

2006 CIT Instructional Technology Showcase Summary Report

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Executive Summary

The sixth annual Center for Instructional Technology (CIT) Instructional Technology Showcase was held April 27, 2006 in the Bryan Center at Duke University. Faculty and staff presented innovative uses of technology in teaching and learning at Duke. Showcase 2006 featured concurrent sessions of seven talks and four panel sessions with 26 presenters in the morning, followed by a plenary session, lunch, and 23 posters with 45 presenters in the afternoon. The morning program included talks about iTunes U, Tablet PCs, new features in Blackboard, using and storing digital images, and the pros and cons of lecture recording.

The plenary session, “*Serious Games: Digital Game-Based Learning in Higher Education*” featured a panel of three speakers:

- **Richard Lucic**, Associate Professor of the Practice, Computer Science, Duke University and Faculty Curriculum Director, Information Science Information Studies (ISIS) program, the mission of which is to study and create new information technologies and to analyze their impact on art, culture, science, commerce, society, and the environment.
- **Dr. Jeffrey Sarbaum**, Assistant Professor of Economics, University of North Carolina-Greensboro, whose teaching and research interest is in the area of Experimental Economics.
- **Dr. Jeffrey Taekman**, Assistant Professor of Anesthesiology, Director of the Human Simulation and Patient Safety Center, and Assistant Dean for Educational Technology, School of Medicine, Duke University. His research focuses on the use of advanced computer technologies in healthcare education. His current work includes investigation of simulation techniques (desktop, virtual reality, and high fidelity simulation) as well as other forms of interactive training.

More details of the 2006 Instructional Technology Showcase is on the web at:
<http://cit.duke.edu/showcase/2006/index.html>.

Summary of Key Findings

The 265 attendees represented the majority of departments within Duke University and the Duke Medical School, as well as other area universities such as the University of North Carolina at Chapel Hill, North Carolina State University, and Wake Technical Community College. Overall, 25% of attendees were faculty and the remainder were mostly staff (see Figure at right).

113 attendees (43%) completed surveys about their experience at the Showcase. Of 94 Duke respondents, 40% had teaching responsibilities and 60% did not. 24 respondents (21%) were presenters. 70% of the survey respondents self-reported an above-average to high level of experience with technology.

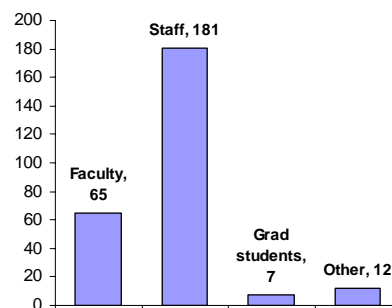
The majority of respondents reported satisfaction with the overall schedule and structure of the event. Particular aspects of the showcase which attendees positively noted included:

- Panel sessions provided more perspectives, were more interesting than single presenter sessions, and were well moderated
- Increased number of technically-focused sessions

Some suggestions for future showcases were:

- Include a session about web conferencing
- Provide recordings or presentation slides of sessions after the event
- Offer opportunities for roundtable discussions
- More time for posters – possibly display them all day
- Change timing of the event to avoid end-of-semester crunch
- More time for questions at the end of presentations

2006 Showcase Attendees



Comments from Showcase 2006 survey respondents:

“This may well be the most stimulating campus-wide event that Duke has. One can learn a great deal in a short period of time.”

“Best part about the timing of the event is that we can explore some of these technologies during the summer - and we know who to contact & how to find knowledgeable staff (CIT) and fellow instructors.”