# Master's Thesis and Doctoral Dissertation Format Requirements

### **Introduction**

The requirements contained in this booklet apply to the master's thesis and the doctoral dissertation. For convenience, the term thesis will be used to refer to both, unless the situation applies only to doctoral students.

The thesis is a report of original research and scholarly work that is shared with the academic community and is made available to the public. The thesis becomes part of the circulating collection of the UWM Golda Meir Library and is also made available through ProQuest.

These format standards have been developed to ensure a degree of consistency in the written presentation of this research across academic disciplines.

The Graduate School will not accept theses that do not conform to these guidelines.

This information is on our website: http://uwm.edu/graduateschool/thesis-dissertation-formatting/



### **Thesis & Dissertation Format Standards**

### **General Instructions**

#### Spacing

Double space throughout, with the exception of the title page; captions; table or figure headings; extensive quotations; footnotes or endnotes; entries in the References section; entries in the Table of Contents; and appendices.

#### **Font**

Any standard font is acceptable; however, the same font should be used throughout. Use a font size of approximately 12. The only exceptions to this font size are captions (not smaller than 9 point) and headings (not larger than 20 point).

#### **Margins**

Effective Fall 2015:

ALL pages must have 1" top, bottom, left, and right margins.

### **Preliminary Pages**

Preliminary pages are the required pages that appear at the beginning of the final document. There are also optional pages which can be placed in this section.

#### Page Numbering

All preliminary pages are numbered with lower case **Roman numerals**, centered at the bottom of the page, with the bottom of the number at least 1/2 inch from the edge of the page. The **exception** to this is the **title page**, which is counted but not numbered.

#### Pages Appear in this Sequence:

#### A. Title page – Required

The title page is counted but not numbered. Follow the format shown in the sample pages. All items centered and TITLE IN ALL CAPS. Use official degree names only. The date is the **month** and **year** of **degree conferral**. Degrees are awarded three times a year: in **May**, **August**, and **December**.

### B. Abstract – Required

The abstract is a summary of the dissertation. <u>Follow the format shown in the sample pages</u>. Copy the abstract heading sample exactly. See Sample ABSTRACT TEXT for important information. It always starts with page number "ii".

#### C. Copyright page – Optional

You may include this page even if you will not be formally registering for copyright with the Library of Congress. <u>The format is shown in the sample pages</u>.

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http://www4.uwm.edu/libraries/reserve/cresources.cfm

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#### **D. Dedication** – Optional

May be combined with acknowledgements. There is no required heading on this page.

#### **E. Table of Contents** – **Required** for all **except** creative works.

The Table of Contents lists all sections that follow it (with the exception of an epigraph or frontispiece). Type TABLE OF CONTENTS centered at the top of the page, double space and begin the entries. Single space within entries and double space in-between entries.

#### **F. List of Figures** – **Required if** figures appear in the thesis.

Type LIST OF FIGURES centered at the top of the page, double space and begin. **The term figures include various non-text items.** List the number, caption, and page number of each figure. Figures should be numbered consecutively throughout the thesis.

#### **G. List of Tables – Required if** tables appear in the thesis.

Type LIST OF TABLES at the top of the page, double space and begin. List the number, caption, and page number of each table. Tables should be numbered consecutively throughout the thesis.

### H. List of Abbreviations (or List of Symbols, or Nomenclature) – Optional

Include as necessary. Format heading the same as List of Figures.

#### I. Acknowledgments – Required if permission to reproduce copyrighted material is necessary

Type ACKNOWLEDGMENTS at the top of the page, double space, and begin the remarks.

### **J. Frontispiece** (illustration) **or Epigraph** (quotation) **–** Optional The source of the epigraph is listed below the quotation, but is not listed in the bibliography unless it is also cited in the main text.

### **Main Body**

#### Page Numbering

Beginning with the text of the thesis, the page numbering changes to **Arabic numerals**, centered at the bottom of the page, with at least 1/2" clearance from each edge. The first page of the main text is page 1, and should be displayed on the page. **All subsequent pages are numbered** throughout the text.

### **Tables and Figures**

#### **Margins**

All illustrative materials must maintain the same margins as the rest of the thesis.

1" top, bottom, left, and right margins

#### <u>Legibility</u>

All illustrative material must be large enough to be easily read. Minimum font size is 9.

#### Landscape format

In order to maintain the required page margins for tables or figures, it may be necessary to print them in landscape format. The top margin will now be the edge that is bound. However, the page number must be placed on the page as though the page was in portrait format. It needs to appear in the same location and have the same text direction as the other (portrait) pages.

#### Figure Captions

If space permits, the caption should appear on the same page as the figure. Font size must not be smaller than 9 point.

