

Minutes of the LANGURE Steering Committee meeting
 May 4, 2006
 Butler Communications Building, videoconference room, NC State

Attending at NC State:

NC State:	Brenda Alston-Mills	Animal Science
	Christine Grant	Chemical Engineering
	Gary Comstock	Philosophy
	Henry Schaffer	Bioinformatics, Sr. Fellow (IP)
	Tom Wentworth	Botany, Sr. Fellow
	Lonnie Balaban	Research Ethics Program Coordinator
	Kristen Rosenfeld	Botany, Ph.D. candidate, Jr. Fellow
	Brooke Edmunds	Plant Pathology, Ph.D. candidate, Jr. Fellow
	Ed Gehringer	Computer Science, Sr. Fellow
	Laura Ashford	PURPOSE Institute
NC A&T	Chi Archibong	Business and Economics
NC Central	Mildred Pointer	Biology
SAS	Kathy Council	VP, Publications

Videoconferencing in:

Fayetteville State U.	David Preston	Computer Science
U. Hawaii	Dian Dooley	Human Nutrition
Purdue U.	Alan Beck	Veterinary Medicine
	A.G. Rud	Educational Studies
	Bernie Tao	Ag and Bio Engineering
U. Wisconsin	Robert Streiffer	Philosophy
	Hallie Liberto	Philosophy, Ph.D. candidate

Calling in with regrets:

Iowa State	Clark Wolf	Philosophy
U. Hawaii	Tom Jackson	Philosophy

1. We introduced ourselves and briefly reviewed LANGURE's objectives:

- To institutionalize the teaching of research ethics
- Senior faculty and graduate students conjointly develop one-credit course, "Introduction to Research Ethics," Year 1
- Teach course on all campuses, Years 2 and 3
- Create momentum for required grad course in research ethics at participating schools
- Develop novel suite of 15 interactive, online research-ethics modules
- Reach as many as 500 doctoral students
- Create interinstitutional template to integrate RE education into LGU doctoral programs

2. Progress

- a. We have now successfully completed all mini-courses at the 8 institutions, with good attendance and excellent discussion. Summaries of many of the meetings are at: www.chass.ncsu.edu/langure/Mini-course.htm
- b. Professor Mohammad Douglah, U. of Wisconsin, has replaced Carol Kasworm as evaluator. He will be assisted by Dawn Gundermann. They will shortly post an evaluation instrument for the mini-courses and invite all mini-course participants to complete it.
- c. We have recruited 11 Jr. Fellows at NC State (and 1 potential fellow) at U. Wisconsin. They are listed on the website here: www.chass.ncsu.edu/langure/members.pdf
To learn more about many of these wonderful students helping to draft modules: www.chass.ncsu.edu/ethics/newsletter/spring_06/Langure_Jr_Fellows.pdf
- d. We may have funds to support one or two more students as Jr. Fellows. Anyone interested in nominating a student please contact Gary soon.
- e. Gary drafted a preliminary version of the core course and we all discussed it briefly during the mini-course. Gary taught the present version at NC State in Fall 05 and Sp 06. The draft is online here: www.chass.ncsu.edu/langure/Corecourse.htm
Please make comments, no matter how minor or major.
- f. Progress at our institutions

NC State

Gary taught PHI 816 in Fall 05 with 16 enrolled, and again in Sp 06. Enrollment doubled in the spring (36). The majority of students are in Physics, which requires the course, with the bulk of the others in various Engineering departments. In 05-06, the NC State University Graduate Students' Association (UGSA) passed a resolution recommending that research ethics training be required for all NC State doctoral students. On 2/28/05, the NC State Administrative Board of the Graduate School (ABGS) issued a response to the UGSA strongly encouraging, but not requiring, research ethics training. It also added an item to program external review asking each department to describe the research and professional ethics training it provides. The ABGS resolution is appended to this report.

NC A&T

Chi has developed one hour course based on the LANGURE core course. Her graduate school dean plans to require the course of every RA and TA and hopes that

it will become required across campus. Chi plans to cover the first two topics (land grant university values and intro to ethics) during the RA/TA orientations. She will cover the rest of the topics during her course. The campus may also offer discipline-specific discussions in the departments' seminars.

Wisconsin

Rob has established a one hour course and will teach it in Fall 2006. The course is done as three courses all meeting at the same place and time. It will consist of Medical History and Bioethics 999, Horticulture 875 (with Sara Patterson), and Agronomy 875 (with Jim Coors). Rob introduced his student, Hallie Liberto. If NC State's Grants Office will approve the financial transaction involved, Hallie may accept our invitation to become a Jr. Fellow. Congratulations, Rob, on receiving tenure!

