

Knowledge Building in Teacher Education

sponsored by the World Federation of Associations of Teacher Educators

Changing paradigms of learning and calls for educational reforms now emphasize developing competent “knowledge workers” for a rapidly changing technology workplace and knowledge-based global society. UNESCO’s (2011) three competencies (technological literacy, deep understanding, and knowledge creation) for teachers using ICTs are reflective of the push forward brought on by social demands, as well as the learning sciences. This symposium provides an opportunity to explore the principles of knowledge building and the ways that knowledge building processes and communities may help teacher education to meet these challenges.

Therese Laferriere, Laval University, Quebec; **Mireia Montanè**, Catalonia College of Arts, Letters and Sciences; **Mercè Gisbert**, Universitat Rovira i Virgili, Tarragona; & **Paul Resta**, University of Texas at Austin



Knowledge Building in Teacher Education (WFATE Workshop) (Sat. 2/11, 9:00 a.m.-4:00 p.m., \$90)

Changing paradigms of learning and calls for educational reforms now emphasize developing competent “knowledge workers” for a rapidly changing technology workplace and knowledge-based global society. UNESCO’s (2011) three competencies (technological literacy, deep understanding, and knowledge creation) for teachers using ICTs are reflective of the push forward brought on by social demands, as well as the learning sciences. This symposium provides an opportunity to explore the principles of knowledge building and the ways that knowledge building processes and communities may help teacher education to meet these challenges.

The symposium will include the following:

- Theories of knowledge building
- Knowledge building principles and processes
- Understanding teaching as a process of knowledge building
- Developing knowledge-building communities for teacher development
- Computer-supported collaborative learning and knowledge building
- Strategies for infusing knowledge building into teacher development

The symposium will include a presentation of COMconèixer, the Catalan Knowledge Building Community, as well as the external evaluation of the community made by the High Council of Education Evaluation of the Catalan Ministry of Education. Other examples of networked knowledge building

communities that foster teacher development will be shared, and suggestions will be offered of paths to move forward within the context of and beyond our institutions.

Presenters: Therese Laferriere, Laval University, Quebec; Mireia Montane, Director of Center of International Educational Programs, Catalonia College of Arts, Letters and Sciences and President of Knowledge Building in Action; Mercè Gisbert, Universitat Rovira i Virgili, Tarragona; and Paul Resta, University of Texas at Austin and Founding President of the International Society for Technology in Education