### **References and Citations**

Any of the standard style manuals may be used as a guide in formatting references to works cited in the thesis. References may be placed at the end of the main text, or at the end of each chapter. Endnotes and/or footnotes may also be used. Whatever format is chosen, it must be followed consistently throughout the thesis.

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#### Page Numbering

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### **Appendices**

All material included in the appendices must meet minimum font and margin requirements.

Many theses will not need this section. Material that supports the research, but is not essential to an understanding of the text, is placed in the appendices. Examples include raw data, extensive quotations, and survey or test instruments.

If there is only one appendix, it is simply called Appendix, not Appendix A. If there are multiple, appendices should be designated A: *Title* B: *Title* C: *Title* etcetera. Each appendix and its title and page number are listed in the Table of Contents.

#### **Page Numbering**

Start the Appendix or Appendices with the next consecutive page number. For example: In this thesis the References end on page 33, and the Appendices start on page 34. The Appendix or Appendices should be listed in the Table of Contents.

Results of Self-Efficacy
Results of Pain Levels
Summary of Survey Results
Conclusion and Significance of Thesis
Discussion of Results from Thesis
Significance and Future Direction
References
Appendix A: The Short-Form 12-Item Health Survey (SF-12v2)
Appendix B: The Short Version of the Arthritis Self Efficacy Scale
Appendix C: Visual Analog Scale
Appendix D: Adult Informed Consent Form
Appendix E: One Year Follow-Up Survey

The appendix title can be on its own page, or at the beginning of the actual material. **See sample pages for examples.** 

### Doctoral students only:

### **Curriculum Vitae** – last page(s) of your dissertation

The curriculum vitae is a professional biography of the doctoral candidate. To see an example, check the sample pages. The vita is the <u>last page(s)</u> of the dissertation and is the next consecutive page number of the dissertation.

### **Graduation Ceremony & Diplomas**

#### <u>Ceremony</u>

Degrees are awarded in May, August, and December. Graduation ceremonies are only held in May and December.

August graduates are invited to the December ceremony. If an August graduate chooses to attend the May ceremony, their name will not appear in the May commencement booklet.

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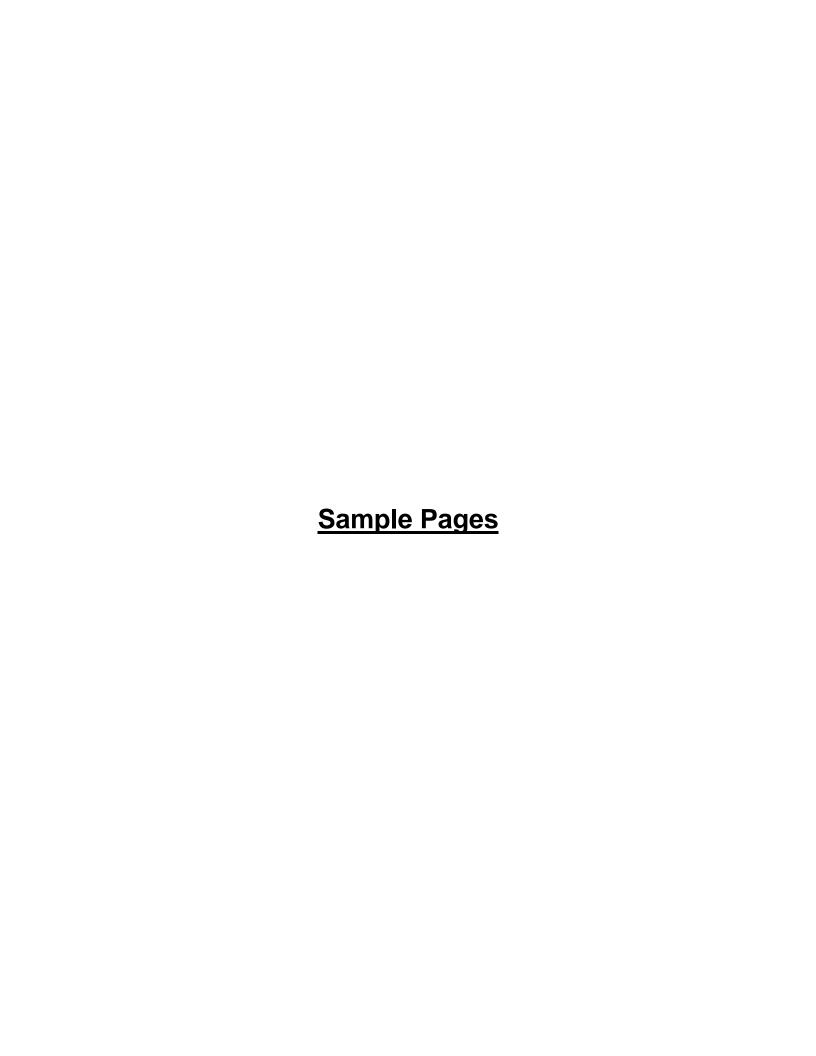
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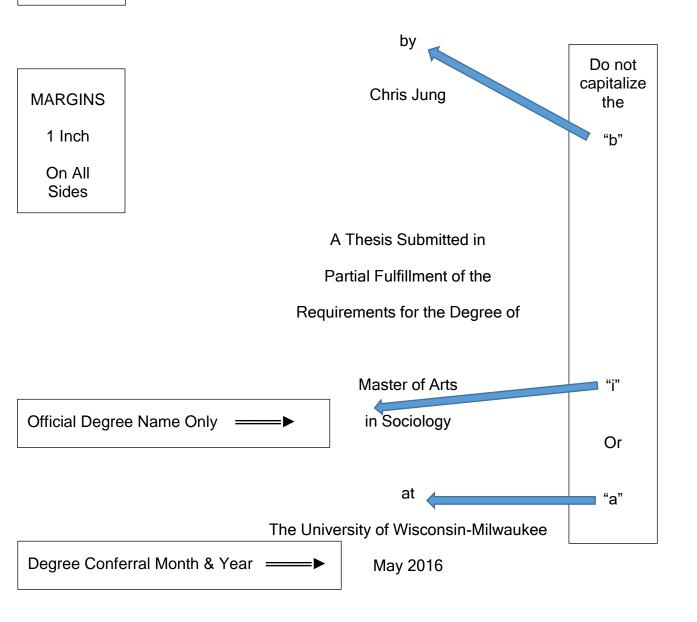
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AT A LARGE URBAN UNIVERSITY AND IMPLICATIONS FOR STUDENT
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# FACTORS AFFECTING DEGREE PROGRESS OF GRADUATE STUDENTS AT A LARGE URBAN UNIVERSITY AND IMPLICATIONS FOR STUDENT SERVICES OPERATIONS AND UNIVERSITY POLICY