Hawaii

Dian and Tom are planning to establish a 699 one-credit course in the Philosophy and the Human Nutrition, Food and Animal Sciences (HNFAS) departments and will teach it in Spring 2007. They're also exploring the possibility of a summer course or a course through outreach college that will run on a slightly different weekly schedule from the regular semester. Dian is also reviewing some of the LANGURE course on-line, to examine whether parts may be applicable for inclusion in ANSC/FSHN 350E in Fall 06.

Purdue

Alan will teach a Biomedical Ethics course next year. Bernie Tao will be teaching an undergrad research ethics course.

Fayetteville State

Preston used our core materials to train participants in the FSU Research Initiative for Scientific Enhancement (RISE) Program on research ethics. RISE works to prepare undergraduate students in the sciences for graduate programs and the funding agency, NIH, requires that all program participants receive training in research ethics. FSU is adapting the LANGURE materials for their campus' needs. With one EdD program and no PhDs, they may use materials in undergraduate and masters' level courses.

NC Central

Mildred is revamping her bioethics course to use LANGURE modules. The graduate school orientation may also include some of our modules in graduate

student orientation. The campus is also working to develop a one-credit course in research ethics using our materials.

g. Modules

We know that the following modules are being drafted:

[Women and under-represented minorities in graduate education](#)

[Statistics](#)

Authorship

[Physics](#)

[Computer science and engineering](#)

[Microbiology](#)

[Nuclear engineering](#)

[Field research in plant biology](#)

[Agricultural biotechnology and sustainability](#)

[Use of animals for food, fiber, and research](#)

[Authority and power in social sciences research](#)

[Intellectual property](#)

[Ethical business communication](#)

- h. We currently have a link on our site to modules previously developed by Clark's Iowa State University Bioethics Program:

www.chass.ncsu.edu/langure/modules.htm

and Family Health International ([Community representatives in clinical trials](#)).

[This raises a question we did not have time to discuss. Should these links appear on the same page as our LANGURE modules, or a separate page?]

3. Future plans

- a. We intend to involve as many additional faculty and graduate students in our efforts as possible. Please continue to inform your colleagues about our efforts.
- b. Drafts of all modules should be completed by October 1, 2007.
- c. We discussed the national conference at NC State, currently scheduled for sometime in April 2007. Should we plan on a Th and Fri, or Fri and Sat? We decided, tentatively, on Fri-Sat.
- d. Date for 2007 conference? Gary mentioned April 13-15, but we would like as much stakeholder input as possible before making a final decision. Ed Gehringer said he would set up a website to poll everyone on their preferences. Thanks Ed.

Submitted by Gary Comstock

5/22/2006

revised 5/23

Appendix

From: *Minutes of the Meeting of the Administrative Board of the Graduate School, Feb. 2, 2006*. Accessed 5/11/2006 at <http://www.fis.ncsu.edu/grad/news/minutes/020206.htm>

6. UGSA Resolution on Research Ethics - Discussion.

Dr. Carter presented a revised draft of the response by the Administrative Board to Bill #6, "Resolution of Support for Institution of a Requirement for Research Ethics Training for all University Doctoral Students." Heather Shay, president of UGSA, reported that the UGSA discussed the draft response at their last meeting, the response was accepted, but the UGSA made two points for consideration: 1) recognize that NC State is one of the leaders in Research Ethics in the country, and 2) note that more and more national granting agencies are expecting a component of research ethics in grant proposals. The UGSA also requested that, if the draft response is approved by the Board, the Graduate School broadly publicize and encourage research ethics education on campus.

On a motion by Dr. Rajala, seconded by Dr. Zingraff, the Board approved by a unanimous vote the draft proposed response (below) to the UGSA Resolution. Dean Sowell said that after the minutes of this meeting are approved, the Graduate School will inform Directors of Graduate Programs, Department Heads, Deans and Associate Deans of this action.

“The Board supports the call for education in research ethics for all NC State doctoral students and recognizes the necessity for responsible conduct of research by graduate students and faculty throughout the university. Therefore the Board strongly encourages graduate programs to provide training in research ethics for all of their doctoral students within their own curricula, through courses offered in related curricula, or by other appropriate experiences. In addition, the Board recognizes the responsibility of graduate faculty to actively promote responsible conduct of research among graduate students and other faculty. Because it is also the responsibility of graduate faculty to define requirements for their own programs, the Board does not endorse a university-wide requirement.”