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Latest Curriculum Vitae: http://besser.tsoa.nyu.edu/howard/vita.pdf

Information Studies Publications

Besser, Howard (2019). *The Future of Museums: How will they evolve due to digital changes and in relation to time-based media* in Oliver Grau, Janina Hoth and Eveline Wandl-Vogt (eds.), **Digital Art through the Looking Glass: New strategies for archiving, collecting and preserving in digital humanities**, pages 247-260 (https://www.academia.edu/40089496/Digital_Art_through_the_Looking_Glass_)

Besser, Howard (2017). "Archiving Websites Containing Streaming Media", *Archiving 2017*, (May 15-18 2017 Proceedings), pages 11-13

Besser, Howard (2017). "Brazil Impeachment and Left Media", The Fifth Estate #397, Winter

Besser, Howard (2016). "25 years of digital archives of visual materials: what we've done, what we've learned, and what challenges remain" *Visual Studies*, 31(2), pages 95-108

Besser, Howard (2015). Personal Digital Archiving: Issues for Libraries and a Summary of the PDA Conference, Paper presented at: IFLA WLIC 2015 - Cape Town, South Africa (http://library.ifla.org/id/eprint/1218)

Besser, Howard (2015). "Digital Preservation of Moving Image Material?", In Michele Cloonan's **Preserving Our Heritage: Perspectives from Antiquity to the Digital Age**, Chicago: American Library Association, pages 265-273

Besser, Howard, Sharon Farb, Todd Grappone, and Ali Jamshidi (2014). "Ethics, Technology and the Challenges of Documenting History in Real Time" International Federation of Library Associations 2014 annual conference proceedings (http://library.ifla.org/id/eprint/981)

Besser, Howard (2014). "Commentary on Caroline Frick's Plenary Address", Preservation, Digital Technology & Culture (PDT&C). Volume 43, Issue 1-2, Pages 31–34, ISSN (Online) 2195-2965, ISSN (Print) 2195-2957, DOI: 10.1515/pdtc-2014-1006, April

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Besser, Howard (2013). *Communities of Interest Unite to Save Films* in Michel Marie and André Habib (eds.) **L'avenir de la mémoire: Patrimoine, restauration et réemploi cinématographiques**, Lille France: Septentrion, pages 181-189 (http://books.google.com.co/books?id=lHcQ9EXckkkC&pg=PA191)

Besser, Howard (2013). *Le patrimoine audiovisuel en bibliothèque*, (issue on Patrimoine et transmission) **Takam Tikou**, (http://takamtikou.bnf.fr/dossiers/dossier-2013-patrimoine-et-transmission/le-patrimoine-audiovisuel-en-biblioth-que)

Besser, Howard (2013). *Archiving Aggregates of Individually Created Digital Content: Lessons from Archiving the Occupy Movement*, **Preservation, Digital Technology & Culture. 42**:1, pp 31–37, DOI: 10.1515/pdtc-2013-0005, March

Besser, Howard (2013). "Important Issues in Preservation and Access of Digital Content for Children", Creating the future: preserving, digitizing and accessing all forms of children's and young adults' cultural heritage, Proceedings of International Federation of Library Associations Satellite Conference (http://iflabangkok2013.tkpark.or.th/resources.html)

Besser, Howard (2013). *Archiving Media from the Occupy Movement: Methods for Archives trying to manage large amounts of user-generated audiovisual media*, in Luciana Duranti and Elizabeth Shaffer, **UNESCO's Memory of the World in the Digital Age: Digitization and Preservation (Proceedings of 26-28 September 2012 Conference)**, UNESCO, pages 1432-1439 (http://www.ciscra.org/docs/UNESCO_MOW2012_Proceedings_FINAL_ENG_Compressed.pdf)

Besser, Howard (2012). "Contemporary Art that does not last without being changed: Issues for Librarians", Art Now! Contemporary Art Resources in a Library Context, Nordic Art Libraries Association (www.arlisnorden.org/uploads/6/0/9/2/6092407/art-now-paper-besser.doc)

Besser, Howard, et al (2012). "VIDEO AT RISK: Strategies for Preserving Commercial Video Collections in Research Libraries: Section 108 Guidelines, Dec (http://www.nyu.edu/tisch/preservation/research/video-risk/VideoAtRisk_SECTION108_Guidelines_2013.pdf)

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Besser, Howard et. al. (2001) Preserving Digital Materials: Final Report of the Digital Preservation and Archive Committee, University of California Systemwide Operations and Planning Advisory Group, October 18 http://www.slp.ucop.edu/sopag/DPACFinalReport.pdf *(co-authored with 9 other committee members)*