by

Chris Jung

A Thesis Submitted in

Partial Fulfillment of the

Requirements for the Degree of

Master of Arts in Sociology

at

The University of Wisconsin-Milwaukee

May 2016

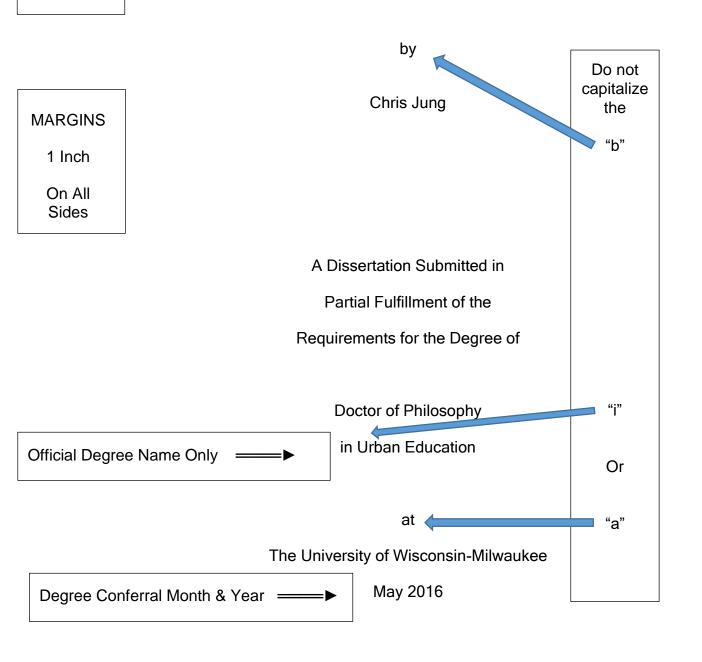
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# FACTORS AFFECTING DEGREE PROGRESS OF GRADUATE STUDENTS AT A LARGE URBAN UNIVERSITY AND IMPLICATIONS FOR STUDENT SERVICES OPERATIONS AND UNIVERSITY POLICY

by

Chris Jung

A Dissertation Submitted in
Partial Fulfillment of the
Requirements for the Degree of

Doctor of Philosophy in Urban Education

at

The University of Wisconsin-Milwaukee

May 2016

### SAMPLE ABSTRACT PAGE (Same for Master's and Doctoral)

#### **ABSTRACT**

FACTORS AFFECTING DEGREE PROGRESS OF GRADUATE STUDENTS AT A LARGE URBAN UNIVERSITY AND IMPLICATIONS FOR STUDENT SERVICES OPERATIONS AND UNIVERSITY POLICY

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ii

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To

my parents,

my wife,

and especially my daughter

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# SAMPLE LIST OF ABBREVIATIONS (Same for Master's and Doctoral)

