Chaos: a “cryptic form of order”; everything connected to everything

Node: You with knowledge distributed across your brain

Node: Idea

Node: Community

Node: Field

Weak ties: short connections between information

Learning may reside in non-human appliances

Siemens (2005)
Learning....

...and knowledge rests in a diversity of opinions.

... may reside in non-human appliances

... is a process of connecting specialized nodes or information sources.

Decision-making is a learning process. Choosing what to learn, the meaning of incoming information...

Core skills: ability to see connections, nurture and maintain connections for continual learning.

Goal: current, accurate, up-to-date knowledge.

Siemens (2005)
Distributed or Connective Knowledge

Openness
A mechanism allows all perspectives to enter into the system, be heard and interacted with by others.

Diversity
Widest possible spectrum of viewpoints

Interactivity
Knowledge produced is the product of the interaction, not just an aggregation.

Autonomy
Individual knowers contributing on their own accord according to their own knowledge, values, decisions.

Qualitative Knowledge

Quantitative Knowledge

Downes (2005)
“Rapid knowledge growth requires off-loading the internal act of cognition, sense and meaning making, and filtering to a network consisting of human and technology nodes.”

Siemens (2006)

“The popular tag feature of many sites (del.icio.us, digg.com, flickr), enable pattern recognition that captures the activities of thousands or millions of individuals. As knowledge complexifies, patterns, not individual elements, become of greatest importance in gaining understanding.”

Siemens (2006)
My Connectivist Learning Network

- **Videoconferencing**
  - Community: Jazz
    - ELEVATE|2008
  - Community: LLG
    - Community: NECC & MACUL Ning

- **Educational Technology**
  - Education (field)

- **Leadership**
References


Image Sources