

## EDUCATIONAL TECHNOLOGY: OPPORTUNITIES AND CHALLENGES

**Terri Cameron, Southern Illinois University School of Medicine**

**Kelly Noll, Washington University School of Medicine**

**Ray Mosteller, University of Southern California**

**Larry Hurtubise, Ohio State University**

### **Abstract**

This session is for faculty or administrators involved in implementing educational technology. The one-hour panel will begin with each of the presenters providing a five-minute example of an educational technology challenge and how it was resolved, including three lessons learned. The remaining 40 minutes will provide an opportunity for participants to share similar examples/lessons and brainstorm around concepts provided by the presenters.

Web-based learning and assessment, hand-held computers, electronic records, decision support systems, and knowledge content delivery are revolutionizing medical education. While all of these systems offer potential, they require clear strategies for designing, implementing, and maintaining databases and interfaces created with each new initiative. Hardware, software, and infrastructure issues are often less difficult than faculty and student education and training. Teachers and learners often perceive technology as an impediment and training as an obstacle, and the issue of time to explore theory, acquire skill, and integrate new technology into existing and new courses remains a major challenge.

While there is no single answer that will fit all institutions, lessons can be learned from both positive and negative outcomes at multiple institutions. This panel will provide an opportunity for participants to learn from the diverse perspectives of the presenters and share their own experiences. Session participants will benefit from collaboration and develop insights regarding the issues involved in implementing educational technology and a better understanding of what initiatives have been successful at other institutions. Finally, participants will have an opportunity to discuss options for developing initiatives at their own institutions.

### **References:**

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