Current and Future Trends in Libraries and Digital Initiatives

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The Library of the Future

...may well predict the future of the university

— James Duderstadt, President Emeritus, University of Michigan
A Bit of Context

- One library serving three campuses
- Robust planning and assessment
- Support all units and users
- Diversity is great
- Increased use and intensity of use of the Libraries

Trends and Opportunities

- Data curation
- Open data
- Digital archiving
- Research data repository
- Licensing of e-resources
- Open access
- Demand-driven acquisitions
- Streaming media
- Global collections
- Institutional repositories of scholarly work
- Digitization of local collections
- Cultural heritage and cultural memory
- Electronic dissertations and theses
- Shared print repositories
- Conservation of books and paper
- Online education
- Open textbooks
- Information literacy
- Data literacy
- Health information literacy
- Educational partnerships
- Libraries impact on student success
- Information and public policies
- Authenticity and authority
- Copyright and fair use
- Author rights
- Equitable access
- New forms of scholarship
- Digital humanities
- Succession planning and workforce transitions
- Mobile technologies
- Collaborations and partnerships
- Consortia
- Shared infrastructure
- Discovery services
- Metadata services
- Linked data, data mining, and analytical tools
- Library as publisher
- Re-envisioning library space
- Learning hubs
Four to Start

- Journal Publishing
- The Move to Open
- Library as Place
- Multi-institutional Strategies

Research Library Expenditure Trends

Monograph and Serial Expenditures in ARL Libraries, 1986 - 2007*

* includes electronic resources from 1995-2000 on record
UW Strategies

• Support affordable system of scholarly communication and publishing
• Journal packaging
• Consortia licensing
• Data-driven management
• Most economic approach
• University investment

Enter Open Access

• “Free, immediate, online availability of research articles, coupled with the rights to use these articles fully in the digital environment” (SPARC)
• Requirement from NIH and other agencies and foundations
• Central and institutional repositories
• Author rights
Growth of Open Access

- 81,780 articles in 2012 published in OA journals
- 252,418 during all of 2000-2012
- Nearly 10,000 OA journals
- 2,500 repositories
- Campus policies
- Faculty Senate resolution April 23

Open Textbooks

- Part of the solution for increasing the affordability of a college education?
Hewlett Foundation Definition

“OER are teaching, learning, and research resources that reside in the public domain or are released under an intellectual property license that permits their free use and repurposing by others”
Free + 5R Permissions

- Retain
- Reuse
- Revise
- Remix
- Redistribute

Slide credit: Nicole Allen
Open Textbook Adoption

- Creation
- Peer Review
- Adoption programs
  - E.g., Grant programs at UCLA and U Mass
- Assessment

At the UW?
Data Deluge

- Data, data, everywhere
- Data intensive research
- Data curation
- Reproducibility of results
- Open data requirements
  - Availability
  - Access
  - Redistribution and reuse

Data Management Services

Research Data Repository Pilot coming....
Re-envisioning Space
Multi-institutional Strategies

- Libraries transitioning its sole focus from its role as a knowledge service provider within a single university to become a collaborative partner within the broader ecosystem of higher education. (ARL Strategic Design)
- Print examples
  - Shared collections and expedited delivery (Summit)
  - Distributed print repositories (like WEST)
- Digital examples
  - HathiTrust
  - DPN (Digital Preservation Network)
  - DPLA (Digital Public Library of America)

The Road Ahead

- New roles for librarians and the Libraries
- Organizational Review Initiative
- Bridging to the future
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