#### SAMPLE LIST OF ABBREVIATIONS

#### LIST OF ABBREVIATIONS

BC Broadcast Channel

BS Base Station

CLMS Constrained Least Mean Squares

CSI Channel State Information

DFT Discrete Fourier Transform

DoA Direction of Arrival

DPC Dirty Paper Coding

EF Element Factor

iid identically independent distributed

LCMV Linear Constraint Minimum Variance

LTE Long Term Evolution

MAC Multiple Access Channel

MIMO Multiple Input Multiple Output

ML Maximum Likelihood

MMSE Minimum Mean Square Error

MS Mobile station

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# SAMPLE ACKNOWLEDGMENTS PAGES (Same for Master's and Doctoral)

#### SAMPLE ACKNOWLEDGMENTS

#### ACKNOWLEDGEMENTS

First and foremost, I want to thank my advisor, Vicki Callahan, for recognizing my potential to make a strong contribution to the field of film studies. She has challenged me repeatedly to unveil a strong knowledge base and set of skills that I was often slow to recognize and share through my scholarship. I have always appreciated her knowledge of my research topics, plus her encouragement to present a history and basis of analysis on a subject that has very few predecessors. I thank Gregory Jay for acknowledging my interests in the field of African American Studies and sharing his appreciation of what I have shared about Cinemas of the African Diaspora and correspondence with Black Popular Culture. Thanks to Sandra Jones, a fellow McNair scholar whose work, passion, and encouragement reinforced that it was possible to complete this project and pursue an academic career. I thank Shelleen Greene for offering very helpful strategies for research and writing, plus her wisdom on effective transitions into a career as an academic. Thanks to Robert Smith for his enthusiasm to learn more about the project, and offering his perspectives on ways to tie my research to other topics outside of film.

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I dedicate this project to the memory of Lillie Williamson, Jessie J. McFadden, Flora Seefeldt, and Tomás Garrett-Rosas, Ph.D. Thank you for what you have done to lead me towards this journey.

#### SAMPLE REFERENCES

#### REFERENCES

- Albertini, R., Villaverde, A. B., Aimbire, F., Bjordal, J., Brugnera Jr, A., Mittmann, J., Silva, J.A., Costa, M. 2008. Cytokine mRNA expression is decreased in the subplantar muscle of rat paw subjected to carrageenan-induced inflammation after low-level laser therapy. *Photomedicine and Laser Surgery*. 26(1):19-24.
- Altenschmidt, U., Ricciardi-Castagnoli, P., Modolell, M., Otto, H., Wiesmüller, K. H., Jung, G., Simon, M. M. 1996. Bone marrow-derived macrophage lines and immortalized cloned macrophage and dendritic cells support priming of Borrelia burgdorferi—aspecific T cell responses in vitro and/or in vivo. *Immunology Letters*. 50(1):41-49.
- Alves, A. C. A., de Carvalho, P. D. T. C., Parente, M., Xavier, M., Frigo, L., Aimbire, F., Leal, E.C., Albertini, R. 2013. Low-level laser therapy in different stages of rheumatoid arthritis: a histological study. *Lasers in Medical Science*. 1-8.
- Attur, M. G., Patel, R. N., Abramson, S. B., Amin, A. R. 1997. Interleukin-17 upregulation of nitric oxide production in human osteoarthritis cartilage. *Arthritis & Rheumatism*. 40(6):1050-1053.
- Barthold, S. W., Beck, D. S., Hansen, G. M., Terwilliger, G. A., Moody, K. D. 1990. Lyme borreliosis in selected strains and ages of laboratory mice. *Journal of Infectious Diseases*. 162(1):133-138.
- Barthold, S. W., De Souza, M. S., Janotka, J. L., Smith, A. L., Persing, D. H. 1993. Chronic Lyme borreliosis in the laboratory mouse. *The American journal of pathology*. 143(3):959-971.
- Barthold, S.W., Cadavid, D., Philipp, M., Samuels, S., Radolf, J. (ed). 2010. Animal Models of Borreliosis. Borrelia: Molecular Biology, Host Interaction and Pathogenesis. Norfolk, UK.
- Bhate, C., Schwartz, R. A. 2011. Lyme disease: Part I. Advances and perspectives. Journal of the American Academy of Dermatology. 64(4):619-636.
- Biesiada, G., Czepiel, J., Leśniak, M. R., Garlicki, A., Mach, T. 2012. Lyme disease: review. Archives of Medical Science. 8(6):978-82.
- Bogdan, C. 2001. Nitric oxide and the immune response. Nature Immunology. 2(10):907-916.
- Brown, C. R., Reiner, S. L. 1998. Activation of natural killer cells in arthritissusceptible but not arthritis-resistant mouse strains following Borrelia burgdorferi infection. *Infection and Immunity*. 66(11):5208-5214.

