage, and listing in *Dissertation Abstracts International*. It will not be returned, but the microfilm copy will be stored in the university library and made available to other institutions through the interlibrary loan system.
- One bound photostatic copy will be given to and retained by your program.

COPYRIGHT INFORMATION:

A thesis or dissertation automatically falls under general copyright protection as soon as it is fixed in final form. No fee or formal registration with the Library of Congress is required. However, a copyright notice should be placed on the page following the title page. See the sample page at the end of these standards. This copyright notice is generally sufficient, but if formal registration is desired, you may either contact the

Copyright Office at the Library of Congress or (in the case of doctoral dissertations only) obtain this registration as a supplementary service from University Microfilms International when the work is being registered with them. The procedure and fee for this service are described in their microfilm registration form (see above, pp. 7-8).

PAGINATION [top ^](#)

- All page numbers must be at least 1.25” from the bottom of the page (measured from the *bottom* of the page number to the bottom of the page). Please plan accordingly. All page numbers must appear centered at the bottom of the page. Be sure that the position of the page numbers does not shift, even slightly, from page to page.
- *Do not number* the Title Page, Copyright Page, or Signatory Page (although they count as pages i, ii, iii). Begin using lower-case Roman numerals (starting from “iv”) with the abstract section.
- Begin Arabic numerals with the first page of the text, starting with 1.
- Once Arabic page numbering has begun, continue throughout the work, including appendices, endnotes, and bibliography.

MARGINS [top ^](#)

- The requirements for margins are as follows for ALL pages of theses and dissertations:

LEFT: 1 ½”

TOP: 1”

RIGHT: 1”

BOTTOM: 1 ¼”

- Two exceptions to the rule:

CHAPTER HEADINGS: text must start 2” from top

TITLE PAGE: top margin may be greater than 1”

HEADERS AND FOOTERS:

There may NOT be any running headers or footers in a thesis or dissertation.

Use of footnotes (rather than endnotes) is acceptable, if approved by your program.

CONSISTENCY AND GENERAL CONSIDERATIONS [top ^](#)

FONT: The font MUST be consistently Times New Roman throughout the thesis or dissertation. There are no exceptions to this rule.

TYPE: The type must be 12 point throughout the text of the thesis or dissertation, with the exception that other type sizes may be used in charts or appendices (only).

STYLE: Throughout the beginning sections (#1-8 below), the style must be plain lettering (i.e. no bold, italics or underline). In the actual text, however, you may use bold, italics and underline, *except* in chapter headings, which must be in plain lettering.

TITLE/AUTHOR/DEGREE: The title of the work, the author's full name and the degree to be awarded must appear *exactly the same* on the title page, signatory page and abstract. In other words, this information must be worded and punctuated exactly consistently in all three places. The title must appear in all capitals in all three locations.

CHAPTER HEADINGS/SUBHEADINGS: Chapter headings and subheadings in the body of the work must exactly match the way they are listed in the table of contents and lists of figures/tables.

DIVISIONS: Pages should not contain "widows" or "orphans," which are single lines of text at the beginning or end of a page. At least two lines are required before the next paragraph or division break.

JUSTIFICATION: Do *not* justify the right hand margin of the page, because almost all word processors achieve this justification by creating irregular spaces between words. This irregular spacing is not acceptable.

SPLIT REFERENCES/CAPTIONS: Do not split references in your bibliography from one page to another. Complete each entry on a single page. Similarly, do not split captions in lists of tables/figures/illustrations from one page to another.

ORDER OF SECTIONS [top](#) ^

Please note that neither the order nor the style of the sections labeled 1-8 may vary from the published standards. There is NO room in these sections for interpretation or creativity. Fonts, spacing, punctuation and styles must be precisely as specified. Please follow the directions and the sample pages *exactly*.

