Integrated Communications February 23, 2005

## **TECHNOLOGIES**

- MIT can be driving force
- Personal terabyte ++
- Library vs. search from anywhere
- Easy ability to read papers online
- What device will we carry? Keep display?
- How discrete technologies are?
- Where does student end/ computer begin-students with implants/ teach knowledge vs. teach how to use computers
- Ubiquitous network
- Use new tech to do new things vs. old things new ways
- All info stored forever and online
- Version/providence tracking
- VOIP- Video internet, HDTV, cameras & displays everywhere
- Tele-presence better than being there
- Why build new buildings/ focus on large lectures
- Ubiquitous mobile devices
- SPAM techniques: not filtering, but postage or permission-based
- Add security/ economics to Internet
- Role of clusters in University-better organize, manage, program, cool
- BLOGS, including video
- Need 3D holographic images in real-time with face expressions
- Overcome regulatory/ social barriers to VOIP
- Protect network freedoms: communications device attachment; build apps
- Use kids as "lead users" for how technologies will be used
- VOIP missing: presence, collaboration
- Motivate creation of visionary applications