

Summer Graduate Workshop – Readings, Agenda, Assignments

**Ethics, Culture and Community-based Research in
Environmental Science, Engineering and Related Fields**

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SUNY College of Environmental Science and Forestry
Syracuse, NY, Aug. 14-16, 2013

Wednesday, August 14

(10:30am – 4:30pm, Baker Laboratory, Rm. 141)

Readings

Read prior to session:

1. Appelbaum, Paul S., Charles W. Lidz, and Robert Klitzman. 2009. "Voluntariness of Consent to Research: A Conceptual Model," *Hastings Center Report* 39(1): 30-39.
2. Harding, Anna, Barbara Harper, Dave Stone, et al. 2012. "Conducting Research with Tribal Communities: Sovereignty, Ethics, and Data-Sharing Issues" [Commentary], *Environmental Health Perspectives* 120(1): 6-10.
3. Smith, Linda S. 1998. "Concept Analysis: Cultural Competence," *Journal of Cultural Diversity* 5(1): 4-10.

Skim:

4. National Commission for the Protection of Human Subjects. 1979. "The Belmont Report: Ethical Principles and Guidelines for the Protection of Human Subjects of Research," April 18.
5. Shrag, Brian. 2006. Research with Groups, Group Consent and Collaborative Research," *Science and Engineering Ethics* 12 (3):511-521

Choose one or two case studies to read prior to class for discussion:

6. Marsh, Helene, and Richard Kenchington. 2004. "The role of ethics in experimental marine biology and ecology," *Journal of Experimental Marine Biology and Ecology* 300:5-14.
 7. Prokopy, Linda S. 2008. "Ethical Concerns in Researching Collaborative Natural Resource Management," *Society and Natural Resources* 21:258-265.
 8. Engels, Johannes M. M., Hannes Dempewolf, and Victoria Henson-Apollonio. 2011. "Ethical Considerations in Agro-biodiversity Research, Collecting, and Use," *Journal of Agricultural and Environmental Ethics* 24:107–126.
 9. Morrow, David. R., Robert E Kopp and Michael Oppenheimer. 2009. "Toward ethical norms and institutions for climate engineering research," *Environmental Research Letters* 4 045106 (8pp)
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Wednesday, August 14 (cont'd)

Agenda

10:30 am – 11:00 am

Welcome, housing info, etc.

11:00 am – 1:00 pm

Review of Human Subjects Protections, IRB Requirements and Informed Consent Theory
(Slides and discussion) with Case Studies

1:00 pm – 1:45 pm

Lunch (catered)

1:45 pm – 3:00 pm

Small Group and Class Discussion on Readings of Research Protections/ Informed Consent
(Selected cases with exercise questions)

3:00 pm – 3:15 pm

Break

3:15 pm – 4:30 pm

Cultural Competence Theory (Discussion and Slide presentation)

Exercise

Writing Assignment #1 – Write a two-page (double-spaced) critical review of human subjects research protections and cultural competence approaches that you can identify in a case study from the Selected Case Studies Folder on Blackboard (other studies of interest are allowed)

Thursday, August 15

(8:30am – 3:00pm, Baker Laboratory, Rm. 141)

Readings

Prior to the morning session, read one of these cases:

1. Bengston, David N., Michele Schermann, Maikia Moua, and Tou Thai Lee. 2008. "Listening to Neglected Voices: Hmong and Public Lands in Minnesota and Wisconsin," *Society & Natural Resources* 21:876-899.
2. Bengston, David N., Michele A. Schermann, Fong Hawj & MaiKia Moua. 2012. "Culturally Appropriate Environmental Education: An Example of a Partnership with the Hmong American Community," *Applied Environmental Education & Communication* 11(1): 1-8
3. Guthman, J. 2008. "Bringing good food to others: investigating the subjects of alternative food practice," *Cultural Geographies* 15, 425–41.
4. Thering, Susan. 2011. "A Methodology for a Scholarship of Transdisciplinary Action Research in the Design Professions: Lessons from an Indian Country Initiative," *Landscape Journal* 30(1):1-11. [On Blackboard]

