



GS711: RCR Forum series

Spring 2013

(Revised 3/18/2013)

*All RCR Forum events are designed for the professional development of Ph.D. students & postdocs at Duke. Official transcript credit is awarded toward the overall PhD RCR degree requirement and to document training for funding agencies. Beyond the RCR Orientation, each Ph.D. student must complete at least 6 hours (usually 3 two-hour Forum events) of additional training. **Follow the links below to Pre-register for all RCR training. Do NOT register in ACES.***

GS711-01 “Preventive Ethics in Scientific Research: Insights from Environmental & Engineering Disasters”

Speaker: Dr. Dan Vallero, Adjunct Professor of Engineering Ethics, Pratt School of Engineering



Description: Environmental and engineering disasters are complex systems that often have an enormous impact on society, and major threats still exist. Sound science and research can often provide the scientific explanations on why disaster occurred. However, sound science and preventive ethics such as ‘failure analysis’ can explain how to minimize the risk of potential disasters in the future, and underlying scientific principles should be considered as part of responsible conduct in research. We will discuss recent disasters to inform sound research.

Date/Time: Tuesday, January 29, 2013 3:00-5:00pm

Location: Social Sciences Building, Rm. 139

To Pre-register: <http://tinyurl.com/bg85b4s> (2 Credits)

(Open to all Ph.D. students & postdocs; focused on STEM fields)

GS711-02 “Recognizing Internal and External Factors Which Affect Research Outcomes with Animal Subjects”

Speaker: Ron Banks, DVM –Director, Office of Animal Welfare Assurance (Animal Care & Use Program).

Description: This discussion will review the variables inherent with animal based research. The discussion will include those factors which cannot be controlled (but must be recognized) and those factors which can be controlled (and must be managed), if researchers are to achieve reliable and reproducible research outcomes when using animals.

Date/Time: Friday, Feb. 22, 2013 2:00-4:00pm

Location: Perkins Library, Room 217

To Pre-register: <http://tinyurl.com/b2h3yyg> (2 Credits)

(Open to all Ph.D. students & postdocs who conduct research with animal subjects)

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GS711-03 “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



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.

Date/Time: Tuesday, February 26, 2013 3:00pm-5:00pm

Location: Social Science Building, Rm. 139

To Pre-register: <http://tinyurl.com/ajwhqnk> (2 Credits)

(Open to all Ph.D. students & postdocs in Pratt or STEM fields)

GS711-04 “Research in the Digital Age: Text-mining as a Research Tool in the Humanities and Social Sciences”

Speaker: Dr. Ryan Shaw, Asst. Professor, [UNC School of Information and Library Science](#)



Description:

Several trusted digital libraries, including Hathi Trust, a large-scale collaborative repository of digital content, have opened their corpus of works to text-mining research. Popular media have taken notice as seen in the [New York Times](#) announcement that “The next big idea in language, history and the arts?” is “Data.” The lecture will provide an overview and a critique of text-mining projects. The discussion will focus on project design, methodology, scope, integrity of data and analysis as well as preservation. The overview will include a short demonstration on working with a selected text sample. The lecture will help scholars understand the research potential of text-mining as well as a summary of issues and concerns about technology and methods.

Date/Time: Tuesday, March 5, 2013 3:30-5:30pm

Location: Perkins Library, Room 217

To Pre-register: <http://tinyurl.com/a44rtfq> (2 Credits)

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

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GS711-05 “Ethical Issues in Open Access”

Speaker: Kevin L. Smith, J.D., [Director of Scholarly Communications](#), Perkins Library

Description: As creators of new scholarly works, Ph.D. students are in a unique position to influence the market for such works in ways that will benefit both scholars themselves and the academy as a whole. This workshop will discuss scholars as copyright holders, the managements of rights for greatest advantage, and the benefits and pitfalls of various "flavors" of open access.

