

Guiding Principles, Evolving Change, Footprint for the Future

Tom Hickerson
University of Calgary

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Overview

1. A Library Built for Users
2. Functional and Organizational Change
3. Workflow Change – Single Point of Ingest

Programmatic Design of the Taylor Family Digital Library (TFDL) – GUIDING PRINCIPLES

Allocating Extensive Space for Library Users -- Supporting diverse learning styles and collaborative study. Insuring that student and researcher space will not be diminished by collection growth.

Enabling Knowledge Creation -- Supported by comprehensive network access and a rich panoply of advanced technologies. Information access is increasingly ubiquitous while creating new means of using and managing information in many forms is critical.

Convergence of Knowledge and Culture – Providing access for students, scholars, and the public to a broad spectrum of educational and cultural experience, including incorporating the university art museum and the university press into the TFDL.

Preserving Rare and Unique Holdings -- Documenting intellectual and artistic achievement and the nature of human experience remains a vital societal role for libraries, archives, and museums, and their teaching and research value is compelling.

Design for Continuous Change -- Raised flooring and demountable walls enables ongoing re-envisioning in response to evolving roles for libraries.

A LIBRARY BUILT FOR USERS

Libraries Designed for Learning

Council on Library and Information Resources, 2003

- Scott Bennett's study of trends in library construction found that extensive renovation and new building during the 1990s was primarily driven by Growth in Collections.
- New shelving space was seldom in separate storage facilities, something most directors and academic administrators saw as a less-desirable future trend.
- **“But there is little evidence that the higher education community has reached the point in its thinking about libraries where it is ready to affirm that readers assuredly have first claim on space even when space becomes highly constrained by collection growth.”**
- New trends in student study space, “information commons,” were “dominated primarily by a concern for information resources and their delivery.”
- Bennett advocated planning spaces for creating new knowledge, designed as though they were “owned” by learners, accommodating frequently changing tasks, technologies, and modes of interaction.

Institutional Alignment and Commitment to the Vision

Alan Harrison, Provost, and Tom Hickerson, University Librarian, arrived almost simultaneously in the summer of 2006.

- Harrison has read Scott Bennett, is convinced, and is dedicated to realizing the primacy of user space.
- Hickerson has served on the design team for a new library at Cornell University and knows how use of space shapes and enables.
- \$205M Project, including a central library, a new off-campus storage facility and the re-landscaping of the central campus quadrangle.
- In order to insure adequate user space, it was initially envisioned that as much as 50% of the general collection holdings might be moved off-campus.
- When initial cost estimates grew by \$40M, a reduction limiting size to 265,000 sq. ft was necessary. Additional volumes were scheduled to move and it was decided that back-of-house staff in Collections, Metadata Services and archival processing would remain in their existing building adjacent to the new library.
- The Provost gave me authority to select all of the necessary cuts, as long as user space was not reduced.
- After review of the circulation records for various components of the general collection, the then-head of Collections, Helen Clarke, and I agreed that shelving for only 600,000 volumes would be installed. Fewer titles are housed there today.

Spaces Owned by Students



Collaboration and Quiet Study



FUNCTIONAL AND ORGANIZATIONA L CHANGE

Today's Content Spectrum

Karen Calhoun
(former Vice
President OCLC)

Consultancy
2015



Scholarly Comm.	Books and E-Books	e-Resources	Special collections
Repositories	Automated acquisitions and processing	Licensing, negotiation	Archives
Support for Digital Scholarship	HathiTrust integration	ERM	Curation
Research partnerships	Shared print initiatives	Remote access	Distinctive collections
Data services	Outsourced cataloging	Trouble shooting	Strategy
			Preservation services

Content: new sources, many forms

The Nature and Source of Information Employed in Learning, Teaching and Research has Changed Radically in the Last Decade

Books Purchased and Electronic Resources Licensed by the Library Are of Diminishing Centrality in Academic Education and Research

➤ **Renamed “Collections” Unit “Content Development” and Appointed an Associate University Librarian for Content Development (2016)**

