Introduction

- What is learning? Derived from Pittsburgh research on novice vs. experts, characteristics of each
- Focus on Web in this presentation – review of his study from 1995 on mental models of folks unfamiliar with Web
- Two models they thought they might find, they didn’t (e.g. Blank Slate Model and Misconceptions Model)
- They found a Multiplicity Model of Expertise – which led to theory about how to develop expertise

Distributed Learning Application

- Expert knowledge system – multiple people, objects, mediators WITH coordination
- Novice knowledge system – same distribution but WITHOUT coordination
- Ed Goal – add in META – coordination, coordination of coordinators and mediators (?!?)
- Case Study: CTER at UIllinoisUC – Mediator Roles: Technical Assistance, as well as in academic support, emotional support, and community support
- When are mediator roles needed? Based on the “lifecycle” of activity
- Therefore needs coordination of the mediators
- Future issues: nature of coordination, specification of mediator roles,
Discussion

- Jerry: Theatrical metaphor vs. Ecological metaphor for mediators
- Bud: Long tradition of “dramaturgical” model, metaphor in Soc.
- Bill: Language point of view – metaphors – bridging concepts between concepts, like these teachers in their classrooms
- Barbara: People only as mediators?
- Islands of knowledge (can’t remember who brought this up)

Jim previews Dede’s MUVEE. Encourages us to download and log in to this. Only for PCs, however. The link is: [http://muve.gse.harvard.edu/muves2003/](http://muve.gse.harvard.edu/muves2003/)

Chris’ Presentation on WebDIVER

Diver

- In Portfolios for teacher candidates in TEP, Moving to online version six years ago, but nothing was available and so built our own
- Advantages (customized, could upload artifacts from classroom, could add faculty and peer comments in portfolio) but also limitations (security, etc..)
- UCOPus – Used the UCOP system which is similar, but not perfect
- Finally to Pea and Stanford group – collaborate on DIVER – and had advantages of isolating pieces and writing about those
- WebDIVER – published section of DIVER to web and so others can comment on it.
- Chris demonstrates this on WebDIVER
- Discussion of various groups at UCSD who are interested in advancing this, as a shared research analysis question.
- Stephanie concerned about ability of all people to understand

General Discussion

- Peg: mediation doesn’t need to be a person, but can be a time-place-practice; situated expertise vs. adaptive expertise vs. declarative knowledge (which could interfere with
- Bud: multiplicity of dimensions – hierarchical (power relations, e.g.) as well as proximal/distal situations (how close the experiences are)
  - Raised the question of how change occurs while the organization is moving at the same time?
- Jim: also temporal dimension
- Sonja: coordination – need clarity on this; also about role of agency
- Jim: artifacts and environments may be necessary but not sufficient
- Doug: need to define, be clear about organization, what we mean by that
- Jim: SDCS – insufficient prof development = prob of distributed learning?
- Bud: the design team were aware of these issues, but constraints didn’t allow because system was moving forward – so how can you do change in big
• Encouragement to use Wiki glossary and resources page (Libby has entered sample annotated reference)

Wrap up talk….