Date/Time: **Thursday, March 7, 2013 3:00-5:00pm**

Location: Perkins Library, Room 217

To Pre-register: <http://tinyurl.com/alb75bz> (2 Credits)

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



GS711-06 “Ethically Impossible: STD Research in Guatemala and Implications for Research”

Speaker: Kayte Spector-Bagdady, J.D.
Associate Director, The Presidential Commission for the Study of Bioethical Issues

Description:

The Commission is an independent, deliberative panel of experts that advises the President and the Administration and, in so doing, also educates the nation on bioethical issues. The Commission’s findings and ethical assessment of these events, documented in its report “Ethically Impossible” STD Research in Guatemala 1946 to 1948 (see <http://bioethics.gov/cms/node/654> released September 2011), illustrate how the quest for scientific knowledge without regard to relevant ethical standards can blind researchers to the humanity of the people they enlist into research. Participants will utilize a set of case studies designed to promote guided ethics discussion based on real world examples, and will be able to assess internal agency debates about its scientific validity and its political sensitivity for themselves. You will also experience the difficult questions that arise when it is necessary to make moral assessments about unethical events in the distant past.

Date/Time: **March 19, 2013 3:00-5:00pm**

Location: Social Sciences Building, Room 139

To Pre-register: <http://tinyurl.com/beljbdz>

(2 Credits)

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



Presidential Commission for
the Study of Bioethical Issues

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GS711-07 Inventions, Patents & Tech Transfer: What graduate students need to know

Speaker: Rob Hallford, Jr., MBA,, Associate Director, [Office of Licensing & Ventures](#)

Description: Duke's Office of Licensing and Ventures serves as a guide to faculty, small and large businesses, and venture investors in order to develop strong relationships and agreements that translate academic discoveries into commercial products that benefit society, impact public health, and improve the quality of life. Graduate students will benefit by learning about these processes and the complex ethical and legal dimensions of such initiatives.



Date/Time: **March 26, 2013 3:00-5:00pm**

Location: Social Sciences Building, Room 139

To Pre-register: **Closed- Session is full** (2 Credits)

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

GS711-08 Navigating the Mentoring Relationship

Speaker: Dr. Rhonda Sutton, PhD, LPC has over 25 years of experience as a Licensed Professional Counselor. Her work centers on helping people to improve their lives and learn how to advocate for themselves. Dr Sutton is the Owner of InnerSights Counseling and Consultation and was the founding Director of the Office of Postdoctoral Affairs at North Carolina State University. She also serves as President of STEP Notes, Inc.



Description: Mentoring is a critical component of the graduate student and the postdoctoral scholar experience. However, it is not always the easiest or simplest relationship to navigate. Understanding the culture of the department as well as the communication style of the mentor is vital to thriving within institutions of higher education. This interactive workshop will provide a focus on the communication styles and cultures associated with mentoring relationships. An overview of the role mentoring has within the Responsible Conduct of Research arena will be a focus of this presentation as well. Participants will gain tools for how to build a successful mentoring relationship with their faculty advisor or PI. Communication strategies and behavioral approaches will also be shared. This workshop is appropriate for graduate students and postdocs in the sciences, social sciences, humanities and engineering.

Date/Time: Tuesday, March 26, 9:00-11:00 am

Location: **Jones Building, Room 143**

To Pre-register: <http://tinyurl.com/bhvbmwf>

REMINDER: Basic Medical Science Ph.D. students (ie, Beaufort Retreat)

A new, mandatory Summer RCR Forum Workshop (4 credits) will be offered beginning in **June 2014** for those completing Year 3 of their Ph.D. program. Watch for additional information from the Graduate School or the School of Medicine. (ie, Fall 2011 matriculants)

See the Memo from Dr. Dona Chikaraishi [HERE](#):

http://gradschool.duke.edu/academics/degree_reqs/rcr/2012%20Year%203%20RCR%20Policy%20memo.pdf

TOTAL RCR CREDITS REQUIRED – formal requirement of the Ph.D.:

Ph.D. students can obtain the total RCR credits completed by reviewing their official transcript in ACES.

All Basic Medical Sciences require 18 credits;

All other Ph.D. students require 12 credits.

See http://gradschool.duke.edu/academics/degree_reqs/rcr/requirements.php

All RCR credits appear as GS310/710, GS311/711, or GS312/712