

A New Role for Libraries: Building Collaboration around Technology-Enhanced Learning Spaces, Design Tools, and Expertise

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Abstract

This discussion explains how we developed a successful collaborative relationship with the Department of Allied Health Sciences by facilitating the use of the library's technology-enhanced spaces and media design tools in support of active learning. The goal of our presentation is to inspire others and to provide specific information about tools and techniques.

Topics covered include the following:

- Strategies used to encourage collaboration
- Examples of collaborations (e.g., meetings, classroom presentations, small group work in the media studios)
- Examples of technology-enhanced spaces in libraries (e.g., collaboration centers, small group study rooms, media design studios, classrooms, conference rooms, video-conferencing spaces)
- Examples of media design tools (e.g., hardware and software)
- Consultation and training (e.g., brainstorming, design, use of design tools)
- Examples of projects

Outline/ Presentation Notes

Link to PowerPoint presentation:

<http://www.hsl.unc.edu/AboutLib/staff/present/TLT2008/TLTfinalforWeb.htm>

Link to Video Clips:

<http://www.hsl.unc.edu/AboutLib/staff/present/TLT2008/index.htm>

Goals:

- To inspire others
- To provide specific information about tools and techniques

Technology enhanced spaces:

- Café
- Small group study rooms
- Collaboration center

- Classrooms
- Computer laboratories
- Conference rooms
- Media design studios
- Wired and wireless connections throughout

- **What Brings Them In?**
- Wired and wireless connections throughout
- Moveable, comfortable, usable seating
- Flexible space/alcoves
- Café
- IT lab
- 19 small-group study rooms

The Report of the UNC–Chapel Hill Chancellor's Task Force on Intellectual Climate (August 1997) clearly states as a barrier to intellectual life "too few lounges, cafes, and comfortable eating places that can provide space for informal conversation..."

Small Group Study Rooms (seat 8–10; group priority; some reservations)

- **9 multimedia**
 - Plasma screens
 - Dry erase boards
 - Some with CPU's
 - Wireless mouse and laptop checkout
- **10 regular**
 - Dry-erase boards
 - Pull-down screens
 - Laptop connections

2 Classrooms (Campus IT supported; audio/video/data capabilities)

- **Large classroom** (seats ~30)
 - Dual-screen projection
 - Videoconferencing
 - Assistive listening devices
- **Small classroom** (seats ~15)
 - Single-screen projection
 - doubles as open lab
 - Specialized software loads by faculty request

2 Conference Rooms (Campus IT supported; media display/playback)

- **Large** (seats ~50)
 - Multipurpose
 - Sound dampening divider
 - Separate or simultaneous projection
 - Flexible seating and tables
- **Small** (seats ~15)
 - Dual flat screens
 - Videoconferencing

Collaboration Center

- **Display Wall**
 - 8' x 10' rear projection visual display
 - Very high resolution: 4,096 x 3,072 pixels
 - Runs Windows or Linux-based applications
- **Access Grid**
 - Internationally distributed electronic meetings
 - Shared presentation materials
 - Wall-sized displays
 - Network-enabled streaming audio/video
- **Smart Board**

Media Design Studios

- **2 Studios (2 workstations each)**
 - Apple/Mac
 - Windows
- **Slide Scanners (Nikon)**
- **Printers**
 - Color
 - Plotter/printer (support GIS/poster work)
- **Professional level software suites**
- **DV deck**

Department of Allied Health Sciences

- **7 Divisions :**
 - Clinical Laboratory Medicine
 - Cytotechnology
 - Occupational Science
 - Physical Therapy
 - Radiologic Science
 - Rehabilitation Counseling & Psychology
 - Speech & Hearing Sciences
- **3 Centers :**
 - Center for Literacy & Disability Studies
 - Center for Human Movement Science
 - Distance Education Information Center

New Beginnings:

- Renovation: technology-enhanced spaces
- Special assignment: Liaison to Allied Health
- Meeting with Allied Health Sciences Chair
- Hosting Chair's Advisory Meeting
 - 1/2-day retreat in the library
 - Featured tour of technology-enhanced spaces

Get them in the door!

- Bring key leaders into the building
- Demonstrate what you have
- Let them see and feel
- Listen to their questions and comments
- Respond creatively

Examples of Collaborations:

- **Redesign of a graduate course**
 - Research resources and technologies
- **Classroom Presentations**
 - Planning and designing posters for research presentations
 - Working with digital images using Photoshop
 - Using video editing software
- **Research and Teaching Consultations**
 - “Clickers” (Audience Response Systems)
 - Technology-enhanced research
- **Library Exhibits**
 - Physical Therapy 50th Anniversary
 - Occupational Therapy Month
 - Speech & Hearing Sciences 40th Anniversary

An Evolution: From ad hoc consultation to course integration

- Planning and designing effective posters
- Successful Poster Presentation Day
- Chair identifies media-enhanced presentations as key skill for graduates
- Adoption of course-integrated teaching by additional divisions

Evolution of Teaching

- Tighter integration with research course sequence
- Preparatory assignment
 - Materials for hands-on practice
 - Online tutorials
- Course discussion of communication context
- Hands-on practice with software
- Follow-up consultations

Media Design Studio’s Consultation

- Print and presentation design (InDesign, PowerPoint)
- Slide scanning and imaging (Photoshop, iPhoto)
- Web design (Dreamweaver)
- Video and audio (Final Cut Pro, iMovie, Soundtrack, GarageBand)
- Adobe Captivate (for video tutorials)

Next Step

Meet with faculty to discuss ways to incorporate audio and video into student projects:

- **Software options and training**
- **Multimedia project design and facilitation**

A Successful Collaborative Relationship

- Technology-enhanced spaces
- Media design tools
- Expertise
 - Media and instructional design
 - Making connections, identifying needs, developing strategies
- Get them in the door

URLs

- **Link to PowerPoint presentation (A New Role for Libraries: Liaison and Media Design Services):**
<http://www.hsl.unc.edu/AboutLib/staff/present/TLT2008/TLTfinalforWeb.htm>
- **Link to Video Clips (Liaison and Media Design Services):**
<http://www.hsl.unc.edu/AboutLib/staff/present/TLT2008/index.htm>
- **Health Sciences Library:** <http://www.hsl.unc.edu/index.cfm>
- **Floor plans, showing technology enhanced spaces:**
<http://www.hsl.unc.edu/AboutLib/building/floorplans.cfm>
- **Room/space information (including technology enhancements):**
<http://www.hsl.unc.edu/AboutLib/Building/reservationforms.cfm>
- **Media Design Studios:** <http://www.hsl.unc.edu/services/MDStudio/home.cfm>
- **Media Design Studio Tutorials (How do I...):**
<http://www.hsl.unc.edu/services/MDStudio/howdoi.cfm>