- | | |
|--------------------------------|---|
| 1. Title Page | Required, not numbered |
| 2. Copyright Page | Required, not numbered |
| 3. Signatory Page | Required, not numbered |
| 4. Abstract | Required. Begin page numbers, using lower-case Roman numerals, starting with "iv."
Continue lower-case Roman numeral page numbers through section 8. |
| 5. Dedication, Acknowledgments | Optional |
| 6. Preface or Forward | Optional |
| 7. Table of Contents | Required |

8. List of Tables/Figures, etc.	If applicable
9. Text: introduction and all chapters	Begin Arabic numerals, starting with 1
10. Appendices	If applicable; numbered sequentially.
11. Citations/Endnotes/Footnotes	Consult style manual approved by your program for correct format. Numbered sequentially
12. Bibliography	Consult style manual approved by your program for correct format, but these should never be double-spaced. Alphabetized.

TITLE PAGE DIRECTIONS [top ^](#)

All text on the title page should be centered both horizontally and vertically, so that there is a reasonable amount of space between written sections on the page. One good way to achieve the exact format is to use the electronic version of the sample page as a template, replacing the information on it with your own.

TITLE: The title in your title page must be at least one inch from the top, but may be more. It must be centered, in all capital letters and double-spaced.

PRESENTATION: “A Dissertation Presented by CAROL A. SMITH” must be exactly as shown in the sample, centered, double-spaced and with the same capitalization. Make sure that the word “by” is not capitalized (AutoFormat may try to capitalize it!) and that the name of the author is capitalized.

If you are a Master’s student, simply change “A Dissertation Presented” to “A Thesis Presented.” The rest of the rules are the same.

SUBMISSION: Again, the submission section (“Submitted to the Office of Graduate Studies... for the degree of”) should look exactly the same for all theses and dissertations. Make sure that you match capitalization exactly. This section should be single-spaced.

DEGREE: This part should be in all capitals. You should choose the appropriate degree from the following:

1. DOCTOR OF PHILOSOPHY
2. DOCTOR OF EDUCATION
3. MASTER OF ARTS
4. MASTER OF BUSINESS ADMINISTRATION
5. MASTER OF EDUCATION
6. MASTER OF FINE ARTS
7. MASTER OF SCIENCE

DATE: Write the month and the year of your graduation. This should appear as December or June (Master's and Doctoral students) or August (Master's students only). Please note that there is no comma between the month and the year and that the month is not in all capitals.

PROGRAM: Make sure that you give the name of your "Program," not of your "Department," and that you write the program name out in full.

MARGINS: Margins must match those of the entire document, with the exception of the top margin, which may be larger.

PAGE NUMBER: There should be NO page number on the Title Page, the Copyright Page or the Signature Page.

COPYRIGHT PAGE DIRECTIONS [top ^](#)

The copyright notation should be single-spaced and centered, just below the middle of the page. Please note capitalization on the sample page and the fact that there is no period after "All rights reserved...."

SIGNATORY PAGE DIRECTIONS [top ^](#)

TITLE: Title must be identical in wording, spacing and punctuation to the way it appears on the Title Page and Abstract.

PRESENTATION: The presentation section must match exactly the same section on the Title Page.

APPROVAL: This section should be identical for theses and dissertations, with capitalization and punctuation as shown on the sample page.

ALIGNMENT: Please note that the lines for signatures are aligned on the left with the name/role of the professor. The right end of the lines should also match up exactly with each other. For the Program Director and Chairperson (where applicable), the left alignment should be near the center of the page.

SPACING: You should have the same vertical spacing between each professor, including the Program Director and Chair (where applicable).

PROFESSORS:

1. The correct academic rank/title for each member of your thesis or dissertation committee should follow the professor's full name. These are some examples of

- academic ranks/titles: Professor, Associate Professor, Assistant Professor, Lecturer, Adjunct Professor, Distinguished Professor.
2. For dissertation committees, any external committee members should be listed in the same manner as other committee members. If external committee members are not professors, they should be listed with their exact titles (see sample page).
 3. Only external professors (those who work outside of UMass Boston) should have their University named after their academic title;; for example
Annabella Maria Iacobacci, Associate Professor
University of North Carolina, Chapel Hill
Member
 4. The line below the member's name (or institution, for external members) specifies the role he/she played in your dissertation/thesis process. Please note that the first professor should be "Chairperson of Committee," and all others should be "Member."
 5. The Program Director and the Chairperson of the Department should be listed after and to the right of the members of the committee. Please note that they should be labeled "Program Director" or "Chairperson" only, without specification of their academic rank/title (e.g. Professor, Assistant Professor).

