Very Personal Experiences in the Development of Disciplines

The Learning Sciences, and Quantitative Ethnography

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Reference


I am so excited by

- the emergence of QE as a new discipline because...
- I had great experiences in the last thirty years through the development of the Learning Sciences
  - international graduate student
  - postdoc, associate
  - professor
- Now I have again the chance to experience the emergence of a new field, quantitative ethnography as a senior scholar
- I love to see how young generation develops the field by facing their challenges

Thirty years of the learning sciences from my perspective
Phase#1: Big Surprise (fear?)

- "We deal with learning in the natural context"
  - Much more complicated phenomena
  - Collective rather than individual
  - Supported by technologies
- "I did not come here for the research like that"
  - I did not know anything about computers in ed.
  - I had never touched Mac and Unix system
  - I had no idea about how to use LAN-based learning environment, CSILE


Phase#2: Paradigm (early 90s)

- We have a sharable framework now


Phase#3: High Profile

- What is the diff?
- Really unique
- Very focused
- The field is still developing
What I See in QE

◉ So excited to see the emergence of another new discipline
◉ I am approaching it as a senior researcher
◉ I truly love to see how young people enjoy the challenges related to the phases I had experienced in the LS
◉ Also see differences between the emergence of the two disciplines
◉ We are now in the totally digital age: the world is so flat
◉ The QE community started as international
◉ The paradigm is already there: David’s book

QE as a Discipline for Me

Figure 8.11. Qualitative and quantitative pathways for understanding the Discourse of a culture, including rho.