21st Century Emerging Resources

***Purpose*:**

The goal of Next-Generation Technical Services (NGTS) is to transform the technical services processes that acquire, describe, and preserve the wide variety of information resource types in the UC collections. The NGTS initiative presents the UC system with an unprecedented opportunity to evaluate and rethink a wide range of functions and processes. NGTS has scoped out four broadly defined groups, of which *21st Century Emerging Resources* is one, to design appropriate workflow and lifecycle models for various types of materials, and in doing so, to redefine the Technical Services operations of our libraries. The formats included in the scope of 21st Century Emerging Resources Team pose unique challenges to existing models for technical services operations. This team will help envision our technical services work flows and processes pertaining to these new formats for scholarly materials and collections in a manner that enhances the user experience and improves efficiency.

21st Century Emerging resources include:

a. Harvested websites and resources (Web at Risk)
b. Scholarly websites
c. Blogs and other integrating resources
d. Maps
e. GIS
f. Datasets

***Charge (June 22, 2009, Rev. March 2010)*: [PDF]**

The 21st Century Emerging Resources is charged to develop 1-3 model lifecycle model(s). The task force is encouraged to suggest a name for each proposed model, although this is not required.

- Address processes for selection, acquisition, cataloging, and preservation or reformatting (as needed), including possibilities for outsourcing some or all to third parties
- Incorporate these Values and Guiding Principles:
    - Speed processing throughout all technical services functions
    - Eliminate redundant work
    - Free up resources in order to focus on unique resources
    - Start with existing basic metadata from all available sources
    - Allow for continuous improvements to basic metadata including from the world beyond the UC Libraries: our users, expert communities, vendors, and other libraries
    - View technical services as a single system-wide enterprise
    - Make the UC Collections easy to find and use
    - Define success in terms of the user's ability to easily find relevant content
    - Allow for experimentation and innovation in approach to the widest variety of discovery pathways both inside and outside the "catalog" environment

    - Allow for interoperability of metadata across content, formats, and systems
    - Be flexibly designed with the expectation that it will be exposed in multiple ways and open to enhancement by user tagging and expert communities
    - Eliminate duplication of effort across the UC system and local variation in practice
    - Achieve system-wide cost-savings and rebalance expenditures as necessary to embrace the format and service requirements
    - Leverage national and international standards and strategically position UC Libraries to be an earlier adopter of emerging standards
- Address options for system-wide organization of Technical Services

The task force is encouraged to suggest a name for each proposed model, although this is not required.

***Expectations for each model*:**

Phase 1:
July – Oct. 2009
Report due: Nov. 13, 2009

Research existing best practices and current initiatives within UC and beyond

a. Interview stakeholders and experts
b. Identify organizational structures
c. Collect evidence for proposed solutions, including throughput and discovery statistics
d. Describe when collaborative approaches to technical services ought to be considered/not considered
e. Describe when/if a collaborative technical services approach depends upon a shared UC collections approach
f. Consider vendor or other contracting solutions when appropriate

***Consultation*:**

The task force should consult with the SOPAG Ad Hoc Digital Library Services Task Force, the UC Digital Preservation Program, local campus data/GIS/digital initiatives/emerging technologies librarians, and other groups as appropriate

***Resources*:**

Next Generation Technical Services Scope Statement
HOTS Cataloging Expertise Document (see HOTS website:**http://libraries.universityofcalifornia.edu/hots/**
BSTF Report: **http://libraries.universityofcalifornia.edu/sopag/BSTF/Final.pdf**
New Approaches for System-wide Cataloging Initiatives:**http://libraries.universityofcalifornia.edu/hots/camcig/BrainstormingDraftForCAMCIG.pdf**
The University of California Collection: Content for the 21st Century and Beyond (forthcoming)

OCLC WebScale Management
Services: **http://www.oclc.org/productworks/webscale.htm**
Online Catalogs: What Users and Librarians
Want:**http://www.oclc.org/reports/onlinecatalogs/**
How Are We Ensuring the Longevity of Digital Documents?
(**http://blog.dshr.org/2009/04/spring-cni-plenary-remix.html**)
New Partnership for Scientific Data Preservation and Publication
Systems: **http://rdd.sub.uni-goettingen.de/conferences/ipres07/presentations/iPRESS_2007-Zhuzhongming-et_al.pdf**
Roy Tennant. A Bibliographic Metadata Infrastructure for the 21st Century. Library Hi Tech 22, no. 2 (2004): 175-181.

***Limitations/Boundaries*:**

The 21st Century Emerging Resources Team should concentrate on resource types that present the most opportunity to develop system-wide integrated and collaborative technical services operations.

***Members*:**

Perry Willett (CDL) (Chair)
Sue Perry (UCSC)
Ardys Kozbial (UCSD)
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Roger Smith (UCSD)
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***Reporting*:**

Next Generation Technical Services Steering Team
Liaison: Carol Ann Hughes