



Duke University The Graduate School GS311- RCR Forum series Fall 2010

(Revised 9/14/10)

All RCR Forum events are designed for the professional development of Ph.D. students at Duke; official transcript credit is awarded toward the overall RCR degree requirement. Postdoctoral Fellows at Duke will be informed if space becomes available.

GS311-01 "Collegial Sharing and Conflict Resolution in the Practice of Science: Plagiarism and the 1981 Nobel Prize in Chemistry"

Speaker: Dr. Jeffrey I. Seeman, Dept. of Chemistry, University of Richmond
Dr. Seeman has 125 peer-reviewed publications and patents in the areas of organic chemistry, history and sociology of chemistry, and responsible conduct of research. He conceived of and was Editor of the series of 20 autobiographies of eminent chemists including five Nobel laureates, *Profiles, Pathways and Dreams* published by the ACS. Seeman currently serves on the Board of Directors of the Chemical Heritage Foundation and is chair of the Chemical Heritage Foundation's Heritage Council. He was chair of the Division of the History of Chemistry of the American Chemical Society from 2005-2006 and was Centennial Perspectives Editor for *The Journal of Organic Chemistry*. He also produces technical, documentary and historical videos for educational purposes.

Description: "On May 4, 1964, I suggested to my colleague R. B. Woodward a simple explanation . . . that provided the basis for the further development of these ideas into what became known as the Woodward-Hoffmann rules." E. J. Corey stunned the chemistry community with these words in his 2004 Priestley medal address, the highest award in chemistry in the U.S. On May 5, 1964 (note that date carefully), Woodward invited Roald Hoffmann to join in a collaborative research project which ultimately led to the 1981 Nobel Prize in Chemistry to Hoffmann. Woodward, who won the Nobel Prize in 1965, passed away in 1979; he surely would have won his second Nobel Prize had he lived two years longer. But Corey – who won his Nobel Prize in 1990 – never received a single acknowledgment from either Woodward or Hoffmann for his self-described contributions. Nor did Corey confront Woodward in the subsequent 15 years before Woodward's death.

Was plagiarism involved in the development of the Woodward-Hoffmann rules? Letters between Corey and Hoffmann in 1981 and 1984, documents found in the Woodward archives at Harvard, pages from Hoffmann's 1964 laboratory notebook, and information gleaned from numerous interviews and other sources will be discussed. This presentation will focus on responsible conduct of science and the practice of science in today's complex and intense environment. The results of a survey on authorship and credit issues completed by chemistry professors in Ph.D. granting institutions in the U.S will be presented. Are there rules and guidelines that govern the conduct of scientists? What are these rules and guidelines? Who has developed them? What are the consequences when these rules and guidelines are not followed?

*** Co-sponsored by the Graduate School, Department of Chemistry and Kenan Institute for Ethics at Duke.

Date/Time: Sept. 8, 2010 3:30pm-5:30pm

Location: French Family Science Center Auditorium, Room 2231

To Pre-register: <http://tinyurl.com/3abnrxc> (2 credits)

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

(continued)

GS311-02 "Geographic mapping of data: what can you use and what can you make public? "

Speakers: Kevin Smith, Director of Scholarly Communications, Perkins Library
Andy Hull, IT Analyst, Digital Experience Services, Perkins Library
Andrea Novicki, Academic Technology Consultant, Center for Instructional Technology

Description: Graduate students and scholars who use online data sources for geographic mapping often experience ethical and/or legal questions around licensing, data privacy and copyright law, as well as what uses for these tools are permitted in their research and publishing. This Forum will showcase examples of successful research projects that used geographic mapping – focusing mainly on Google Earth and other tools—and participants will discuss issues related to copyright, privacy and license agreements.

