

Meet the TIE Faculty: Short version with music

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Welcome to the Technology, Innovation, and Education program at the Harvard Graduate School of Education. I'm Joe Blatt, faculty director of TIE. I'd like to introduce you some of my faculty colleagues, and the research and production projects they're working on right now.

Chris Dede is helping to invent the emerging field of learning technologies. In his "Ecomuve" project, Chris is creating a multi-user virtual environment to teach ecosystem science -- and improve students' understanding of complex causality. Chris has more research projects underway than we can mention; another new one is investigating online assessment as an alternative to paper and pencil tests.

Dave Perkins is co-director of HGSE's famous Project Zero, a research center on cognition and the arts. Dave and PZ colleagues developed a program called Visible Thinking to support teaching at all levels. And now teachers can learn about Visible Thinking through a distance learning platform called Wide World -- an international network for teacher professional development which was created by Dave Perkins, and TIE faculty colleague Stone Wiske.

Stone, the co-director of Wide World, is evaluating the project's impact on school districts around the world. She's creating observation, interview, and portfolio measures for assessing teacher performance in the U.S., and in Australia, Singapore, and Jordan.

In addition to teaching in TIE, **David Kahle** is the Chief Information Officer of Tufts University. David is developing the Visible Understanding Environment, to help people see and connect ideas. Supported by the Mellon Foundation, this project just released its third version.

Ilona Holland conducts formative evaluation, testing new learning materials in development, to improve their effectiveness before they are released. Ilona's clients include PBS television programs, museums and theme parks, and other informal learning producers.

David Rose is launching a project with Google to teach literacy through Internet searching. And as the principal architect of the inclusive approach called Universal Design for Learning, David is also working with 15 states to put universal design into daily practice.

Along with my continuing collaboration with Sesame Workshop, I have spent the past two years developing a new Web site here at Harvard, called *Usable Knowledge* -- a convenient way to learn more about the work of all HGSE faculty.

To read about TIE courses, and meet our extraordinary students and alums, please visit the TIE Web site. And thanks for watching.