ABSTRACT DIRECTIONS [top ^](#)

An abstract of no more than 350 words, double-spaced, must be prepared and included in the manuscript. For dissertations, one additional copy must be stapled to the University Microfilm form. This abstract should be carefully written and proofread, as it will be published in the manuscript and elsewhere exactly as you submit it. It is intended to be a concise summary of the work and usually contains a statement of the problem, the procedure or methodology used, and the conclusion. Please have it read and approved by the thesis/dissertation advisor for style and content before submitting it.

TITLE: First, write the word "ABSTRACT" in all capitals, centered at the top. Quadruple space, then write your title, exactly matching the way it appears on the Title and Signatory Pages.

DATE: Write the month and year (with no comma in between).

AUTHOR/DEGREES: You should center this part, and it should be single-spaced. Write your name (exactly as it is elsewhere in the document, but lower case), followed by your undergraduate degree (B.A. or B.S.) and college/university. There should be a comma between each of these.

On the second line, write the second degree you earned, followed by the university. Repeat this process until you get to the degree that you are currently obtaining, as you will have this degree by the time this work is published.

ADVISOR: Centered: write “Directed by” plus the name of your advisor. Use his/her academic title, followed by the name, written exactly the way it was on the signatory page.

TEXT: Double space and begin your abstract. The text must be double-spaced.

TABLE OF CONTENTS (TOC) DIRECTIONS [top ^](#)

(Please note that the two samples are from two different manuscripts)

TABLE OF CONTENTS: Should be written in all capitals and centered at the top of the page.

LEADER CHARACTERS/PAGE NUMBERS: See next page for instructions. Make sure that page numbers are right-aligned. Everything listed in the Table of Contents should be given a page number.

If the title of the chapter/subheading is more than one line long, then the leader characters should be placed at the end of the title. The ends of the previous lines of the title should not extend beyond the right-hand end of the leader characters.

BEGINNING SECTIONS: Here, you will list Acknowledgments and/or Dedication, and the Lists of Figures/Tables/Illustrations, as applicable. The entries for these sections should be in all capitals, left-aligned, and double-spaced.

CHAPTER/Page: In the left column, above the list of chapters, write CHAPTER in all capitals. Then, in the right column, above the page numbers, write Page (not all caps). There should *not* be leader characters between CHAPTER and Page. Repeat this process at the top of any additional pages of the Table of Contents.

CHAPTERS: Chapter titles must be written in all capitals. You may use either Roman or Arabic numerals for chapter numbers, but this practice must be consistent from the Table of Contents to the text. The first chapter must be the introduction. You should double-space *between* chapter listings, but single-space subheadings *within* chapter listings.

If you have to split a chapter listing between pages of the TOC, make sure you do not leave a single subheading widowed/orphaned either at the bottom of the page or the top of the next one.

PARTS: If you have different “parts” in your thesis or dissertation, you may label them in all capitals, centered, without page numbers. Notation of “parts” is the only notation in the TOC that should not be listed with a page number.

CHAPTER SUBHEADINGS: Chapter subheadings should not be in all capitals. You should tab for the first category of subheadings, and this tab should remain constant throughout the TOC. Tab twice for a subsequent category of subheadings. Subheadings in the text must be noted in precisely the same wording as they appear in the TOC.

You may choose how to format the subheadings in the text, but formatting must be consistent throughout. For example, if you underline and center the first category of subheading in the text, ALL subsequent parallel subheadings must be underlined and centered in the text.

LIST OF TABLES, FIGURES or ILLUSTRATIONS DIRECTIONS [top ^](#)

Please follow all the same rules as for the Table of Contents, with the exception that:

- If it is a LIST OF FIGURES, then you should write “Figure” on the top left column (instead of “CHAPTER,” as in the TOC). If it is a LIST OF TABLES, then you should write “Table” on the top left column, and so forth.
- If you have both figures and tables, then you should normally create two separate lists on separate pages.
- If you have two or fewer in either category, then you may combine the lists into one, labeled “LIST OF FIGURES AND TABLES.” You should still write “Figure” in the top left column above the figures; then below the first list, write “Table” in the top left column above the tables.
- The label on the top left column (Figure/Table/Illustration) should not be in all capital letters. You should double-space between entries. Please remember that all titles of Tables, Figures, etc. must match from list to text *exactly*.

