

MLA THESIS FORMAT

Margin Template



Minimum ½" top margin
(from top of page to top of first line text)

←Minimum ½" left margin Minimum ½" right margin →

(Page numbers fall WITHIN the bottom margin and must be centered)

(From the bottom of the last line of text to the bottom of the page)

Minimum ½" bottom margin



Format for Abstract

MAJOR

*(All caps, underlined, right justified, one inch from top of page. DO NOT precede Program name with the words "Department of"). *See pages 29-30 for the list of majors*

(Set line spacing to double spacing after Title)

Final title of dissertation, upper/lower case, single-spaced, centered

Your name, upper/lower case, centered

Dissertation (or Thesis) under the direction of Professor (Full Name)

(Underlined, centered, upper/lower case, double space to text, no page numbers)

TEXT

(Double spaced)

Approved _____
Type full name of Dissertation (or Thesis) director

Date _____

Format for Title Page

Title of dissertation, upper/lower case, single-spaced, centered
(One inch from top of page to top of title)

(Spacing will vary depending on length of the title of thesis or dissertation)

By

Your Name

(The following five lines must be included in this exact format)

Dissertation (or Thesis)

Submitted to the Faculty of the

Graduate School of Vanderbilt University

in partial fulfillment of the requirements

for the degree of

DOCTOR OF PHILOSOPHY

in

Major

(Refer to pages 29-30)

Month, Year

****IMPORTANT: The month will always be either May, August, or December
This is your actual GRADUATION semester, not your thesis or defense semester***

Nashville, Tennessee

Approved: *(Original signatures of committee members)*

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Sample Dedication Page

To my amazing daughters, Megan and Alisha, wise beyond their years

and

To my beloved husband, Jonathan, infinitely supportive

Sample Acknowledgement Page

ACKNOWLEDGEMENTS

This work would not have been possible without the financial support of the Vanderbilt Physician Scientist Development Award, the American Roentgen Ray Society Scholarship or the Vanderbilt University Medical Center Department of Radiology and Radiological Sciences. I am especially indebted to Dr. Martin Sandler, Chairman of the Department of Radiology, and Dr. John Worrell, Chief of the Section of Thoracic Radiology, who have been supportive of my career goals and who worked actively to provide me with the protected academic time to pursue those goals.

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Spacing Template – Chapter One, Page One

CHAPTER I

TITLE OF CHAPTER

First-Level Heading

Begin each chapter at the top of a new page. Follow the chapter number and chapter title with the same amount of space (line and one-half, double space, or “two enters, with spacing set to double space”). Use this same amount of space to precede first -and second- level headings, and before and after figures and tables.

Second-Level Heading

The number of levels and the placement of the headings and subheadings will vary, dependent on departmental requirements or preference. Headings may be centered, left justified, in bold face, italicized, indented or numbered. Use the same style throughout the document.

Be consistent with spacing and heading styles.

Sample Continuation Page (with quotation and footnotes)

Once again when he reminds us of Thomas S. Kuhn's work on paradigms: "But as Thomas S. Kuhn has stated in the *Structure of Scientific Revolutions*, theory often follows rather than precedes the practical 'shift in paradigm' that he regards as constituting a revolution in most research disciplines."⁹⁵ Perhaps the practice of a new paradigm is coming into place with the theory to follow. Perhaps we as historians of ancient Israel should acknowledge an axiom of philosopher of history, Michael Stanford,

It is therefore not a weakness of history that it generates unending debates. Therefore history is to be seen not as a set of cast-iron facts, but rather as an ongoing conversation with one's fellows about affairs of importance or interest – past, present or future. The discussion can at times become debate, or fierce argument...History is not a concept but an activity – an activity of a unique kind...History is...best understood as an endless debate, constituting an important part of the continuing conversation of mankind [sic].⁹⁶

Contemporary historians then continue to press forward by contemplating increasingly complex questions. Perhaps it is in conversation with the broader discipline of history and philosophy of history that historians of ancient Israel will find acceptable foundations for a new paradigm.⁹⁷ Historiography in general, and historiography of ancient Israel specifically, finds itself at an extended crossroad, in need of an agreed-upon historiographic framework. In establishing this framework, the discipline must acknowledge the tradition upon which it stands; it must acknowledge the corrective challenges that have and continue to modify that tradition; it must push that tradition to ask itself challenging questions; it must reformulate itself to meet its current "depression + conduct disorder but do not have ADHD". This is a more accurate representation of the presentation clinicians must deal with in community settings. Finding "pure" examples of a single diagnosis is uncommon. Therefore, in the current study, a child was listed as having a diagnosis if he/she met the criteria for that diagnosis and regardless of the other diagnoses for which he/she might have qualified.