Besser, Howard (2001). *Intellectual Property: The Attack on Public Space in Cyberspace,* **Processed World** 2.001, Fall, pages 19-27 (http://besser.tsoa.nyu.edu/howard/Papers/pw-public-spaces.html)

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Committee on Intellectual Property Rights and the Emerging Information Infrastructure, National Research Council, National Academy of Sciences (2000). **The Digital Dilemma: Intellectual Property in the Information Age**, Washington: National Academy Press *(co-authored with 17 other committee members)*

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Commission on Preservation & Access and Research Libraries Group, Task Force on Archiving of Digital Information (1996). **Preserving Digital Information** (*http://www.rlg.org/ArchTF/tfadi.index.htm*) (co-authored with 20 other committee members)

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Besser, Howard and Maria Bonn (1996). *The Impact of Distance-Independent Education,* **Journal of the American Society for Information Science 47** (11), November, pages 880-883

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Besser, Howard (1995). *From Internet to Information Superhighway*, in James Brook and Iain A. Boal (eds.), **Resisting the Virtual Life: The Culture and Politics of Information**, San Francisco: City Lights, pages 59-70

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Besser, Howard (1992). *Adding an Image Database to an Existing Library and Computer Environment: Design and Technical Considerations*, in Susan Stone and Michael Buckland (eds.), **Studies in Multimedia** (Proceedings of the 1991 Mid- Year Meeting of the American Society for Information Science), Medford, NJ: Learned Information, Inc, pages 31-45

Besser, Howard (1991). *Advanced Applications of Imaging: Fine Arts*, **Journal of the American Society of Information Science 42**, (8), September, pages 589-596

Besser, Howard (1991). *User Interfaces for Museums*, **Visual Resources 7**, pages 293-309

Besser, Howard and Maryly Snow (1990). *Access to Diverse Collections in University Settings: The Berkeley Dilemma*, in Toni Petersen and Pat Moholt (eds.), **Beyond the Book: Extending MARC for Subject Access**, Boston: G. K. Hall, pages 203-224

Besser, Howard (1990). *Visual Access to Visual Images: The UC Berkeley Image Database Project*, **Library Trends 38** (4), Spring, pages 787-798

Besser, Howard, Robert Yamashita, and Troy Duster (1989). *New Computer Technologies and Social Science Research Methods*, in Lawrence J. McCrank (ed), **Databases in the Humanities and Social Sciences 4:** (Proceedings of the International Conference on Databases in the Humanities and Social Sciences), Medford, NJ: Learned Information, Inc, pages 62-69

Besser, Howard (1988). *Independent Peace Groups and how they make their appeals: Structures, relationships to governmental bodies, and personal empowerment*, **International Seminar for World Peace (Proceedings)**,

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Besser, Howard (1988). *Image Processing Integrated Into a Database for Photographic Images: Applications in Art, Architecture, and Geography,* **Electronic Imaging '88 vol. 2** (Advanced Paper Summaries), Waltham, MA: Institute for Graphic Communication.

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Besser, Howard (1987). *Computers for Art Analysis,* in R. A. Braden, et al. (ed), **Visible & Viable: The Role of Images in Instruction & Communication** (Readings from the 18th Annual Conference of the International Visual Literacy Association), Blacksburg, VA: IVLA

Besser, Howard (1985). *The Meaning Behind Computer Advertising,* in L. W. Miller (ed), **Creating Meaning** (Readings from the Visual Literacy Conference at California State Polytechnic University at Pomona), Silver Spring, MD: IVLA, pages 44-54

Besser, Howard (1983). **Poland: The Making and Unmaking of the News,** Berkeley: ASUC

Besser, Howard (1982). *Mass-Media E Polonia,* **Revista Anarchica 12** (7), October

Besser, Howard (1981). *How the Polish Workers Made the News,* **Journal of Community Communications 4** (2), Spring

Published Bibliographical Works

Besser, Howard, Terry Downs, and Brian Kane (1983). **International Blacklist:** *an Anti-Authoritarian Directory,* Berkeley: ASUC

Besser, Howard and Nancy Goldman (1980). **Film Journals**, Berkeley: ASUC

Provinzano, Linda, Howard Besser, Audie Bock, and Frank Motofuji (1979). **Films in the Collection of the Pacific Film Archive**, Berkeley: University Art Museum

Besser, Howard and Karen Murphy (1978). **UCB Media Resources Available to Film Students**, Berkeley: ASUC

