Collaboration
as a Strategy for
Building a Digital Library

Digital Library Federation Forum
March 31, 2000
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
California Digital Library

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

University of California
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*******
OWNERSHIP  
(Building and Collection Model)

ACCESS  
(Service Model)

1995 ........................................ 20**

California Digital Library

University of California
Traditional Forms of Scientific Communication

Alternative Forms of Scientific Communication

2000 ................................. 20**
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

Functions

eScholarship

Consultation, Training, Service

Information Transfer and Delivery

Collection, Storage, Preservation, Access

University of California
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
Organizational Strategies

• Senior Leadership Team
  Management
  Content
  Education
  Strategic Innovation
  Business Development
  Services
  Technology

• Collaborative Style
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
eScholarship

Emerging Partners

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