⁹⁵ Dever, 69, discussing Thomas S. Kuhn, *The Structure of Scientific Revolutions* (3rd ed.; Chicago: University of Chicago Press, 1996).

⁹⁶ Stanford, *An Introduction to the Philosophy of History*, preface, viii.

⁹⁷ As already suggested by Long, "The Future of Israel's Past," passim and Halpern, *The First Historians*, passim.

Continuation Page (with table or figure)

“depression + conduct disorder but do not have ADHD”. This is a more accurate representation of the presentation clinicians must deal with in community settings. Finding “pure” examples of a single diagnosis is uncommon. Therefore, in the current study, a child was listed as having a diagnosis if he/she met the criteria for that diagnosis and regardless of the other diagnoses for which he/she might have qualified.

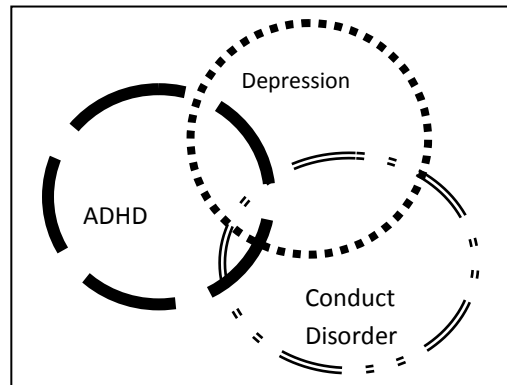


Figure 2. Venn Diagram of Co-Morbid Disorders

In addition to the *PCAS* diagnoses, Internalizing and Externalizing scores from the *Child Behavior Checklist* were used as indicators of “broadband-specific features” (Weiss, Susser, & Catron, 1998) rather than the narrowband-specific features represented by specific diagnostic categories. Measures of Internalizing and Externalizing behaviors function as indicators of what the parent/surrogate views as the primary problem. *T* scores for these two scales were used in analyses. These *T* scores reflect the deviation of all subjects from the mean of their respective normative (age and gender) groups in the same fashion without losing any statistical power (Achenbach, 1991).

Sample References Page

REFERENCES

- Able, S. and Ungewickell, E. (1990) Auxilin, a newly identified clathrin-associated Protein in coated Vesicles from bovine brain. *J Cell Biol*, **111**, 19-29.
- Bartels, C., Xia, T., Billeter, M., Guntert, P. and Wuthrich, K. (1995) The program XEASY for computer-supported NMR spectral analysis of biological macromolecules. *J Biol NMR*, 1-10.
- Bashford, D. and Case, D.A. (2000) Generalized born models of macromolecular solvation effects. *Annu Rev Phys Chem*, **51**, 129-152.
- Bayer, P., Arndt, A., Metzger, S., Mahajan, R., Melchior, F., Jaenicke, r. and Becker, J. (1998) structure determination of the small ubiquitin-related modified SUMO-1. *J Mol Biol*, **280**, 275-286.
- Beal, R., Deveraux, Q., Xia, G., Rechsteiner, M. and Pickart, C. (1996) Surface hydrophobic residues of multiubiquitin chains essential for proteolytic targeting. *Proc Natl Acad Sci U S A*, **93**, 861-866.
- Bertolaet, B.L., Clarke, D.J., Wolff, M., Watson, M.H., Henze, M., Divita, G. and Reed, S.I. (2001a) UBA domains mediate protein-protein interactions between two DNA damage-inducible proteins. *J Mol Biol*, **313**, 955-963.
- Bertolaet, B.L., Clarke, D.J., Wolff, M., Watson, M.H., Henze, M., Divita, G. and Reed, S.I. (2001b) UBA domains of DNA damage-inducible proteins interact with ubiquitin. *Nat Struct Biol*, **8**, 417-422.
- Biederer, T., Volkwein, C. and Sommer, T. (1997) Role of Cue1p in ubiquitination and degradation at the ER surface. *Science*, **278**, 1806-1809.
- Bodehausen, G. and Ruben, D.J. (1980) Natural abundance nitrogen-15 NMR by enhanced heteronuclear spectroscopy. *Chemical Physics Letters*, **69**, 185-189.
- Bonifacino, J.S. and Traub, L.M. (2003) Signals for Sorting of Transmembrane Proteins to Endosomes and Lysosomes. *Annu Rev Biochem*, **72**, 395-447.
- Braunschweiler, L. and Ernest, R.R. (1983) Coherence transfer by isotropic mixing: Application to proton correlation spectroscopy. *Journal of Magnetic Resonance*, **53**, 521-528.
- Buchberger, A. (2002) From UBA to UBX: new words in the ubiquitin vocabulary *Trends Cell Biol*, **12**, 216-221.

