MIX OF

EVOLUTION

And
Technical and Automated Services Provide

- Purchase and organization of information to support library users
- Information Services to organize and deliver information and information services for users
- Support for the faculty and staff who work directly with library users

It is all about the User
It’s Also About Information

Changes in Information result in:

- New ways of ordering, organizing and providing information

- New tools and services to make information accessible, understandable and usable.
Information is Changing Fundamentally
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The New Paradigm
Information is Increasingly Digital
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- New ways of discovering and selecting resources
- New delivery platforms with proprietary tools
- Licenses that govern who has access, for how long
- Aggregations that change frequently
In the Digital Space, Everything is Information

- Everything can be digitized and shared

- Libraries own the rights and have an obligation to share unique special collections.

- Research is a major societal contribution that universities make.
Information is Changing Fundamentally

The New Paradigm
Research is understood through Context

Data Life Cycle

Project

Data Collection Hierarchy

Experiment

Trial

Data

Analysis

Publication

Associated objects:
Design documents;
Grant proposal;
Hypothesis;
Methodology;
Grant award;
IRB protocol

Associated objects:
Field notes
Lab notes
Data corrections
Instrument calibrations

Associated objects:
Code book
Software
Article, dissertation, etc.
Context is Relationship

- Relationships among resources become critical. The Libraries include both the raw data and the publication resulting from the raw data, whether in Rucore or the commercial collection.

Data-centric View

Events
- Situate each lifecycle event in place and time, with associated objects and agents.
- Events can be displayed or not in different portals.
- Data is disambiguated from its context for more efficient reuse. But the context is always there to be retrieved.
- No limit to the number and type of events that can be added.
How Do We Organize for the New Paradigm?

- Strategic priorities are critical. **We just can’t do it all.**

- Selection, organization and management are no longer linear. Instead, information management is **circular, simultaneous and holistic.**

- Expertise and workflow are not handed off but **work together**

- **Everyone has to understand the whole picture**
TAS Changes in Workflow and Staffing

- Organization reflects priorities and will change as priorities change—Electronic resource and license management; ETDs, Large record sets, E-Books, Streaming Media, Research data.

- Entire workflow managed for priority collections, because tasks are no longer distinct. Vendors supply records as part of the purchase; technology for streaming is integrated into the discovery process, etc.
TAS Changes in Workflow and Staffing

- Greater reliance on cross-departmental teams—Serials, Streaming Media, Web Board, Research Data

- Work is more complex, as workflows move from very compartmentalized and standardized to contextual and flexible. Increased emphasis on core competencies training for shared understanding. Two in-depth courses in 2011: Faculty research data management and Metadata technologies.

- Increased focus on projects rather than ongoing workflows. Need for positions that provide coordination, project management, troubleshooting and support. Digital Projects Coordinator position in SCC.
TAS Changes in Workflow and Staffing

- Increased identification of synergies and opportunities to work together across departments—CTS and DTS, IIS and SCC and with RIS, CD and the other campuses

- The Organization Chart no longer