INLS 882, Research Issues and Questions II —Syllabus

_____

Jane Greenberg, Professor, and Director Metadata Research Center <MRC> **Office:** 205 Manning Hall **Email:** janeg@email.unc.edu **Homepage:** http://ils.unc.edu/~janeg	**Class time:** Tuesday, 2:00-4:45 PM **Office Hours:** Consult my webpage **Place:** Manning Hall, Room 214 **Class materials:** Sakai

_____

Course Description

"Intensive and systematic investigation of the fundamental ideas in information and library science. Exploration and discussion in seminar format" (http://sils.unc.edu/courses#301).

Overview and Course Objectives

This year-long course aims to prepare productive scholars. Participants will be introduced to the range of research questions and issues that arise in the field of information and library science (ILS) and disciplines. The class will place an emphasis on the research interests of the current SILS faculty and doctoral students. The role of both theory and prior research in generating research questions will be discussed. The variety of methods available to conduct research will be reviewed.

Class members will participate in reading, reviewing, analyzing, and discussing, in some detail, relevant research literature. A significant part of research-and-discovery is formulating questions, and considering ways those questions can be addressed. Throughout the term will be asking questions about the ILS field and disciplines with which we often collaborate:

A second goal of this seminar is to assist participants in being successful as doctoral students at SILS. This means that it is very important that each person has an opportunity to explore and cultivate their individual research interests as they move through the course.

Specific objectives in this arena are to help you:
- Develop a deeper sense of your research interests,
- Begin to form your own research agenda,
- Develop critical reading/thinking skills,
- Consider the role of research questions, theory, and methods,
- Develop an understanding of the writing requirements of scholarly communication,
- Develop a sense of scholarship and academic life in the information field, and
- Develop an understanding of faculty expectations and program procedures for SILS doctoral students.

Class Communication

I will mainly use the Sakai announcement board for important updates. Please make a commitment to checking the announcement stream. I may post reading updates, news about guests, exciting talks, publications, and so forth. A class listserv has been set up with the address:

docseminar@sakai.unc.edu.   I will use the listserv too, although I do try to use it sparingly. Please use the announcement board and list to share news, ask questions, whatever seems appropriate.

Assignments and Evaluation
Course grades are determined as follows:
- 25 points: Class Participation
- 50 points: Assignments
- 25 points: Final Assignment

Class Participation [25 points]
Active participation is encouraged and expected. The class will provide ample opportunity for you to share your thoughts and comment on research literature, events attended, issues in the field or world at large. Dialog is essential for 1.) *formulating solid research questions*, and 2.) *determining the best research questions can be investigated*. My philosophy is that discussion is integral the learning process, can lead to an exciting session (perhaps more exciting than the one planned!), and will enrich our time together. Please note there may be occasions when I have to limit a discussion in order to cover essential material.

Assignments [50 points total]
Four assignments will be given in connection with the class agenda. A handout will accompany each assignment. An outline of the assignments for the term is listed directly below.

1. **Exploring and explaining a research method [5 points]** [Assigned Session 2, due Session 4-5]

2. **Review of a conference paper and a journal paper [15 points]** [Assigned Session 5, due Session 8]

3. **Critiquing research methods in 2 selected research studies [20 points]** [Assigned Session 6, due April 1]

4. **Talk reviews [10 points]** [Assigned Session 6, a.s.a.p., May 2nd, final deadline]

PLEASE note due date in Sakai is currently listed as **May 2** (updates), 2014 for all assignments.   This is the **drop dead deadline** for now, and a way for me to cope with people who may need to hand in assignment past the due date given a compelling reason or circumstance.   If you do not make the official deadline listed on the assignment, please consult with me promptly, so we can establish a reasonable due date. The April 30 deadline is only there given system limitations; and, in general, we'll establish a new due date within the next couple of days from when an assignment is due – again for compelling reasons.

Final assignment [25 points]
More information will be given as we progress through the term. The general thrust is a literature review or research undertaking.

