GS711: RCR Forum series
Fall 2013
(Revised 9/18/2013)

The RCR Forum series is designed for the professional development of Ph.D. students at Duke; official transcript credit is awarded toward the overall RCR degree requirement and to document training for funding agencies. Duke postdocs are welcome to participate (space permitting). Beyond RCR Orientation, each Ph.D. student must complete at least 6 hours of additional training. Follow the links below to Pre-register. Do NOT register in ACES.

GS711-01   **"Export Controls: What Graduate Students Need to Know"**
Speakers: Mark Stomski, Director of Export Controls;
John Jenkins, Asst. Director of Export Controls
Duke University Office of Research Support
Date/Time: Rescheduled November 15, 2013 3:00-5:00pm)
Location: New Room: Perkins Library, Room 217
Description:

> The United States government regulates the export of high technology items such as night vision or satellite equipment. Similarly, U.S. regulations limit the amount of information that may be released to foreign nationals regarding how to design, develop, or produce "controlled" technologies. This session will be an overview of complex laws and regulations on export controls and how they apply to university research. Physical exports, working with foreign nationals, and international travel will be explored. Students will have an opportunity to review the export control list to determine if their research may be export controlled. Researchers who anticipate work with U.S. military agencies (DOD, etc.) are highly encouraged to attend this session.

To Pre-register: NEW   **http://tinyurl.com/p9zzoo2**   (2 RCR Credits)
(Open to all Ph.D. students & postdocs in relevant Pratt or STEM fields)

GS711-02   **"Humanities and Social Science Research in the Digital Age: Ethical Issues in Research"**
Speakers: **Heidi Madden, Ph.D., M.L.S.,** Librarian for Western European and Medieval Renaissance Studies, Perkins Library
Ciara Healy, M.L.I.S., Librarian for Psychology and Neuroscience
Carson Holloway, Librarian for History of Science and Technology, Military History, British and Irish Studies
Date/Time: **Tuesday, Oct. 1, 2013   3:00-5:00pm**
Location: **Social Science Building, Room 139**
Description: Digital workflows are becoming more central to research in the humanities & social sciences. Duke University Library specialists will focus on these emerging research challenges. This Forum will address how to use digital tools to gather, share, and

disseminate research. Topics will include an overview of Duke Library resources, as well as a hands-on demonstration for downloading and managing citations and bibliographies in two citation management tools (likely Endnote and Zotero). The session will include tips on the use of databases and other digital tools to maximize research integrity. NOTE: Participants should bring a laptop and review some of the website related to Citation prior to the workshop: http://library.duke.edu/research/citing/index.html

To Pre-register: **http://tinyurl.com/nfue2wk**   **(2 RCR Credits)**

(Open to Ph.D. students & postdocs in Humanities & Social Sciences)

GS711-03   **"Greening Your Lab: Environmentally sustainable practices for research laboratories at Duke"**

Speakers: Randy Smith, Dept. Manager, Biology Department
Lab Manager (tba)

Date/Time: **Tuesday, Oct. 8, 2013   3:00-5:00pm**

Location: Social Science Building, Room 139

Description:

Did you know that on a per square foot basis, research labs can require five times more energy to operate than classrooms and office spaces? Laboratories also typically utilize hazardous chemicals and a large volume of consumable supplies. This session will discuss steps that researchers can take to lessen their work's impact on the environment while also improving the safety of their lab and reducing costs. We will also discuss the Duke Green Lab certification requirements and process. See these sites for general info: http://sustainability.duke.edu/action/certifications/labs/index.php and http://sites.duke.edu/greenlabs/

To Pre-register: **http://tinyurl.com/nrg5p9v**   (2 RCR Credits)

(Open to Ph.D. students & postdocs in Basic Med Sciences, Natural Sciences & Engineering, & STEM disciplines)

GS711-04   **Informed Consent: Campus IRB Issues in Research with Human Subjects**
Speakers: **Staff, Duke Office of Research Support, Campus Human Subjects Protection**
Date/Time: **Tuesday, Oct. 22,   3:00-5:00pm**
Location: **Social Science Building, Rm. 139**
Description: Meet with staff from Duke's Campus IRB (non-medical) not only to learn the basics of what qualifies as 'research with human subjects,' but also how to meet initial certification requirements, clarify types of review and protocol steps, recognize common errors or oversights, and discuss case studies about 'informed consent' in various types of research populations or communities.

To Pre-register: **http://tinyurl.com/p2gdvmr**   (2 RCR credits)

(Open to Ph.D. students & postdocs conducting non-medical research with human subjects)

(continued)

GS711-05   **"Copyright & Fair Use in Research & Teaching"**

Speaker: Kevin Smith, JD, Scholarly Communications Officer, Perkins Library, Duke

Description: As more and more scholarship and teaching involves digital resources and digital communications, copyright issues have become more important, and more contentious, than ever before. This forum will examine some of the basic principles of copyright law and discuss how they apply to research and teaching. We will discuss the parameters of the elusive "fair use" privilege and the lawsuits against higher education institutions that it has spawned. We will also consider the issue of intellectual property ownership for scholars and how that ownership can best be managed to serve the interests of the scholar and of the academic community in general.