ACADEMIC PROGRAMS AND MAJORS

Majors listed in *middle* column below *must* be used on *Title Page* and *Abstract*

| <u>Academic Program</u> | <u>Major</u> *(To be reflected on title page) | <u>Degrees</u> |
|---|---|-------------------|
| Anthropology | Anthropology | M.A., Ph.D. |
| Astrophysics | Astrophysics | Ph.D. |
| Biochemistry | Biochemistry | M.S.*, Ph.D. |
| Biological Sciences | Biological Sciences | M.S.*, Ph.D. |
| Biomedical Engineering | Biomedical Engineering | M.S., Ph.D. |
| Biomedical Informatics | Biomedical Informatics | M.S., Ph.D. |
| Biostatistics | Biostatistics | M.S., Ph.D. |
| Cancer Biology | Cancer Biology | M.S.*, Ph.D. |
| Cell and Developmental Biology | Cell and Developmental Biology | M.S.*, Ph.D. |
| Cellular and Molecular Pathology | Pathology | M.S.*, Ph.D. |
| Chemical and Biomolecular Engineering | Chemical Engineering | M.S., Ph.D. |
| Chemical and Physical Biology | Chemical and Physical Biology | M.S.*, Ph.D. |
| Chemistry | Chemistry | M.S.*, Ph.D. |
| Civil Engineering | Civil Engineering | M.S., Ph.D. |
| Community Research and Action | Community Research and Action | M.S.*, Ph.D. |
| Computer Science | Computer Science | M.S., Ph.D. |
| Creative Writing | Creative Writing | M.F.A. |
| Earth and Environmental Sciences | Earth and Environmental Sciences | M.S., Ph.D. |
| Economic Development | Economics | M.A. |
| Economics | Economics | M.A.*, Ph.D. |
| Electrical Engineering | Electrical Engineering | M.S., Ph.D. |
| English | English | M.A.*, Ph.D. |
| Environmental Engineering | Environmental Engineering | M.S., Ph.D. |
| Epidemiology | Epidemiology | Ph.D. |
| French | French | M.A.*, Ph.D. |
| German | German | M.A.*, Ph.D. |
| Hearing and Speech Sciences | Hearing and Speech Sciences | Ph.D. |
| History | History | M.A.*, Ph.D. |
| Human Genetics | Human Genetics | Ph.D. |
| Interdisciplinary, Individualized Degrees | Interdisciplinary Studies: (Subtitle) | M.A., M.S., Ph.D. |
| Interdisciplinary Materials Science | Interdisciplinary Materials Science | M.S., Ph.D. |
| Latin American Studies | Latin American Studies | M.A. |
| Law and Economics | Law and Economics | Ph.D. |
| Leadership and Policy Studies | Leadership and Policy Studies | Ph.D. |
| Learning, Teaching, and Diversity | Learning, Teaching, and Diversity | M.S.*, Ph.D. |
| Liberal Arts and Science | Liberal Arts and Science | M.L.A.S. |
| Mathematics | Mathematics | M.A., M.S., Ph.D. |
| Mechanical Engineering | Mechanical Engineering | M.S., Ph.D. |

Medicine, Health, and Society
Microbiology and Immunology
Molecular Physiology and Biophysics
Neuroscience
Nursing Science
Pharmacology
Philosophy
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Political Science
Psychology
Psychology and Human Development
Religion
Sociology
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Medicine, Health, and Society
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Neuroscience
Nursing Science
Pharmacology
Philosophy
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Political Science
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