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
Life in the LWC
Another view of the LWC
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)
- Inst. Content Librarian

OIT
- OIT manages: DET sets priorities
- SysAdmin
- DBA

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

Ed Tech Steering Group
Questions?

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