Prior to the afternoon session, read one of these and skim the other two:

5. Gruber, J. 2010. "Key Principles of Community-Based Natural Resource Management: A Synthesis and Interpretation of Identified Effective Approaches for Managing the Commons," *Environmental Management* 45:52–66
6. Israel, Barbara A., et al. 1998. "Review of Community-Based Research: Assessing Partnership Approaches to Improve Public Health," *Annual Review of Public Health* 19: 173-202.
7. Thiollent, Michel. 2011. "Action Research and Participatory Research," *International Journal of Action Research*,7(2):160-174

(See Blackboard site for selected CBPR cases in Urban Studies, Natural Resource Management, Conservation Biology, Engineering, Environmental Research, Environmental Health, Native American/ Indigenous Studies, and Gender and Environmental Research)

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Agenda

8:30 am – Light breakfast (optional)

9:00 am – 10:00 am

Student Reviews of Cultural Competence/ Appropriateness in Environmental Research

10:00 am – 10:15 am

Break

10:15 am – 11:15 am

Community-based Theory (discussion of theory readings and slides)

11:15 am – 12:30 pm

Small Group/ Individual Review of CBPR cases (selected cases with exercise questions)

12:30 pm – 1:15 pm

Lunch

1:15 pm – 3:00 pm

Guest Speaker: Shawn Weimann, Onondaga Community College, "Structural problems and cultural difficulties faced by outsiders when conducting historical research among Native communities"

+ Continued Review of CBPR cases with Small Group Report Back

Preparation for Evening Review of Ethical Analysis of CBPR Cases

Exercise

Writing Assignment #2 – Students will be directed to the “Ethical Theories” Folder for PowerPoints on the Blackboard site (hard copies are also available) . Please choose one of these ethical theories: deontology/distributive justice, ethics of care, communitarianism, virtue ethics and postmodern ethics. Students will choose a community-based or field study from the Workshop Reader, Blackboard site or their own database research, to analyze whether group protections are promoted by CBPR. Also, did the ethical theory you selected offer any insights into the ethical approaches of this study? Students will summarize results from their analysis in a two-page paper.

Friday, August 16

(8:30am – 1:00pm, Baker Laboratory, Rm. 141)

Readings

Prior to morning session, read #1 or #2, plus one another article:

1. Flint, Courtney G., A.E. Luloff, and James C. Finley. 2008. "Where Is 'Community' in Community-Based Forestry?" *Society & Natural Resources* 21: 526-537.
2. St. Martin, Kevin, and Madeleine Hall-Arber. 2008. "Creating a Place for 'Community' in New England Fisheries," *Human Ecology Review* 15(2):161-17.
3. Minkler, Meredith. 2004. "Ethical Challenges for the 'Outside' Researcher in Community-Based Participatory Research," *Health Education & Behavior* 31(6): 684-697.
4. Brooks, Jeremy, Kerry A. Waylen, and Monique Borgerhoff Mulder. 2012, Dec. 26. "How national context, project design, and local community characteristics influence success in community-based conservation projects," *Proceedings of the National Academies of Science (PNAS)* 109(5).
5. Kimmerer, Robin W. 2000. "Native Knowledge for Native Ecosystems," *Journal of Forestry* 98(8): 4-9.
6. Gibbs, Meredith. 2001. "Toward a Strategy for Undertaking Cross-Cultural Collaborative Research," *Society & Natural Resources* 14: 673-687.

Agenda

8:30 am – Light breakfast (optional)

9:00 am – 10:00 am

Review of Ethical Theories of Justice and Student Discussion

10:00 am – 10:15 am

Break

10:15 am – 12:15 pm

What Is Community? Community Advisory Committees, Building Community Capacities
(Slides and Discussions)

12:15 am – 12:30 pm

Evaluation

12:30 pm – 1:00 pm

Lunch (catered)