

Council of Graduate Coordinators and Staff (CGCS) Meeting

February 14, 2014

Agenda Items

- LaTeX Thesis/Dissertation Template
- Course Renumbering Efforts
- EndNote- Tracy Primich
- Pending files
- Upcoming Events
- Reminders/Deadlines
- Open Items

LaTeX Thesis/Dissertation Template

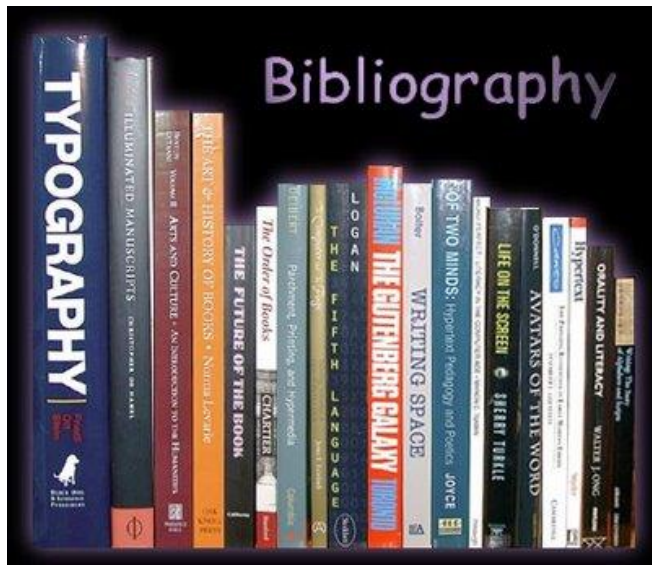
- Currently no LaTeX template available
- Meeting to discuss possibly creating a template
- If you have comments, or you wish to be included in the meeting, email Sharon (matsons@mst.edu) by Tuesday, February 18th.

Course Renumbering Efforts

- Our office has sent out our revisions to our sections of the Graduate Catalog that reflect the course renumbering to the Graduate Council for review.
- We are currently receiving feedback and will discuss further in the Feb 19th meeting.

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Challenges

- writing process
- un-intentional plagiarism
- where to find help

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- free to MST community
- Seamless tool
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 - attach the full-text of the articles
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Articles

[\[PDF\] Semiconductor clusters, nanocrystals, and quantum dots](#)

[WK Leutwyler, SL Bürgi, HB Bürgl - Science, 1996 - cs.duke.edu](#)

Current research into semiconductor clusters is focused on the properties of **quantum dots**—fragments of semiconductor consisting of hundreds to many thousands of atoms—with the bulk bonding geometry and with surface states eliminated by enclosure in a material that ...

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[Quantum computation with quantum dots](#)

[D Loss, DP DiVincenzo - Physical Review A, 1998 - arxiv.org](#)

The work of the past several years has greatly clarified both the theoretical potential and the experimental challenges of **quantum** computation 1. In a **quantum** computer the state of each bit is permitted to be any **quantum**-mechanical state, a qubit **quantum** bit, or two- ...

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[Quantum dots for live cells, in vivo imaging, and diagnostics](#)

[X Michalet, FF Pinaud, LA Bentolila, JM Tsay, S Doose... - science, 2005 - sciencemag.org](#)

Abstract Research on fluorescent semiconductor nanocrystals (also known as **quantum dots** or qdots) has evolved over the past two decades from electronic materials science to biological applications. We review current approaches to the synthesis, solubilization, and ...

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[\[BOOK\] Quantum dot heterostructures](#)

[D Bimberg, M Grundmann, NN Ledentsov - 1999 - library.wisc.edu](#)

... TX Contents K t-i—, Preface ix 1 Introduction 1 1.1 Historical Development 1 -1.1.1 From atoms to solids 1 1.1.2 From solids to 2D heterostructures 1 1.1.3 From 2D heterostructures to **quantum dots** 3 1.2 Basic Requirements for QDs in Room Temperature Devices 6 1.2.1 Size 6 ...

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[\[PDF\] from wisc.edu](#)

[In vivo cancer targeting and imaging with semiconductor quantum dots](#)

[X Gao, Y Cui, RM Levenson, LWK Chung, S Nie - Nature biotechnology, 2004 - nature.com](#)

Abstract We describe the development of multifunctional nanoparticle probes based on semiconductor **quantum dots** (QDs) for cancer targeting and imaging in living animals. The structural design involves encapsulating luminescent QDs with an ABC triblock copolymer

[\[PDF\] from fiu.edu](#)

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The screenshot displays the EndNote software interface. On the left, a sidebar shows the library structure with 'My Library' containing 73 references, 'Unfiled' (0), 'Trash' (0), and 'My Groups' including 'breaking bad' (40), 'carbon nanotubes' (31), and 'citations' (2). The main window shows a search results table with columns for Author, Year, Title, Rating, Journal, and Last Updated. The selected reference is by Chiu, Fang-Chyou (2014) titled 'Comparisons of phase morphology and physical properties of PVDF nanocomposites filled with organoclay and/or multi-walled carbon nanotubes', published in 'Materials Chemistry and Physics'.