DIRECTIONS FOR MAKING LEADER CHARACTERS [top ^](#)

This protocol works for Word Documents, and may work for other word processing programs as well.

1. Go to the Table of Contents
click format
click tabs
click clear all
2. To set First Tab (for Chapter Headings):
For Tab Stop Position, type .5
For alignment, click left

- For Leader, click 1. none
click set.
3. To set Second Tab (for subheadings):
For Tab Stop Position, type 5
For alignment, click right
For Leader, click 2.....
click set.
 4. To set Third Tab (for page numbers):
For Tab Stop Position, type 5.5
For alignment, click right
For Leader, click 1. none
Click set.
 5. Click OK and close.
 6. To add additional tabs for subheadings, simply decide where you want the tab, and repeat steps above. This will avoid poor alignment issues. Shortcut: If you want additional tabs for more categories of subheadings, and do not need leader characters, there is a little box on the top left-hand corner (above and to the left of the rulers). Make sure that it is in the “L” position for left alignment tabs. Simply click on the horizontal ruler to add additional tabs.
 7. Then to create your TOC, enter chapter number, then click tab, which will move the cursor .5". Then write the chapter title. Then click tab again and a series of dots will fly as if by magic across the page. Then type the page number for that chapter, and the numbers will align themselves on the right hand side of the page (right justification).

DIRECTIONS FOR CHAPTER HEADINGS IN THE TEXT [top ^](#)

NEW CHAPTERS: New chapters must start on a new page.

TOP MARGINS: **Must be 2” for pages with new chapter headings.**

CHAPTER HEADING: Must be in all capitals, centered and double-spaced. CHAPTER plus the number (in either Roman or Arabic numerals – must match Table of Contents) should be on the first line. On the next line, you should write the name of the chapter (must match TOC exactly).

This formatting must remain consistent throughout the document.

TEXT: Text should begin 3-4 return spaces after the chapter title. This formatting must remain consistent throughout the document.

PAGE NUMBERS: At the bottom and centered, as for the rest of the document.

APPENDICES/BIBLIOGRAPHY: These should be formatted in the same way as the rest of your chapter headings.

SAMPLE/TEMPLATE PAGES

COLLEGE IN THE LATER YEARS: THE EFFECTS OF FORMAL EDUCATION
ON THE CAREERS OF OLDER WOMEN [top^](#)

A Dissertation Presented

by

CAROL A. SMITH

Submitted to the Office of Graduate Studies,
University of Massachusetts Boston,
in partial fulfillment of the requirements for the degree of

DOCTOR OF PHILOSOPHY

June 2006

Clinical Psychology Program

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All rights reserved

COLLEGE IN THE LATER YEARS: THE EFFECTS OF FORMAL EDUCATION [top ^](#)

ON THE CAREERS OF OLDER WOMEN

A Dissertation Presented

by

CAROL A. SMITH

Approved as to style and content by:

Francis Jones, Associate Professor
Chairperson of Committee

James L. Williams, Professor
Member

Catherine Smith, MD, Bay City Hospital
Member

Selma Morris, Program Director
Clinical Psychology Program

Samuel Mans, Chairperson
Psychology Department

ABSTRACT [top](#) ^

COLLEGE IN THE LATER YEARS: THE EFFECTS OF FORMAL EDUCATION
ON THE CAREERS OF OLDER WOMEN

June 2006

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Careers of women who graduated from an educational program in psychology were examined. Three major research questions were addressed: 1) What forces led these women... *(350 words maximum)*

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CHAPTER 1

INTRODUCTION [top](#) ^

Different models of speciation may predict different phylogenetic tree topologies (Wiley 1981a. 2). For example, peripheral isolation results in the persistence of the ancestor (fig. 4.16a), whereas a large-scale geographical subdivision may cause ancestral...

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