#### **BIBLIOGRAPHY**

- Angenendt, Arnold. 2010. "Relics and Their Veneration." In Treasures of Heaven: Saints, Relics, and Devotion in Medieval Europe, by Martina Bagnoli, Holger A. Klein, C. Griffth Mann and James Robinson. New Haven and London: Yale University Press.
- Attanasio, Donato. 2006. The Isotopic Signature of Classical Marbles. Roma: <<L'ERMA>> di
- Clark, Gillian. 2001. "Translating relics: Victricius of Rouen and fourth-century debate." Early Medieval Europe 161-176.
- Comte, Marie Christine. 2012. Les Reliquaires du Proche-Orient et de Chypre a la periode protobyzantine (IVe-VIIIe siecles):formes, emplacements, fonctions et cultes. . Brepols: Turnhout.
- Counts, Derek B. and Tuck, Anthony S. 2009. Koine: Mediterranean Studies in Honor of R. Ross Holloway. Oxford: Oxbow Books.
- Dix, Dom Gregory. 1945. The Shape of the Liturgy. London: Dacre Press.
- Downey, Glanville. 1959 Vol. 79. "The Tombs of the Byzantine Emperors at the Church of the Holy Apostles." The Journal of Hellenic Studies 27-51.
- Elsner, Jas and Huskinson, Janet. 2011. Life, death and representation: Some New Work on Roman Sarcophagi. Berlin/New York: Walter De Gruyter GmbH & Co. KG.
- Elsner, Jas. 2000. "From the Culture of Spolia to the Cult of Relics: The Arch of Constantine and the Genesis of Late Antique Forms." Papers of the British School at Rome, Vol. 68 149-184.
- Greene, Richard Allen. 2012. "Bulgarian bones could be John the Baptist's bones as claimed, scientists say." CNN.com Religion Blogs. June 22. Accessed June 25, 2012. http://religion.blogs.cnn.com/2012/6/22/bulgarian-bones-could-be-john-the-baptists-as-claimed-scientists-say/?hpt=hp\_bn13/.
- Grossman, Janet Burnett. 2003. Looking at Greek and Roman Sculpture in Stone. Los Angeles: J. Paul Getty Museum.
- Hengel, Martin. 1977. Crucifixion in the Ancient World and The Folly of the Message of the Cross. London, Philadelphia: SCM Press Ltd. and Fortress Press.
- Herz, Norman and Garrison, Ervan G. 1998. Geological Methods for Archaeology. New York and Oxford: Oxford University Press.
- Hewitt, Joseph William. 1932. "The Use of Nails in the Crucifixion." The Harvard Theological Review, January Vol. 25, No. 1.
- Holum, Kenneth G. and Vikan, Gary. 1979. "The Trier Ivory, "Adventus" Ceremonial and the Relics of St. Stephen." Dumbarton Oaks Papers, Vol. 33 113, 115-133.

#### Works Cited

- F. Zhang, M. A. Aravanis, A. Adamantidis, L. d. Lecea and K. Deisseroth, "Circuit-breakers: optical technologies for probing neural signals and systems," *Nature Reviews Neuroscience*, vol. 8, no. 8, pp. 577-81, 2007.
- [2] F. Zhang, L.-P. Wang, M. Brauner, J. F. Liewald, K. Kay, N. Watzke, P. G. Wood, E. Bamberg, G. Nagel, A. Gottschalk and K. Deisseroth, "Multimodal fast optical interrogation of neural circuitry," *Nature*, vol. 446, no. 7136, pp. 633-639, 2007.
- "Basic Concepts in Fluorescence," Molecular Expressions, 8 April 2009. [Online]. Available: http://micro.magnet.fsu.edu/primer/techniques/fluorescence/fluorescenceintro.html.
   [Accessed 31 October 2013].
- [4] W. Drexler and J. G. Fujimoto, Optical Coherence Tomography: Technology and Applications, Berlin: Springer, 2008.
- [5] "Beckman Laser Institute & Medical Clinic," University of California-Irvine, [Online]. Available: http://dosi.bli.uci.edu/research/. [Accessed 1 November 2013].
- [6] "Extended Broadband SLD Light Source," Thorlabs, Inc., 2013. [Online]. Available: http://www.thorlabs.com/newgrouppage9.cfm?objectgroup\_id=1760. [Accessed 1 November 2013].
- [7] "Fluorescence Imaging Filters," Thorlabs, Inc., 2013. [Online]. Available: http://www.thorlabs.com/newgrouppage9.cfm?objectgroup\_id=2990&pn=MD515.
   [Accessed 1 November 2013].
- [8] S. J. Madsen, Optical Methods and Instrumentation in Brain Imaging and Therapy, New York: Springer, 2013.
- [9] C. Iadecola, "Neurovascular regulation in the normal brain and in Alzheimer's disease," Nature Reviews Neuroscience, vol. 5, no. 5, pp. 347-360, 2004.
- [10] R. Pashaie, P. Anikeeva, J. H. Lee, R. Prakash, O. Yizhar, M. Prigge, D. Chander, T. Richner and J. Williams, "Optogenetic Brain Interfaces," *IEEE Reviews in Biomedical Engineering*, In Print.
- [11] A. F. Fercher, W. Drexler, C. K. Hitzenberger and T. Lasser, "Optical Coherence Tomography-Principles and Applications," Reports on Progress in Physics, vol. 66, no. 2, pp. 239-303, 2003.
- [12] E. S. Boyden, F. Zhang, E. Bamberg, G. Nagel and K. Deisseroth, "Millisecond-timescale, genetically targeted optical control of neural activity," *Nature Neuroscience*, vol. 8, pp. 1263-1268, 2005.

