Collaborative Services of Libraries and Other Campus Units

Richard Meyer and Tyler Walters
Effecting the Transition in Three Parts

- 1. Recognizing motivators
- 2. Reshaping facilities
- 3. Refocusing services
Part I: Recognizing Motivators

- Consolidation of journal publishing
- Escalating journal prices
- Online delivery of research output
- Collaboration needs of students
- Increasing emphasis on undergrads and collaborative problem solving
- Students’ simultaneous need for IT and bibliographic resources
- Overlap of Library roles with IT, Advising, Tutoring, Writing
- Flattening world
From Print to Digital -- or from Linearity to Sphericity

- Acquisitions: buy books via vendor and journals item by item
- Cataloging: produce card or film static catalog
- Public Services: point them to the right print tools / sources
- Acquisitions: everything comes online in a package
- Cataloging: added metadata comes with the package
- Public Services: a mixed library and computer user support environment
... to which we must add

- Digital initiatives: THE campus repository for intellectual and informational delivery
- Special collections: no longer a sidebar; now a very important host to campus history and societal definition -- dissertations, campus news, administrative speeches, radio, public relations, and preservation of identity
Part II: Reshaping Facilities

- Georgia Tech influenced by observations of other campuses
- Experiments intended to shape ILRC
- Staff reallocation and job revision
- OIT and other partners embedded
- Coordinated management arrangement
- Infrastructure technology support
Georgia Tech’s experimental learning commons

- The Library West Commons (LWC) opened in August 2002 --- 6,000 square feet
  - Contains 100 networked computers
  - Has a single user orientation
  - Staff from OIT next to reference

- The Library East Commons (LEC) opened in August 2006 --- 9,000 square feet
  - Contains 30 group study computers
  - A multiple user orientation
  - Special library staff
Library West Commons

The LWC

[Diagram of Library West Commons with various sections labeled such as Reading Room, Study Carrels, Printers, Multimedia Workshop, etc.]
Life in the LWC
Another view of the LWC
Multimedia support corner ...
Transition to LEC

- LWC was single user oriented and had limited capability for students to shape their area of workspace / collaboration.
- LEC is multi-user oriented and highly flexible for user arrangements and collaborative work.
- LEC also has macro spaces for theatre, café and student displays.
Library East Commons
Sample LEC collaboration
Longer range view
Summary

- These spaces are within the Library, but owned and operated by the Library and OIT
- Equipment all refreshed by OIT with student fee support
- Services collaboratively supported by Library, OIT and Center for Teaching and Learning
- Spaces provided for use of tutoring, advising, and writing center and for undergraduate collaborative engagement
Part III: Refocusing Services

Time for Tyler Walters to talk …

Focus on “Digital Services:”
1. Library Collaborations with Campus Units
2. Serving Undergraduate Students
Refocusing with “Digital” Services

1. SMARTech Repository Services

“SMARTech, or Scholarly Materials And Research @ Georgia Tech, is a repository for the capture of the intellectual output of the Institute in support of its teaching and research missions”

- DSpace installation, opened August, 2004
- 10,000 objects / 70+ (sub)communities / 160+ collections
- 1,000,791 item records viewed, 489,292 items downloaded, and 50,434 searches made (July ‘05 – June’06)

- SMARTech is the:
  - 4th largest of 58 DSpace repositories in the United States
  - 13th largest of 179 DSpace repositories in the world
  - 13th largest of 201 repositories on any software in U.S.
  - 55th largest of 764 repositories on any platform in the world

Refocusing with “Digital” Services

2. Epage@Tech
(Electronic Press At Georgia Tech)

- Publishing
  Electronic Books
  Journals
  Conference Proceedings

- Capturing
  Instructional Materials
  Multimedia

- Hosting
  Conferences
  Symposia
  Lecture Series
Capture ‘Live’ Scholarly Communications Events

Library East Commons:

- Student displays of creative activity, research
- Campus speakers, student productions, etc.
- Audio/video, digital renderings, in SMARTech

Examples:

- Faculty Tuesday Talks (in Library)
- GT President Clough speaking in library
- LCC symposium Nov 17, History of Women’s Health
E-Publishing (Epage)

Current Major Activity:
- Information Technologies and International Development
  - MIT Press, Univ. of Maryland, GT School/Int’l Affairs, GT Library
  - ARL/ACRL Scholarly Communications Institute, Dec. ’06
  - Currently using Open Journal Systems (OJS) software

Student-related Activity:
- GT Journal of Undergraduate Research (electronic only)
  * Collaboration with Director of Undergraduate Research, LCC

- The Technique (student newspaper)
  * Collaboration with GT Student Publication Board, OIT
Extending Repository Services

- Media and Learning Object Repository
  - Collaboration with ECE Digital Media Lab, DLPE as advisory

*This need is an outgrowth of student multimedia projects (research/creative endeavor), and faculty’s learning objects and digitally-captured courses

- Undergraduate Research Option
  - Increasing growth of UG research - programs, scholarships, awards, international research
  - Submit output to SMARTech (via ETD-db software)
  - Collaboration with Director of Undergraduate Research
Learning Technology Collaborations

Context:

• Academic Technologies Advisory Cmte. (OIT)
• Virtual Learning Strategy Group (CTO-led)
• Tegrity Course Capture Software Pilot Team (DLPE/OIT)
  ▪ Library provides student training
• Campus Portal Steering Cmte. (OIT/Faculty/support units)

Driver: Migration from WebCT CE to Sakai, 2006-07

• GT moving to Sakai – Catalyzes new LT organization
• Library role:
  1) Integration of library technologies, content, services
  2) Assist instructional designers w/ training faculty and students
Learning Technologies
Preliminary Organization Chart

CETL
- Director of Educational Technology (DET)
- Instructional Technology Consultants (Two)
- Developer (Sr. SA-4)
- Developer (Jr. SA-3)

Library
- Library manages:
  - Coordinates with DET and OIT
- Developer (Sr. SA-4)

OIT
- OIT manages:
  - DET sets priorities
- Inst. Content Librarian
- SysAdmin
- DBA
- Developer

DLPE
- DLPE manages:
  - Coordinates with DET and OIT
- Developer

Ed Tech Steering Group

DLPE manages:
- Coordinates with DET and OIT
Questions?

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