Cultures of Inquiry

John Latham (c) 2006

Natural Science

- Post-Positivist
  - Reality
    - Stable
    - Observable
    - Measurable
    - Independent
  - Scientific Method
    - Deductive
    - Deconstructionist
    - Theory-based
    - Quantitative
    - Goal = Universal Laws
- Kuhn
  - Different by Design
  - Paradigms
- Wilson 1929 - Present
  - Nature v. Nurture
  - Epigenetics
- Feynman 1918 - 1988
  - Wesson Oil
  - Chess
  - Cargo Cult Science
- Bohr 1885 - 1962
  - QM
  - Probability
  - Uncertainty Principle
- Einstein 1879 - 1955
  - Predictability
  - GRT
- Newton 1643 - 1727
  - Laws
  - Calculus
- Galileo 1564 - 1642

Management

- Pragmatist
  - Problem Centered
  - Qual/Quant/Mixed
  - Real-world Practice
  - X Disciplinary
  - Freedom of Choice
- Van de Ven
- Pfeffer
- Mintzberg
- Senge
- Drucker 1909 - 2005
- Deming 1900 - 1993
- Taylor 1856 - 1915

Social "Science"

- Interpretivist
  - Qualitative
  - a.k.a. Constructivist
    - Inductive
    - Researcher embedded
  - Limitations
    - Cargo Cult Science
    - "Pseudo" Science
    - Dogma - "PC"
  - Post Modern
    - Context Dependent
    - Relativism
    - Multiple Realities
- Hofstede
- Campbell 1904 - 1987
- Meade 1901 - 1978
- Franz Boas 1858 - 1942
- R W Emerson 1803 - 1882
  - Free Should the Scholar Be...
  - Walk with our own feet...
- Comte 1798 - 1857

The Academy

- Socrates 470 - 399 BCE
- Plato 427 - 347 BCE
- Aristotle 382 - 322 BCE
- Western Philosophy
  - Scientific Method
  - Universal Knowledge