Most Libraries have not Re-Conceived and Adjusted their “Collections” Budgets to Respond to This New Reality

New Synthesis

A scholarly
infrastructure
that incorporates
digital media
and analytical
tools



Re-Envisioning the Role of Metadata

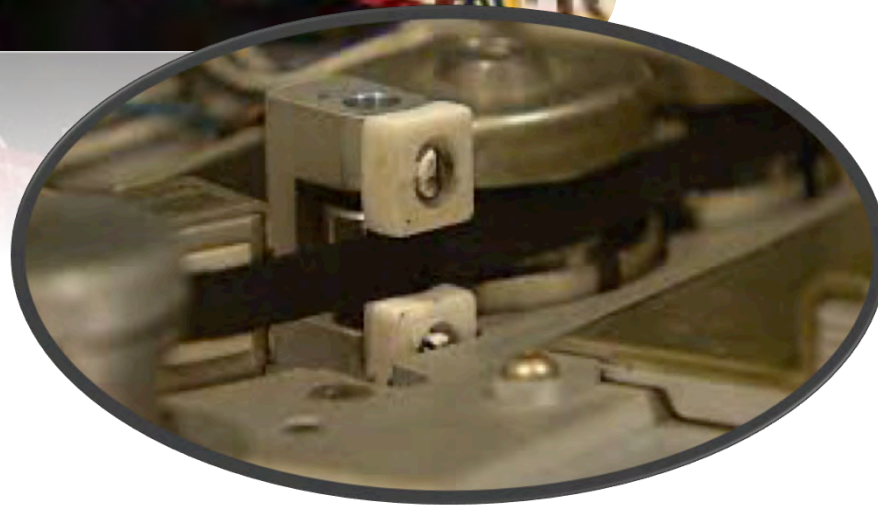
As Content Development Was Being Rebranded, Metadata Services was Organizationally Transferred to the Technologies and Digital Services Unit

This Re-conceptualizing of Metadata Services Was Designed to Better Connect Digital Media to the Tools Necessary for Using Evolving Forms of Information

Metadata as a Service Recognizing that Metadata Would Be Employed as a Service Responsive to Content Growth in all Forms -- Including Research-Specific Needs

Digitization as a Researcher-Driven Function Is Growing - In Close Association with Metadata as a Service

Special
Collections
Expanding as
Compelling
Teaching and
Research
Sources while
Enhancing Our
Societal Role as
a Unique
Cultural Archive



WORKFLOW CHANGES & SINGLE POINT OF INGEST

- In September 2016, the Government of Canada Announced \$160M in Funding for Eight Key Infrastructure Projects at the University of Calgary as Part of the its National Post-Secondary Strategic Investments Fund
- The University of Calgary Chose the Expansion of the High Density Library as a Principal Project -- \$30M
- Current Expansion of the High Density Library Aligns with and Realizes the Original Vision for the TFDL

but does so much more...

HDL Expansion 2018

Doubled Existing Storage Capacity

- with emphasis on archival and special collections

New Workspace for Metadata Services and Archival Processing

- meeting New University Workspace Design Standards

Created a Purpose-Built Audiovisual Reformatting and Preservation Studio

Expanded Cold Storage and Added a Conservation Lab

Created a Single Point of Ingest

Changing the Functional Geography of Libraries and Cultural Resources

- All Physical Materials, Whether Acquired by Purchase, Gift, or Transfer Arrive at a Single Service Hub Where Receipt, Appraisal, Physical and Bibliographic Processing Are Conducted
- Decisions Regarding Location are Made, with Most Materials Being Housed at the HDL and Others Selectively Located at the TFDL or Branch Libraries
- All Materials Requested for On-Campus Use Are Distributed and Returned Via a Single Transfer System

While Insuring Optimal Care and Housing, This Aligns Perfectly with the University's Comprehensive Plan to Move Back-of-House Functions from Central Campus and Reduce Campus Traffic

Principles for today and tomorrow

- Primacy of student learning space
- Content conceived in combination with the infrastructure that supports its use
- Integral role of libraries in multi-disciplinary research
- Keep designing libraries for the future