#### References

- Aiken, L. S., & West, S. (1991). Multiple regression: Testing and interpreting interaction. Thousand Oaks, CA: Sage.
- Amstad, F. T., Meier, L. L., Fasel, U., Elfering, A., & Semmer, N. K. (2011). A meta-analysis of work family conflict and various outcomes with a special emphasis oncross-domain versus matching domain relations. *Journal of Occupational Health Psychology*, 16(2), 151–169.
- Ahmad, A., & Omar, Z. (2013). Informal Workplace Family support and turnover intention: A testing a mediation model. Social Behavior & Personality International Journal, 41(4), 555-556.
- Al-Ahmadi, H. (2014). Anticipated nurses' turnover in public hospitals in Saudi Arabia. International Journal of Human Resource Management, 25(3), 412-433. doi:10.1080/09585192.2013.792856
- Allen, T. D., Herst, D. E. L., Bruck, C. S., & Sutton, M. (2000). Consequences associated with work-to family conflict: A review and agenda for future research. *Journal of Occupational Health Psychology*, 5, 278 308. doi:10.1037/1076-8998.5.2.278
- AbuAlRub, R. (2010). Work and non-work social support and intent to stay at work among Jordanian hospital nurses. *International Nursing Review*, 57(2), 195-201. doi:10.1111/j.14667657.2009.00768.x
- Aryee, S. Wyatt, T. and. Min, M.K. (2001). Antecedents of Organizational Commitment and Turnover Intentions among Professional Accountants in Different Employment Setting in Singapore, *Journal of Social Psychology*, 131(4), 545-556
- Applebaum, D., Fowler, S., Fiedler, N., Osinubi, O., & Robson, M. (2010). The impact of environmental factors on nursing stress, job satisfaction, and turnover intention. *Journal* of Nursing Administration, 40(7-8), 323-328. doi:10.1097/NNA.0b013e3181e9393b
- Alonazi, N. A., & Omar, M. A. (2013). Factors affecting the retention of nurses. A survival analysis. Saudi medical journal, 34(3), 288-294.
- Aiken LH, Clarke SP, Sloane DM, Sochalski J, Silber J. (2002). Hospital Nurse Staffing and Patient Mortality, Nurse Burnout, and Job Dissatisfaction. *Journal of the American Medical Association*, 288(16):1987–93
- Aiken, L.H., Cimiotti, J., Sloane, D.M., Smith, H.L., Flynn, L., Neff, D.(2011). The effects of nurse staffing and nurse education on patient deaths in hospitals with different nurse work environments. Medical Care 49 (12), 1047–1053.

# SAMPLE APPENDIX PAGES (Same for Master's and Doctoral)

#### SAMPLE APPENDIX PAGES

#### APPENDIX B:

The Short Version of the Arthritis Self-Efficacy Scale



#### Arthritis Self-Efficacy Scale

For each of the following questions, please circle the number that corresponds to how certain you are that you can do the following tasks regularly at the present time.

