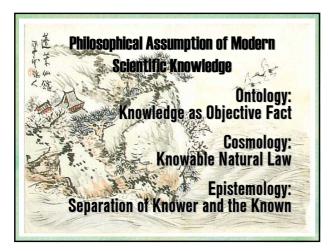
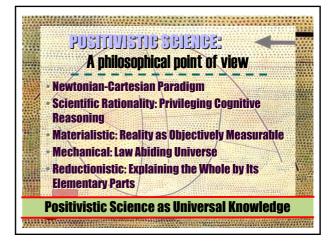


Academic Establishment and Epistemic Privilege of Scientific Positivism

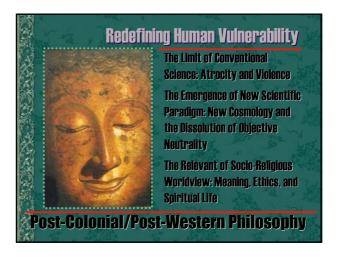
- Epistemologically specific definition of "research"
- Exclusive state financing of modern science (Feyerabend, 1979, Science in a Free Society)
- Domination of positivist knowledge activities (Doing, 2004, 'Lab Hand' and the 'Scarlet O:' Epistemic Politics and (Scientific) Labor; JSSS 34(3): 299-323)
- Preference of "know-how" type of research.
- The repetitive production of "Normal Science" (Kuhn, 1975, The Structure of Scientific Revolutions)

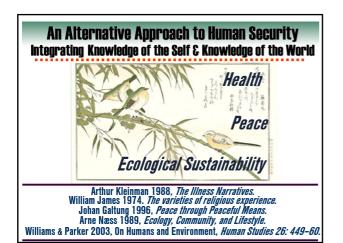
Epistemic Politics: Power struggle to knowledge claim by privileging an epistemology as the only legitimate mode of creating knowledge.

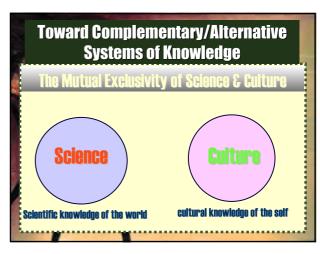


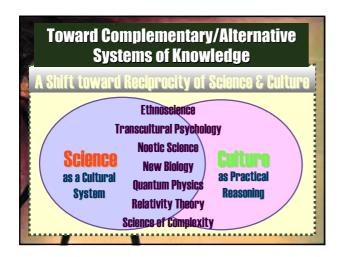


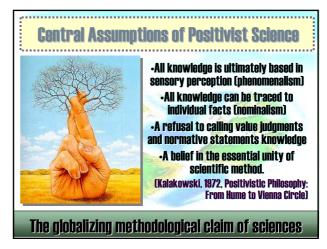




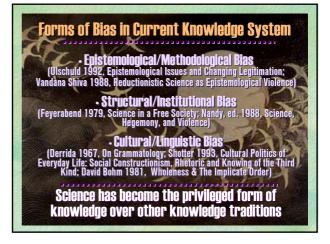












Toward Complementary/Alternative Systems of Knowledge

- New Institutional form & organizational culture (Senge, 1990, The Fifth Discipline)
- New Theory of Learning & Pedagogy
 (Singleton, ed. 1998, Learning in Likely Place: Variety of Apprenticeship in Japan)
 - Comparative, multidisciplinary, and intersectorial perspective
 - A sense of community that nurture a learning environment is important among group members (Wenger et al 2002, Cultivating Community of Practice)

Some Ideas on the Practical Aspect

Promote Philosophical Understanding of Science Encourage Mutual Understanding of Different Epistemology

Promote Application and Experimentation with Pluralistic Systems of Knowledge

Create Workable Models for Research/Action

Experiment with Alternative Institutional Forms and

Practices