Collaboration as a Strategy for Building a Digital Library

Digital Library Federation Forum March 31, 2000

University of California

Pioneer Challenges

- Political
- Organizational
- Financial
- Information Policy
- Change Management
- Technological
- Human Resources
- Cultural

Components of Session

California Digital Library

- Background/Principles/Description
- Emergent Practice

Interaction

Environment - Crisis and Opportunity

• CRISIS OF SUSTAINABILITY

Cost of Information
Information Explosion
Needs and Demands of Faculty and Students

• TRANSITIONS

Higher Education

Research Environment

Public Service Responsibilities

 OPPORTUNITIES FOR LEADERSHIP Ubiquitous Digital Technologies Promising Innovation Diversity of Vision

Recent Historical Perspective

Salmon Plan 1977 - ????

UC Library Technology Strategy June 1992 - June 1995

UC Digital Library September 1995 - August 1996

UC Library Planning & Action Initiative (LPAI) September 1996 - February 1998

Systemwide Planning for Libraries and Scholarly Information
June 1998 - Ongoing

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Planning Assumptions

- One University, One Library
- Dedicated planning process
- Value in serving constituency *beyond UC*
- Planning should encompass full range of scholarly communication activities and technologies
- Planning should reach out to all stakeholders
- Immediate *strategic action* is necessary

Planning Process

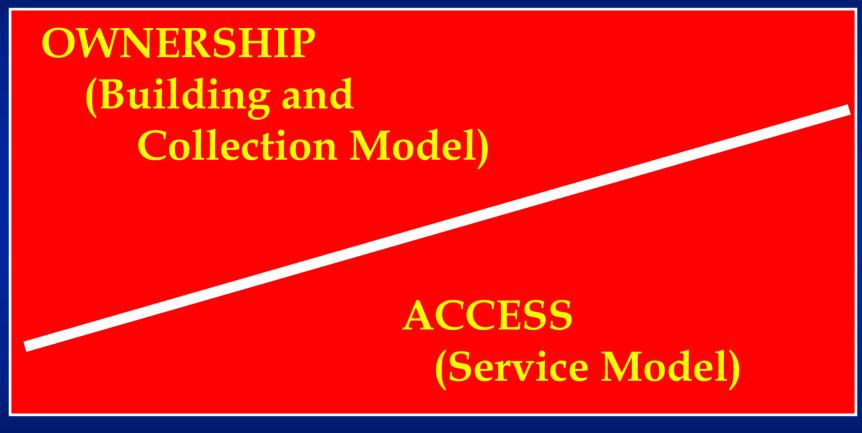
Pragmatic and Dynamic

emphasizing near-term strategic initiatives for implementation and evaluation as well as a long-term vision, goals, and financial strategies...

Planning Conclusions

- Major Transition in Scholarly Communication Has Begun
- **Current Library Practices Cannot be Sustained**
- Leveraging across campus libraries Desirable
- Solutions Will Unfold Organically Throughout a Multi-Year Transition
- **Strategic Action** is Preferable to a Traditional, Detailed Plan
- Digital Library Holds Promise of Facilitating Change in Scholarly Communication

******UC SHOULD BUILD ONE DIGITAL LIBRARY*****



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1995

Traditional Forms of Scientific Communication **Alternative Forms of** Scientific Communication

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2000

SHARED LONG-TERM GOAL

A Viable System for Scholarly Communication

- Advances Science and Scholarship, Fosters
 Teaching and Learning, Promotes Public Service
- Consistent with Values of the Academy
- Compatible with Academic Work
- Integrates Use of Traditional and Digital Technologies
- Financially Sustainable