1. How certain are you that you can decrease your pain quite a bit?

Very uncertain 1 2 3 4 5 6 7 8 9 10 Very certain

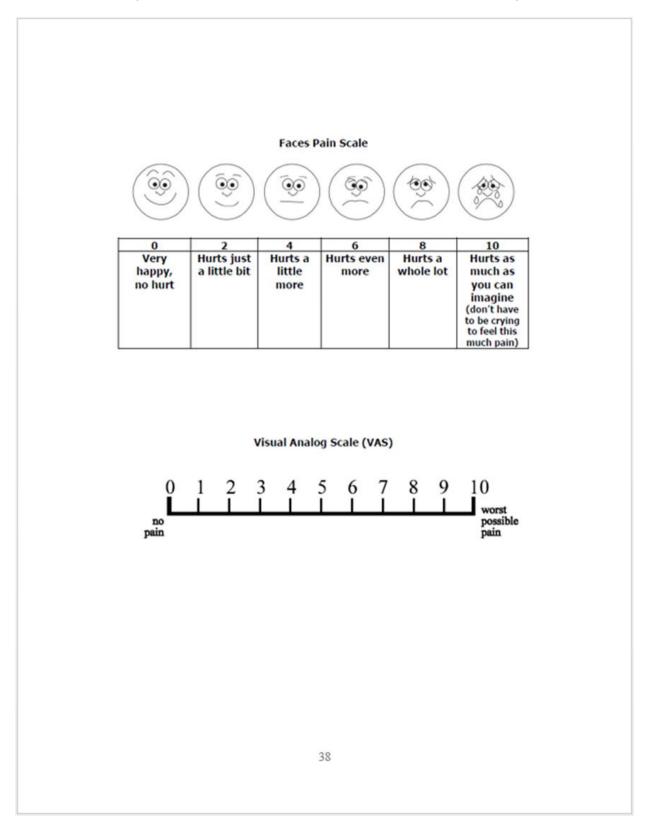
#### Items (using the same format as above):

- 1. How certain are you that you can decrease your pain quite a bit?
- 2. How certain are you that you can keep your arthritis or fibromyalgia pain from interfering with your sleep?
- 3. How certain are you that you can keep your arthritis or fibromyalgia pain from interfering with the things you want to do?
- 4. How certain are you that you can regulate your activity so as to be active without aggravating your arthritis or fibromyalgia?
- 5. How certain are you that you can keep the fatigue caused by your arthritis or fibromyalgia from interfering with the things you want to do?
- 6. How certain are you that you can do something to help yourself feel better if you are feeling blue?
- 7. As compared with other people with arthritis or fibromyalgia like yours, how certain are you that you can manage pain during your daily activities?
- 8. How certain are you that you can deal with the frustration of arthritis or fibromyalgia?

# SAMPLE APPENDIX PAGES (Same for Master's and Doctoral)

APPENDIX C:	
Visual Analog Scale	
37	

# SAMPLE APPENDIX PAGES (Same for Master's and Doctoral)

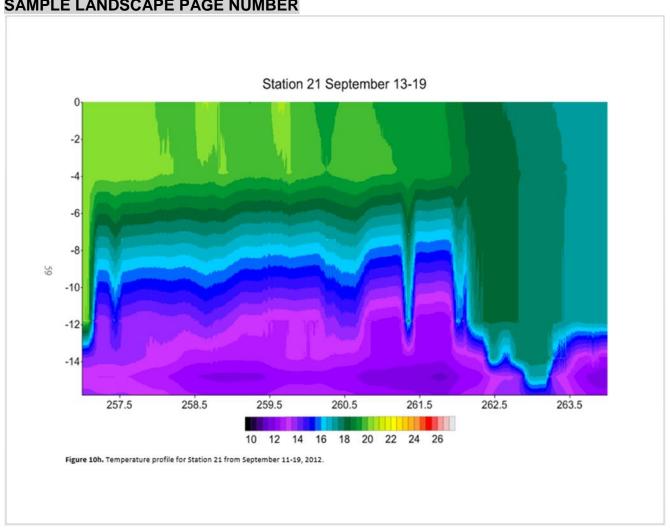


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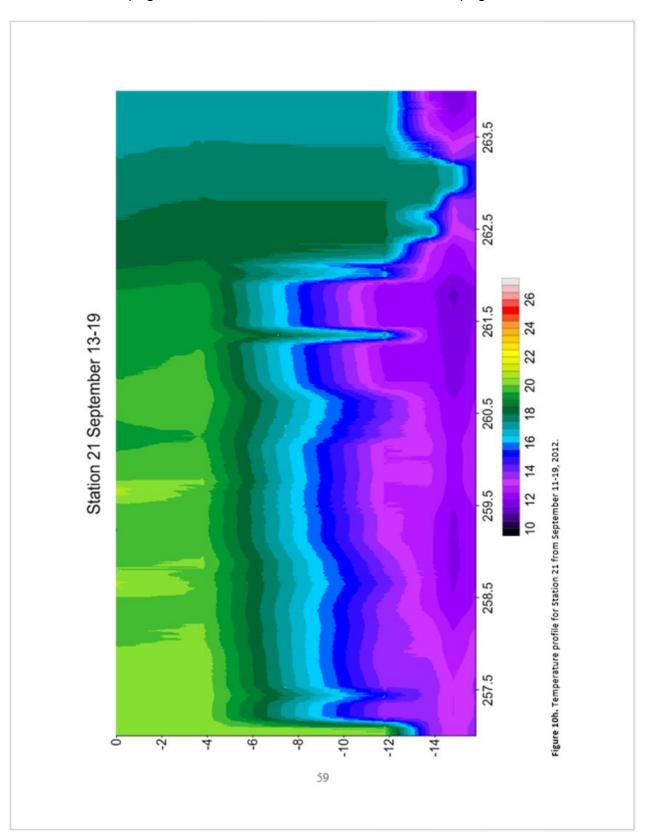
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#### SAMPLE LANDSCAPE PAGE NUMBER



