Emerging Information Services for Digital Scholarship

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New formats, new opportunities

• Digital information access is now routine
• Aggregated purchasing changes librarian workflows
• Faculty and students as creators and customizers
• Complex environment for legal and policy issues
• Professional librarian expertise -- information management “beyond the library”
Evolving Service Areas

• Publishing
• Authoring, design and analytical tools
  – Digital humanities
• Online education and instructional support
  – Media/video support and integration
• Data management and data-intensive research
• These areas also rely on new services related to:
  – Scholarly communication and copyright advising
  – Digital archiving
Publishing

- Scholarly communication consultation (copyright, contracts, open access)
- New publishing platforms and business models
- Creation of rich and interactive academic web sites
- Repositories of unique material (images; data; lecture capture; sound and video)
- Collaborations with university presses
Authoring, Design and Analytical Tools

• Text mining across large sets of digital books or journals
• Mapping tools for humanities and social sciences
• Visualization, 3-D views
• Creating anthologies and ebooks
• Web site design, media creation
• Gaming and maker-spaces
Data-Intensive Research

- Developing data management plans
- Assisting with metadata, tagging and file structures
- Funding agency compliance
- Campus collaboration with subjects, librarians and technologists
- Large-scale repository issues
Instruction and Curriculum Design

• Link digital resources into learning management and online education platforms
• Self-directed modules for using and evaluating information
• Partner with faculty to identify appropriate resources and permissions for “MOOCs”
• Negotiate usage for course reserves and coursepacks
• Linking media and “lecture capture” into the CMS and institutional repositories
• Teaching ethics of plagiarism and copyright
Shaping Campus Policies

• Ownership, copyright, access and privacy
• Academic decisions about long-term retention
• Budget models – basic versus fee-based
• Clarifying mission – dissemination vs. internal preservation, or both
• Digital storage and curation on a large scale
• Relationships to the commercial sector
Designing Successful Services

• Align with current faculty interests and seek partners
• Select services and projects that will build capacity complementary to other library and campus needs
• Use special opportunities through consortia and research grants
• Staffing is critical; be willing to work in hybrid roles
• Take time to think through policy, don’t just build technology