Attendance and Preparedness
I will come to class prepared, and I expect the same of you. I understand that that you may need to miss class due to certain circumstances. If you are absent, I expect you to first coordinate with a class colleague to review the session's discussion, and collect any missed items. By all means, please contact me if you have questions or outstanding issues.

Readings

Please complete all readings prior to the class meeting for which they are assigned. Most of the readings are available on the web or placed in Sakai—in our resources folder labeled "readings." If a link is broken or you can't find a reading, I would appreciate you letting me know immediately. The E-Journal Finder (http://eresources.lib.unc.edu/ejournal/) is accessible via the UNC Library and a good place to find articles. Syllabus readings that include a call number are available from the SILS library's reserve service.   The syllabus is a bit organic, so please anticipate change during the term.

Honor Code

Collaboration, discussion, and seeking assistance from other students are encouraged in this class and are not inconsistent with the Honor Code. In the case of written work, all words drawn from others must be attributed appropriately.

Grading

H 100-95%, P+ 94-90%, P 89-85%, P- 84-80%, L 79-70%, F < 69%

Syllabus Status

While the syllabus provides the framework for this course and lists assigned and recommended readings, it's possible that items will be added or deleted throughout the term.

We are members of a dynamic and growing field. Events, such as a guest lecturer, a newsworthy development, or other happenings related to organizing information, may occur and side track us from the intended schedule.

_____

Week No.	Date	Topics	Reading Assignment (▉ = Reading available via Sakai)
1	Jan. 14	Information; information processes; studying/comprehending information	**Guest:** Professor Robert Losee (http://ils.unc.edu/~losee/). ▪ Losee, R. M. (2012). Information from Processes: About the Nature of Information Creation, Use, and Representation. InformationFromProcesses.org (also: http://www.ils.unc.edu/~losee/ifp/). READ the introduction, Chapters 1 & 2, and pick one other chapter beyond chapter 2. (In sum, you should read the introduction and three chapters.). The full book and individual chapters are available for free download via UNC's catalog @: http://link.springer.com.libproxy.lib.unc.edu/book/10.1007%2F978-3-642-31190-1. Professor Losee's words: "I will talk some about my organizing info and retrieval work and then talk some about the IFP book and the study of information. I hope that I can get reactions

			from them about how to study information in their own areas of interest."
			■ Scroll down to the bottom of the page (http://www.ils.unc.edu/~losee/ifp/) and see: <mark>quick I.S. knowledge quiz.</mark>
			■ You can also find a link to Professor Losee's twitter account.
2	Jan. 21	Widernet; knowledge workers – processes and approaches	**Guests:** Cliff Meissen, Clinical Associate Professor and Director of the WiderNet Project; and Mohammad Hossein Jarrahi, Assistant Professor.
			From Cliff
			■ The WiderNet Project Web site: http://www.widernet.org.
			■ Three Hundred Libraries Later: Evaluating the eGranary Digital Library and off-line information delivery in education: http://www.widernet.org/sites/default/files/eGranaryEvalLINC.pdf.
			■ United Nations Universal Declaration of Human Rights: http://www.ohchr.org/EN/UDHR/Documents/UDHR_Translations/eng.pdf (especially Article 19, Article 26, Article 27).
			■ World Internet Users and Population Stats: http://www.internetworldstats.com/stats.htm.
			■ VIDEO: Dr. Bonny Norton Presents: Hybrid Technologies, Language Education, Digital Literacy and Imagined Identities - the eGranary in Ugandan Classrooms: https://clas.uiowa.edu/dwllc/news-events/dr-bonny-norton-presents-hybrid-technologies-language-education-digital-literacy-and (Scroll to bottom of this Web page to find the video…).
			From Mohammed
			■ Barley, S. R. 1990. Images of Imaging: notes on doing longitudinal fieldwork. Organization Science 1 (3): 220-247: http://cleo.ics.uci.edu/teaching/Spring08/163/readings/Barley.pdf.
			■ Jarrahi. M.H (2013) Assemblage of Social Technologies and Informal Knowledge Sharing: http://www.aaai.org/ocs/index.php/ICWSM/ICWSM13/paper/viewFile/6259/6304.
			■ Jarrahi, M. and Sawyer, S. (forthcoming) "Theorizing on the Take-up of Social Technologies, Organizational Policies and Norms, and the Knowledge-sharing Practices of Consultants", Journal of the American Society for Information Science and