# SAMPLE LANDSCAPE PAGE NUMBER (Same for Master's and Doctoral)

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### SAMPLE CURRICULM VITAE (DOCTORAL ONLY)

#### **CURRICULUM VITAE**

Chris Jung

Place of birth: Milwaukee, WI

Education (list only those institutions from which you received a degree)

B.A., University of Wisconsin-Milwaukee, May 1979

Major: Psychology

B.F.A., University of Wisconsin–Milwaukee, May 1985

Major: Music Education

M.L.I.S., University of Wisconsin-Milwaukee, May 1992

Dissertation Title: Factors Affecting Degree Progress of Graduate Students at a Large Urban University and Implications for Student Services Operations and University Policy

Other possible entries include Graduate Internships, Graduate Fieldwork, Affiliations/Memberships, Teaching Experience, Research Experience, Awards/Honors, Publications, Presentations, University Service

### Official List of Degrees – Doctoral & Education Specialist in School Psychology

**Doctor of Nursing Practice** 

Doctor of Philosophy in Africology

Doctor of Philosophy in Anthropology

Doctor of Philosophy in Architecture

Doctor of Philosophy in Biological Sciences

Doctor of Philosophy in Biomedical and Health Informatics

Doctor of Philosophy in Chemistry

Doctor of Philosophy in Communication

Doctor of Philosophy in Economics

Doctor of Philosophy in Educational Psychology

Doctor of Philosophy in Engineering

Doctor of Philosophy in English

Doctor of Philosophy in Environmental Health Sciences

Doctor of Philosophy in Environmental & Occupational Health

Doctor of Philosophy in Freshwater Sciences

Doctor of Philosophy in Geography

Doctor of Philosophy in Geosciences

Doctor of Philosophy in Health Sciences

Doctor of Philosophy in History

Doctor of Philosophy in Information Studies

Doctor of Philosophy in Kinesiology

Doctor of Philosophy in Linguistics

Doctor of Philosophy in Management Science

Doctor of Philosophy in Mathematics

Doctor of Philosophy in Nursing

Doctor of Philosophy in Physics

Doctor of Philosophy in Political Science

Doctor of Philosophy in Psychology

Doctor of Philosophy in Public Health

Doctor of Philosophy in Social Welfare

Doctor of Philosophy in Sociology

Doctor of Philosophy in Urban Education

Doctor of Philosophy in Urban Studies

**Doctor of Physical Therapy** 

**Education Specialist in School Psychology** 

### Official List of Degrees - Master's

Master of Architecture

Master of Arts in Art

Master of Arts in Art History

Master of Arts in Communication

Master of Arts in Economics

Master of Arts in English

Master of Arts in Geography

Master of Arts in History

Master of Arts in Language, Literature, and Translation

Master of Arts in Linguistics

Master of Arts in Media Studies

Master of Arts in Philosophy

Master of Arts in Political Science

Master of Arts in Sociology

Master of Arts in Spanish

Master of Arts in Women's & Gender Studies

Master of Business Administration

Master of Fine Arts in Art

Master of Fine Arts in Dance

Master of Fine Arts in Performing Arts

Master of Healthcare Administration

Master of Human Resources and Labor Relations

Master of Liberal Studies

Master of Library and Information Science

Master of Music

Master of Nursing

Master of Public Administration

Master of Public Health

Master of Science in Administrative Leadership

Master of Science in Anthropology

Master of Science in Architecture

Master of Science in Art Education

Master of Science in Biological Sciences

Master of Science in Biomedical Sciences

Master of Science in Chemistry

Master of Science in Communication Sciences and Disorders

Master of Science in Computer Science

Master of Science in Criminal Justice

Master of Science in Cultural Foundations of Community Engagement and Education

Master of Science in Curriculum and Instruction

Master of Science in Educational Psychology

Master of Science in Engineering

Master of Science in Exceptional Education

Master of Science in Freshwater Sciences and Technology

Master of Science in Geography

Master of Science in Geosciences

Master of Science in Health Care Informatics

Master of Science in Information Science and Technology

Master of Science in Information Technology Management

Master of Science in Kinesiology

Master of Science in Management

Master of Science in Mathematics

Master of Science in Nonprofit Management and Leadership

Master of Science in Nursing

Master of Science in Occupational Therapy

Master of Science in Physics

Master of Science in Psychology

Master of Science in Urban Studies

Master of Social Work

Maser of Sustainable Peacebuilding

Master of Urban Planning