Date/Time: Sept. 14, 2010 3:00pm-5:00pm

Location: Love Auditorium, Room 101, Levine Science Research Center

To Pre-register: <http://tinyurl.com/2avta5v> Copy & paste in your browser (2 credits)
(Open to all Ph.D. students)

GS311-03 ““Workplace ethics for researchers: what graduate students need to know about organizational culture and mentors as supervisors”

Speaker: [John Hawkins](#), President, Leadership Edge, Inc.; Business Ethics Advisor

Date/Time: **October 5, 2010 3:00-5:00pm**

Location: Love Auditorium, Room 101, Levine Science Research Center

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

To Pre-register: <http://tinyurl.com/274odaq> Copy & paste in your browser (2 credits)
(Open to all Ph.D. students)

GS311-04 “Setting Expectations and Resolving Conflict in Mentoring Relationships”

Speaker: Tomalei Vess, Ph.D., Associate Director for Education & Training
[Institute for Genome Sciences and Policy](#)

Date/Time: Oct. 12, 2010 2:00-4:00pm (during Fall Break)

Location: Biological Science Building, Room 144

Description: Relations between faculty, students, postdoctoral fellows, and other mentees are often regarded by the mentees as the most important aspect of the quality of their research training experiences. Interpersonal conflicts between mentor and mentees are often the result of the lack of mutually understood expectations. This workshop focuses on principles of and steps used in applying the interest-based approach to resolving conflicts and setting explicit expectations.

To Pre-register: <http://tinyurl.com/273822m> Copy & paste in your browser (2 credits)
(Open to Ph.D. students in Basic Med Sciences, Nat. Sciences, Engineering)

**** Limited to 40 persons.**

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GS311-05 "Global Bioethics: Convergence of Environmental and Biomedical Ethics"

Speaker: Dr. Daniel Vallero, Adjunct Professor, Civil Engineering, Pratt School of Engineering

Date/Time: **Oct. 26, 2010 3:00-5:00pm**

Description:

Like most other aspects of science, ethics has become increasingly specialized. Notably, ethics differ between two principal life sciences-- medicine and the environment. However, these two disciplines share many of the same values to include sustaining and improving living conditions, reducing risk, evidence-based design, and stewardship. This forum will focus on retracing the original definition of bioethics, which included both biomedical and environmental ethics, and will consider the advantages and disadvantages of integrating them again in moral decision making.

Location: Love Auditorium, Room 101, Levine Science Research Center

To Pre-register: <http://tinyurl.com/36c49qz> Copy & paste in your browser (2 credits)
(Open to all Ph.D. students)

GS 311-06 "Promoting Academic Freedom and Civil Discourse in the Classroom"

Speakers: [Dr. David Bell](#), Professor and Senior Associate Dean, Moderator
Faculty Panel To Be Announced

Date/Time: Nov. 5, 2010 2:00-4:00pm

Location: Bryan Student Center, Von Canon A (lower level)

Description:

In our efforts to promote academic freedom with open inquiry and discussion in and beyond the classroom, certain subjects and occasions can lead to incivility. Participants in this workshop will learn strategies to promote civil discourse with students.

To Pre-register: <http://tinyurl.com/243sa4r> Copy & paste in your browser (2 credits)
(Open to Ph.D. students in the Humanities & Social Sciences)

GS311-07 "Copyright and Fair Use in Research and Teaching"

Speaker: Kevin Smith, JD, [Scholarly Communications Officer](#)

Date/Time: November 9 3:00-5:00pm

Location: Love Auditorium, Levine Science Research Center

Description:

Copyright law in the U.S. applies to graduate student research and publications. But how does copyright law relate to plagiarism? When do you need to seek permission to use materials for a course you may teach or for publication? How does Open Access affect the discussion? What is the Creative Commons? Come learn about these topics and many more.

To Pre-register: <http://tinyurl.com/29j9xof> Copy & paste in your browser (2 credits)
(Open to Humanities & Social Science Ph.D. students)

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GS311-08 "Gender Equity and Avoiding Harassment in Higher Education"

Speaker: Cynthia W. Clinton, J.D., [Office for Institutional Equity](#), Duke University

Cynthia Clinton serves as Director of Harassment Prevention where she is responsible for administering Duke's harassment and non-discrimination policies. Cynthia's work includes investigating and managing complaints of harassment and discrimination, as well as providing training to Duke faculty, staff and students about the policies. Another component of Cynthia's work involves efforts to address gender equity and inclusion within the Duke community. She also consults and provides support to departments responding to issues of harassment or discrimination.

Date: November 16, 2010 3:00-5:00pm

Location: Love Auditorium, Levine Science Research Center

Description:

This workshop will focus on minimizing the perception of harassment and issues of gender equity and inclusion. There will be a short presentation of content material followed by group work on a series of challenging vignettes related to the topic.

To Pre-register: <http://tinyurl.com/36bufsh> Copy & paste in your browser (2 Credits)
(Open to all Ph.D. students)