			Technology (JASIST): ▉ (also sent via email).
3	Jan. 28	Data intensive environments; cyberinfrastructure; data preservation; HCI/human information behavior; making your way via the research/ph.d. process	**Guests:** Professor Regan Moore (http://dice.unc.edu/people/); Professor Arcot Rajasekar (scroll down @ http://dice.unc.edu/people/); and Dean and Cary C. Boshamer Distinguished Professor, Gary Marchionini (see: http://ils.unc.edu/~march/). **From Reagan and Raja** ■ Data Intensive Cyber Environments (DICE) Center website: http://dice.unc.edu/. ■ Rajasekar, A., Wan, M., Moore, R., Schroeder, W. (2012). Micro-Services: A Service-Oriented Paradigm for Scalable, Distributed Data Management. Data Intensive Distributed Computing. ISBN13: 9781615209712, pp. 74-93. ▉ ■ Moore, R. (2008). Towards a Theory of Digital Preservation. International Journal of Digital Curation, 3 (1): 63-75: http://ijdc.net/index.php/ijdc/article/view/63/42. ■ Explore browse papers @: http://databridge.web.unc.edu/. ■ [Award winning paper!] A. Rajasekar, Kum, H., Crosas, M., Crabtree, J., Sankarin,S., Lander, H., Carsey, T., King, G., Zhan, J. (2013). The DataBridge, Science Journal, ASE: http://databridge.web.unc.edu/files/2013/01/Databridge-ConferenceVersion-final.pdf. **For Dean Marchionini** "Hi Jane, I think I'd like to focus on the power of figures in scholarly publishing with two examples: my information seeking process model from my 1995 book (the chapter is available in a nicely readable form WITHOUT the figures at http://www.ils.unc.edu/~march/isee_book/Chapter_3.pdf and a scan of the chapter with figures is at http://comminfo.rutgers.edu/~muhchyun/courses/520/readings/10th/Marchionini1995-Ch3.pdf). The second example is the figure of exploratory search from my CACM paper available at http://dl.acm.org/citation.cfm?id=1121979."
4	Feb. 4	Human information behavior/HCI; web search – interaction; PIM	**Guests:** Jaime Arguello, Assistant Professor (http://ils.unc.edu/~jarguell/); and Robert Capra, Assistant Professor (http://ils.unc.edu/~rcapra/). Readings sent via email.
5	Feb. 11	Ibiblio; social media;	**Guests:** Paul Jones, Director of ibiblio.org and Clinical Professor, School of Journalism and Mass Communication and SILS

		engagement	(http://ibiblio.org/pjones/blog/about-paul-jones/); and Zeynep Tufekci, Assistant Professor (http://technosociology.org/). **For Paul Jones** Explore ibiblio: http://www.ibiblio.org/. Ponder the following questions: 1. What do you think about achieving anonymity and privacy [in today's information space/s]? 2. What are your thoughts on preserving database driven sites? 3. What are your thoughts, insights, views on needs, efforts, etc. toward network and other types of information access for underserved neighborhoods? **Zeynep's readings** ■ Tufekci, Z. and Wilson, C. (2012). Social Media and the Decision to Participate in Political Protest: Observations From Tahrir Square. Journal of Communication, 62(2), 363-379. ▮ ■ Tufekci, Z. (2008). Can you see me now? Audience and disclosure regulation in online social network sites. Bulletin of Science, Technology & Society, 28(1), 20-36. ▮
6	**Feb. 18**	Digital humanities; mapping communities; personal data/value	**Guests:** Richard Marciano, Professor and Director @ Sustainable Archives & Leveraging Technologies group (SALT) (http://salt.unc.edu/); Tom Caruso, Ph.D., MBA, PMP Health Informatics Liaison Research Associate RTI-Center for the Advancement of Health Information Technology, and UNC-School of Information & Library Science. **Richard's reading** ■ Validating the Past. Living [section]. Asheville Citizen Times, Aug-4-2013, Pt 1 - D1: ▮; Pt 2 - D6: ▮ **Tom Caruso's selected items** ■ To get a sense of Tom's work, *view/listen* to his presentation: https://sas.elluminate.com/site/external/jwsdetect/nativeplayback.jnlp?sid=2009099&psid=2013-11-21.1329.M.7D98B628EAC6C27B5D24808CC99842.vcr. This is about his work with **SGHI Exchange**. You need to enter name and email address when the first window comes up and then the recording will be available. **Note: Click Playback -> Play to hear the presentation.** The presentation is about 45 minutes. **To help with our discussion with Tom, and as a f.y.i., please pick one or more of the following, and skim:** ■ Acquisti, Alessandro. "The Economics of Personal Data and the