Author	Year	Title	Rating	Journal	Last Updated
Adeleye, Adeyem...	2014	Long-term colloidal stability and metal leaching ...		Water Research	1/16/2014
Al-Youbi, Abdulr...	2014	Effects of multiwalled carbon nanotube morphol...		Applied Catalysi...	1/16/2014
Aydogdu, Metin	2014	Longitudinal wave propagation in multiwalled ...		Composite Str...	1/16/2014
Chen, Bin-Hao; C...	2014	Tuning the torsion mechanical properties of ca...		International A...	1/16/2014
Chiu, Fang-Chyou	2014	Comparisons of phase morphology and physical...		Materials Che...	1/16/2014
Ghosh, Arnab; G...	2014	Near infrared fluorescence and enhanced elec...		Journal of Non...	1/16/2014
Gupta, Tejendra ...	2014	Multi-walled carbon nanotube-graphene-polya...		Nanoscale	1/16/2014
Hou, X.; Lei, S.; Q...	2014	A multi-residue method for the determination...		Food Chemistry	1/28/2014
Huang, Yung-Jui;...	2014	Field emission characteristics of vertically aligned...		Materials Scienc...	1/16/2014
Kim, H. K.; Nam, I...	2014	Enhanced effect of carbon nanotube on mechani...		Composite Stru...	1/16/2014
Larin, Sergey V.; ...	2014	Molecular-dynamics simulation of polyimide m...		RSC Advances	1/16/2014
Likodimos, Vlasi...	2014	Controlled surface functionalization of multiw...			1/16/2014
Lin, F.; Xiang, Y.	2014	Numerical analysis on nonlinear free vibration ...		International J...	1/16/2014
Marschewski, Jul...	2014	Synergistic integration of Ni and vertically alig...		Carbon	1/16/2014
Mazov, I. N.; Iliny...	2014	Thermal conductivity of polypropylene-based co...		Journal of Alloy...	1/16/2014
Mekki, Ahmed; ...	2014	Core/shell, protuberance-free multiwalled car...		Journal of Collo...	1/16/2014
Mubarak, N. M.; ...	2014	Removal of heavy metals from wastewater usi...		Separation and...	1/28/2014
Mundra, R. V.; W...	2014	Nanotubes in biological applications		Current Opinio...	1/28/2014
Neeraj; Raina, K...	2014	Multiwall carbon nanotubes doped ferroelectri...		Physica B: Cond...	1/16/2014
Rezania, Hamed	2014	Specific heat of doped armchair and zigzag car...		Physica E: Low-...	1/16/2014
Shen, Mohai; Xia...	2014	Influence of carbon nanotubes with preloaded...		Environmental ...	1/16/2014
Smith, Sean C.; A...	2014	A comparative study of lysozyme adsorption w...		Chemical Engin...	1/16/2014
Tashakori, H.; Kh...	2014	Ab initio systematic study of chirality effects o...		Computational ...	1/16/2014
Tilton, S. C.; Kari...	2014	Three human cell types respond to multi-walle...		Nanotoxicology	1/28/2014
Vishkavi, S. Izadi; ...	2014	Spin thermoelectric properties of a carbon nanot...		Journal of Mag...	1/16/2014

Showing 31 of 31 references in Group. (All References: 73)

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carbon nanotubes Find

Author	Year	Title
Adeleye	2014	Long-term colloidal stability and metal leaching of single wall carbon nanotubes: Effect of temperature and extra
Al-Youbi	2014	Effects of multiwalled carbon nanotube morphology on the synthesis and electrocatalytic performance of Pt sup
Aydogdu	2014	Longitudinal wave propagation in multiwalled carbon nanotubes
Chen	2014	Tuning the torsion mechanical properties of carbon nanotube by feeding H2 molecules
Chiu	2014	Comparisons of phase morphology and physical properties of PVDF nanocomposites filled with organoclay and/or
Ghosh	2014	Near infrared fluorescence and enhanced electrical conductivity of single walled carbon nanotube-lead silicate gl
Gupta	2014	Multi-walled carbon nanotube-graphene-polyaniline multiphase nanocomposite with superior electromagnetic shie
Hou	2014	A multi-residue method for the determination of pesticides in tea using multi-walled carbon nanotubes as a disper
Huang	2014	Field emission characteristics of vertically aligned carbon nanotubes with honeycomb configuration grown onto g
Kim	2014	Enhanced effect of carbon nanotube on mechanical and electrical properties of cement composites by incorpor
Larin	2014	Molecular-dynamics simulation of polyimide matrix pre-crystallization near the surface of a single-walled carbon n
Likodimos	2014	Controlled surface functionalization of multiwall carbon nanotubes by HNO3 hydrothermal oxidation

Reference Type: Journal Article
 Record Number: 192
 Author: Adeleye, Adeyemi S.
 Keller, Arturo A.
 Year: 2014
 Title: Long-term colloidal stability and metal leaching of single wall carbon nanotubes: Effect of temperature and extracellular polymeric substances
 Journal: Water Research
 Volume: 49
 Pages: 236-250
 ISSN: 00431354
 DOI: 10.1016/j.watres.2013.11.032

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This is my really terrific paper. [1](#)

1. Adeleye, A. S.; Keller, A. A., Long-term colloidal stability and metal leaching of single wall carbon nanotubes: Effect of temperature and extracellular polymeric substances. *Water Research* **2014**, *49*, 236-250.

Goals

Student Awareness

- library workshops
- documentation
 - <http://libguides.mst.edu/endnote>

Your thoughts and suggestions

PENDING FILES

Upcoming events

- Chancellor's Fellows Poster Session
 - Monday, February 24th 9am-4pm, St. Pat's A,B,& C
- Networking on the Golf Course
 - Wednesday, March 5th 12pm, Havener Missouri Room
- Chancellor's Fellows Awards Banquet
 - Thursday, March 6th 5:30pm, St. Pat's A

Reminders

- Application for Graduation is due February 18th.
- Last day to submit a T/D for technical editing is March 14th (for May graduates)
- Form 1-B is due March 14th (if required)
- Graduate Catalog revisions per unit & submit to Registrar's.

Open Items

Thanks for attending.

Next Meeting:

March 14th 12pm, 140 Toomey Hall