UC Libraries: A Shared Vision One University, One Library

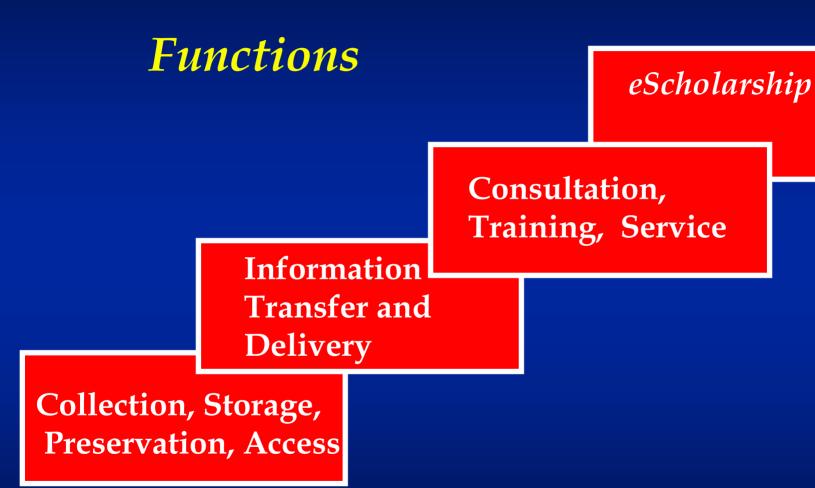
Complementary Paper and Digital Collections
Comprising a Universitywide
Knowledge Network

Distributed and Personalized Information Services

A (Sufficiently) Shared Vision

California Digital Library

An Integrated Digital System for Scholarly Information Management that will directly serve its faculty and students, and eventually a much broader segment of the State's citizenry



California Digital Library Components

- High-Quality Digital Knowledge Resources
- Tools for *Producers and Consumers* of Information
- Integrated Access to Information for Research,
 Teaching and Learning
- Distributed Services

The CDL is a Library

- 10th Research Library
- UC's Virtual Digital Library

The CDL is a Framework

For Multi-Campus Collaboration

CDL is a CO - LIBRARY

- Co Operative Venture of 10 Campuses
- Co Equal (Governance)
- Co Investment (Business Model)
- Co Staffing

California Digital Library Organizational Strategies

Senior Leadership Team

Management

Content

Education

Strategic Innovation

Business Development

Services

Technology

Collaborative Style

California Digital Library Organizational Strategies

 Diverse and Extensive Consultative Structure

Distributed Staff

Neutral Center

Seek Partners and Collaborators

InterLib

A Foundation for Knowledge Creation and Sharing

- Unique *Collaboration* among UCSB, UCB, Stanford, SDSC, and California Digital Library
- Integrate Research, Development, and Production
- Facilitate Technology Transfer

LIBRARY OF CALIFORNIA

- Resource Sharing
- Service to the citizens of California
- Leadership in Developing Infrastructure to Deliver Information Throughout California

CALIFORNIA DIGITAL LIBRARY

- Resource Sharing
- Service to UC & the citizens of California
- Leadership in Access to Digital Knowledge

eScholarship

Scholar-Led Innovation in Scholarly Communication

GOAL

Influence and Facilitate
the Development of Useful and Innovative
New Models which are
Financially Sustainable

California Digital Library eScholarship

Emerging Partners

Dermatology
Pharmaceutical Sciences
Environmental Sciences
Archaeology
International and Area Studies
Tobacco Control
Physics, Math, Computer Science

University of California

Online Archive of California

UC Special Collections
Special Collections of Several
Other California Institutions
Museum Content
UC Press

DYNAMIC INTERACTION

Policy Innovation

Framework

NEW POLICY DEVELOPMENT

STANDING COPYRIGHT COMMITTEE

[Policy Development]

- Endorse Principles
- Standing Joint Senate/Administration Policy Committee
- Ensure Persistent Access to Owned Materials
- Develop Experiments to Create New Forms of Scholarly Communication

Financial Strategies

- Leverage Current Investments
- New Monies
- Co Investment
- FY 97/98: \$9 Million; FY 98/99: \$13 Million;
 - FY 99/00: \$16 million; FY 00/01: \$20 Million