

**SSNet Colloquium / HUM 596 Graduate Microseminar  
Spring 2009**

**NORMATIVE CLAIMS FOR A DEMOCRATIC SCIENCE**

Mondays, 12:00 – 1:30  
Simpson Center for the Humanities (CMU 202)

*Graduate Seminar Fellows:* Julie Homchick (Communication), Sara Breslow (Anthropology)  
*Faculty Seminar Fellows:* Malia Fullerton (Bioethics and Humanities), Mott Greene (Earth and Space Sciences), Phillip Thurtle (CHID & History), Alison Wylie (Philosophy & Anthropology)

In the Spring quarter, the SSNet seminar will address a set of normative questions about why the sciences should be “democratized”:

- How can the resources of diverse communities, within and outside the conventional boundaries of scientific disciplines, be effectively engaged in the practice of science?
- Can “best practices” be identified that embody ideals of reciprocity, accountability, research partnership in scientific practice?
- What is the “epistemic payoff” of collaborative practice; how is the science enriched, transformed?

For details on topics and readings see: <http://depts.washington.edu/ssnet/index.php>

**Seminar Schedule**

**April 6:** Digital Media Town Hall + Introduction to SSNet Spring Colloquium

**April 13:** HUM596 microseminar: **Alison Wylie** – Legacies and Lineages of Community-based Participatory Research

Samuel Hickey and Giles Mohan (2004) “Towards Participation as Transformation,” in *Participation: From Tyranny to Transformation? Exploring New Approaches to Participation in Development*, ed. Hickey and Mohan. New York: Zed Books, pp. 3-23.

Alison Wylie (2009 mss) “Legacies of Collaboration: Transformative Criticism in Archaeology”

Elizabeth McLean Petras and Douglas V. Porpora (1993) “Participatory Research: Three Models and an Analysis.” *The American Sociologist* 23.1: 107-26.

**April 20: Mott Greene** - Interest-group Liberalism, Stakeholder Politics and the Paradoxes of Democratization of Science

Theodore J. Lowi (1979) *The End of Liberalism* (1979): “Pluralism and Capitalist Ideology,” and “The New Public Philosophy: Interest Group Liberalism”

Sheila Jasanoff (2005) *Designs on Nature*: chapter 10: Civic Epistemology.

James Madison: Federalist #10 <http://www.constitution.org/fed/federa10.htm>

**May 4: Julie Homchick and Mott Greene** – Intelligent Design - Policy and Politics

The Wedge Document: <http://ncseweb.org/creationism/general/wedge-document>

Eugenie Scott and Glenn Branch (August 12, 2002) “‘Intelligent Design’ not accepted by most scientists,” *National Center for Science Education*

<http://ncseweb.org/creationism/general/intelligent-design-not-accepted-by-most-scientists>

Kitzmiller v. Dover timeline (October 17, 2008) *National Center for Science Education*.

<http://ncseweb.org/creationism/legal/kitzmiller-v-dover-timeline>: read the introductory paragraph and listen to the presiding judge of the Kitzmiller v. Dover case, John E. Jones III

<http://www.pbs.org/wgbh/nova/id/judge.html>: read the excerpt from the judge’s decision (click hyperlink ‘audio highlights’ and listen to the six short files)

John G. West. “Dover in Review” (January 6, 2006) *Discovery Institute*: Section I.

<http://www.discovery.org/a/3135>

**May 11:** HUM596 microseminar: **Phillip Thurtle** – Space as Analytic

Robert E. Mitchell (forthcoming) "Introduction" and "Bioart and the Folding of Social Space," in *Media Life: Bioart and the Vitality of Media*. Seattle: University of Washington Press.

Phillip Thurtle (2007) "The Poetics of Life: Luther Burbank, Horticultural Novelties, and the Spaces of Heredity." *Literature and Medicine* 26.1: 1-24.

**May 18: Sara Breslow** – Participatory, Transdisciplinary, and Indigenous Methodologies in Health and Environmental Research

Linda Tuhiwai Smith (1999) *Decolonizing Methodologies: Research and Indigenous Peoples*. London: Zed Books: pp 1-6.

Louise Fortmann (2008) "Introduction: Doing Science Together." In *Participatory Research in Conservation and Rural Livelihoods: Doing Science Together*, ed. Fortmann. London: Wiley-Blackwell: pp. 1-9.

Gerald V. Mohatt, Kelly L. Hazel, James Allen, Mary Stachelrodt, Chase Hensel, and Robert Fath (2004) "Unhear Alaska: Culturally Anchored Participatory Action Research on Sobriety With Alaska Natives." *American Journal of Community Psychology* 33.3-4: 263-273.

Benrita 'Mae' Burnette and Judy DeHose (2008) "The Land has Wisdom." In *Participatory Research in Conservation and Research Livelihoods*, ed. Fortmann. London: Wiley-Blackwell: pp. 84-97.

**June 1: Malia Fullerton** – Biotech Hobbyism: Tinkering, Treacherous or Transformative?

James Bloom (2009) "The Geneticist in the Garage", in the *Guardian UK*, March 19.

Eugene Thacker (2004) "Notes Towards a Sociology of Computer Hobbyism", in *Creative Biotechnology: A User's Manual* [http://www.locusplus.org.uk/biotech\\_hobbyistET.html](http://www.locusplus.org.uk/biotech_hobbyistET.html)

Sandra Porter (2009) "The World of DIY Bio", in *Genome Technology*, March issue  
*Optional Readings:*

Brendan I. Koerner (2009) "DIY DNA: One Father's Attempt to Hack his Daughter's Genetic Code", in *Wired Magazine*, January 19. Eugene Thacker and Natalie Jeremijenko, *Biotech Hobbyist*: [http://www.locusplus.org.uk/biotech\\_hobbyist.html](http://www.locusplus.org.uk/biotech_hobbyist.html)