



*California Digital Library*

*Collaboration  
as a Strategy for  
Building a Digital Library*

Digital Library Federation Forum  
March 31, 2000

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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*



# 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

## 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\*\*

**Traditional Forms of  
Scientific Communication**

**Alternative Forms of  
Scientific Communication**

2000 ..... 20\*\*

**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



*California Digital Library*

*UC Libraries: A Shared Vision*  
*One University, One Library*

*Complementary* Paper and Digital Collections  
Comprising a Universitywide  
Knowledge Network

Distributed and Personalized  
Information Services

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University of California

*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

*Functions*

*eScholarship*

Consultation,  
Training, Service

Information  
Transfer and  
Delivery

Collection, Storage,  
Preservation, Access

# 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*

- 10<sup>th</sup> 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



**California Digital Library**

***eScholarship***

## **Emerging Partners**

**Dermatology**

**Pharmaceutical Sciences**

**Environmental Sciences**

**Archaeology**

**International and Area Studies**

**Tobacco Control**

**Physics, Math, Computer Science**

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**University of California**

*Online Archive of California*

*UC Special Collections*

*Special Collections of Several*

*Other California Institutions*

*Museum Content*

*UC Press*

# DYNAMIC INTERACTION



# 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