			Economics of Privacy." Office for Economic Cooperation and Development, December 1, 2010. http://www.oecd.org/sti/ieconomy/46968784.pdf. ■ OECD. Exploring the Economics of Personal Data: A Survey of Methodologies for Measuring Monetary Value. OECD Digital Economy Papers. Office for Economic Cooperation and Development Publishing, 2013. http://www.oecd-ilibrary.org/docserver/download/5k486qtxldmq.pdf?expires=1392152218&id=id&accname=guest&checksum=3FE0B6864DB6E08FC1C9CF91CE5428BA. ■ Boston Consulting Group. "Unlocking the Value of Personal Data: From Collection to Usage." World Economic Forum, February 2013. http://www3.weforum.org/docs/WEF_IT_UnlockingValuePersonalData_CollectionUsage_Report_2013.pdf.
7	Feb. 25	Jane in Munich	**Attend an open lecture, and be ready to share a few comments when we next meet. Please note we'll also likely be attending a TRACS talk sometime in March.** **To help with Assignment 2** ■ Bornmann, L., and Daniel, H.-D. (2010). The manuscript reviewing process: Empirical research on review requests, review sequences, and decision rules in peer review. Library & Information Science Research, 32(1), 5-12. ▌ ■ Schwartz, C., and Hernon, P. (2010). Some thoughts on peer review. Library & Information Science Research, 32(1), 13-15. ▌ **Please also read** ■ Lee, A.S. (2007). Crafting a Paper for Publication. Communications of the Association for Information Systems, 20, 33-40. ▌ ■ Mingers, J. (2002). The Long and Winding Road: Getting Papers Published in Top Journals. Communications of the Association for Information Systems, 8, 330-339. ▌
8	March 4		David Gotz, Associate Professor, Assistant Director, Carolina Health Informatics Program (CHIP), (http://gotz.web.unc.edu/); Javed Mostafa, Professor, Information Science & Biomedical Research & Imaging Center (http://lair.unc.edu/); and Stephanie W. Haas, Professor (http://ils.unc.edu/~stephani/). Reading, forthcoming.
	March 11	Spring break	
9	March		■ Moran, Tibbo [OR, April 8, or?] Cohort visit

	18		
10	March 25	Time on a talk	**Creating effective posters** ■ Creating Effective Poster Presentations: http://www.ncsu.edu/project/posters/. View video, 4:33, link upper right-hand; explore other links. ■ Designing Effective Posters http://guides.lib.unc.edu/posters. Explore the tabs—Design Elements, Design Process, etc. ■ Guide to creating research posters http://www.utexas.edu/ugs/our/poster. Explore, particularly poster samples and templates.
11	April 1		■ Class updates ■ Meredith Weiss, Associate vice Chancellor for Business and administration in the University's Division of Finance and Administration: http://sils.unc.edu/news/2012/meredith-weiss-avc. ■ Jane's Metadata Research
12	April 8		■ we'd meet at 2:00 in the gallery and I'd speak about the current exhibition ■ Visit from Alex Poole
12	April 15		■ Meeting w/your cohort current and graduated.
14	April 22	Last class	■ Individual meetings scheduled the week of April 15, or the week of April 21. We will also arrange an end-of-term celebration for the week of May 5, for folks who are around.