Date/Time: **Tuesday, Oct. 29, 2013   3:00pm-5:00pm**

Location: Social Sciences Building, Room 139

To Pre-register: http://tinyurl.com/oaxsz2m   (2 credits)

(Open to all Ph.D. students & postdocs)

GS711-06   **"Issues in Genomics Research & Gene Patents"**

Speaker: **Robert Cook-Deegan, M.D.;** Research Professor; Institute for Genome Sciences & Policy and Sanford School of Public Policy

Date/Time: **Friday, Nov. 1, 2013   1:15-3:15pm**

Location: **Physics Building, Room 130**

Description:

The field of genome based diagnostics, as we move toward whole-gene sequencing, was impacted by the legal verdict against Myriad Genetics in the case that invalidated patents held by Myriad on the BRCA1 and BRCA2 genes. The legal status of gene patents remains a contentious issue and has implications for researchers and anyone interested in personal genomics.

To Pre-register: http://tinyurl.com/manef2z   (2 RCR Credits)

(Open to all Ph.D. students & postdocs)

GS711-07   **"Workplace Ethics: What you need to know about organizational culture and mentors as supervisors"**

Speaker: John Hawkins, President, Leadership Edge, Inc.; Business Ethics Advisor

Description: This workshop will offer insights from a "lifestyle leadership" model to engage in critical reflection on the culture of a university and departments. The model is relevant to help you navigate faculty-graduate student communication dynamics and improve your self-leadership skills.

Date/Time: **Tuesday, Nov. 5, 2013   3:00pm-5:00pm**

Location: Social Sciences Building, Room 139

To Pre-register: http://tinyurl.com/kk7f79q   (2 RCR credits)

(Open to all Ph.D. students & postdocs)

(continued)

GS711-08	"Dilemmas: Promoting Scholarly Integrity in Research -- Data Management, Plagiarism or Other Questionable Behaviors"
Speakers:	**Theater Delta**

THEATERDELTA
Interactive Theater for Social Change

Ben Saypol, Ph.D., Director

Description: This workshop will use Interactive Theater – scripted and improvisational audience participatory theater – to promote dialogue and change around topics relevant to conducting research and scholarship with integrity. Participants will witness a scene, have an opportunity to interact with and challenge the characters, and then take part in a facilitated conversation about the issues raised relevant to research ethics.

Date/Time: Tuesday, Nov. 12, 2013 3:00-5:00pm
Location: Social Sciences Building, Room 139
To Pre-register: http://tinyurl.com/mpc6zlx **(2 RCR credits)**
(Open to all Ph.D. students & postdocs)

GS711-09 Creating Coherent & Sustainable Digital Scholarship
Speakers: **Liz Milewicz, Ph.D.;** Head, Digital Scholarship Services, Duke Libraries
Paolo Mangiafico, Coordinator of Scholarly Communications Technology
Date/Time: Tuesday, Nov. 19, 2013 3:00-5:00pm
Location: Social Sciences Building, Room 139
Description:

As humanists and social scientists take advantage of digital tools to further research and scholarship, what are the implications for how others use and understand this research in the future? In this forum we will talk through a set of important (and often overlooked) elements that should be considered in planning and developing digital scholarship projects - many of them just part of what¹s taken for granted in print and other traditional forms. Participants will learn about and consider ways to maintain the integrity and coherence of digital research or scholarly work, as we analyze different works to see how they've addressed these elements. We will also discuss ways to ensure the coherence and sustainability of digital works as they are created and developed over time, as well as ways to protect original works and maintain these works for future researchers. Participants will come away with a broad sense of the challenges of creating digital scholarship within a primarily 'traditional' academic system, and specific strategies and insights that can help them navigate these challenges while pursuing rigorous, innovative scholarship.

To Pre-register: http://tinyurl.com/n64rkbd (2 RCR credits)
(Open to Ph.D. students in the Humanities & Social Sciences)

(Added Sept. 18, 2012)
GS711-10 Research Data Management at Duke
Speakers: Elena Feinstein, M.L.S., Librarian for Chemistry and Biological Sciences
Ciara Healy, M.L.S., Librarian for Psychology and Neuroscience and Library Liaison for Bass Connections in Brain & Society
Emily Mazure, M.S.I., Biomedical Research Liaison Librarian, Medical Center Library and Archives
Liz Milewicz, Ph.D., M.L.I.S., Head, Digital Scholarship Services Department, Duke University Libraries, and Library Liaison for Bass Connections in Information, Society, & Culture
Date/Time: **Wed., Oct. 2, 2013 2:00-4:00pm**
Location: **Perkins Library, Room 217**
Description: (continued)

[Part of Duke University Libraries' Managing Your Research workshop series]

In response to expectations for open access to publicly funded research, agencies from the NSF to the NEH require data management plans as part of funding proposals. Increasingly, researchers are expected to provide access to data as part of verifying and replicating research results. This workshop provides a high-level overview of the research data lifecycle, focusing on particular moments and issues to consider in order to effectively and responsibly manage data used in a range of disciplinary projects. Participants will learn about resources available at Duke to support data management and where to go for additional, customized help in planning data management for research. Topics covered will include:

- Funder requirements and writing data management plans for grant proposals
- Records management for collaboratively produced data
- Best practices for data description
- Data storage options and appropriate back-up procedures
- Sharing, publishing, and getting credit for your data
- The when, why, and how of data archiving for long-term preservation

To Pre-register: **http://tinyurl.com/my8knyd**

(Open to all Ph.D. students & postdocs)

NOTE:
Spring 2014 RCR Forum Series will be announced before the beginning of Spring Term.

REMINDER:
Basic Medical Science PhD students who began in Summer/Fall 2011 and attended the "Beaufort Retreat" in August 2011 should plan to attend the new, mandatory RCR follow-up training after they complete Year 3 of their Ph.D. program. The new RCR event will take place in June 2014 and count as 4 RCR credits. Details to follow.