Besser, Howard and Ofra Benjamini (1977). **Film Journals in California Libraries**, Berkeley: ASUC (2nd edition by Howard Besser and Rosemary Clarke published 1978, 3rd edition by Howard Besser and Nancy Goldman published 1981)

Besser, Howard, and Nancy Goldman (1977). **Film-Study Resources at UCB:** *Printed Materials,* Berkeley: ASUC (2nd edition by same authorrs published 1978)

Besser, Howard, Eric Brenner, and Nancy Goldman (1977). **Film-Study Resources at UCB:** *Non-Print Materials & Journals,* Berkeley: ASUC

Media Works

Lunin, Lois F., Howard Besser, and Linda Zirnitis (1990). **Transformation of an Icon,** *Computer Art,* Published in the book **Many Pages** by the Textile Study Group of New York

Besser, Howard (1986). **The Spanish Revolution,** *Video,* Berkeley

Besser, Howard (1976). **The Anarchist Film,** *Unpublished Bachelor's Thesis,* Berkeley

Besser, Howard, Ellen Bernstein, and Ken Dreyfus (1972). **Ready Maid,** *Film,* Berkeley

Besser, Howard (1970). **Strum Your Strumpet,** *Film,* Berkeley

Exramural Sponsored Projects (Grants and Gifts)

Position	Topic	Funding Source	Amount	Dates
Director	Digital Privacy for Librarians and their Communities	IMLS 21st Century Libraries	$450,000	2017-2020
Assessment Director	Archiving the websites of Young Composers	Andrew W. Mellon Foundation	$480,000	2015-2018
Director	Education & Training for Moving Image Specialists	National Endowment for Humanities	$181,000	2014-2016
Director	Education & Training for Moving Image Specialists	IMLS 21st Century Libraries	$350,375	2013-2015
Director	Graduate Education for Moving Image Specialists	National Endowment for Humanities	$164,000	2012-2014
Director	Video At Risk	Andrew W. Mellon Foundation	$522,200	2010-2012
Director	Moving Image Archivists: Training and Research	IMLS 21st Century Libraries	$796,250	2008-2011
NYU Director	Preserving Born-Digital Public Television	National Digital Information Infrastructure and Preservation Program	$540,000	2004-2010
Director	Education and Professional Training for Moving Image Archivists	National Endowment for Humanities	$125,000	2008-2010
Director for MIAP portion ($213,000); Researcher for remainder	Developing Principles and Methodologies for AV preservation in libraries	Andrew W. Mellon Foundation	$636,600	2006-2008
Director	Research on preserving audiovisual material in post-Katrina New Orleans	Center for Catastrophe Preparedness	$14,000	2006
Director	Curriculum Development for Moving Image Archiving Education	National Endowment for Humanities	$350,000	2003-2007
Director	Curriculum Development for Moving Image Archiving Education	Getty Foundation	$136,000	2003-2007
Co-Director (with Aimée Dorr)	Initiative on 21st Century Literacies	Pacific Bell	$1,000,000	2000-01
Recipient	Workstations for Innovative Research	Intel Research	$29,000	1999
Research Team	Making of America II Testbed Project	National Endowment for Humanities	$266,760	1998-99
Director	Web-based Instructional Support for large classes	Anonymous	$270,000	1997-99
Director	Economic and Social Implications of the Production, Distribution, and Usage of Image Data	Andrew W. Mellon Foundation	$250,000	1996-99

Professional Organizations, Committees, Awards

Library of Congress select list of Digital Preservation Pioneers

American Library Association representative to the Audio-Visual & Multimedia Section of the International Federation of Library Associations, 2007-2014

National Archives Electronic Records Preservation Review Panel, National Research Council, National Academy of Sciences, 2002-2004

Preservation Committee, Electronic Literature Organization, 2002-2005

InterPARES Project, International Research on Permanent Authentic Records in Electronic Systems, 2002-2006

Actors/Agents Metadata, International Working Group, National Science Foundation/European Community DELOS, 2002-2005

Preservation Committee, Electronic Literature Organization, 2002-2004

Strategic Architecture, Technology, and Standards Working Group, California Digital Library,University of California Office of the President, 1998-2003

Information Commons Task Force, American Library Association, 2001-2002

Pervasive Computing and Society, UCLA, 2001-2002

Society & Technology, UCLA Chancellor's Campuswide Planning Group, 2001

Task Force on Digital Preservation and Archiving , University of California Systemwide Library Operations and Planning Group, 2001

Pilot Art and Technology Network Planning Committee, The Kitchen (Ford Foundation funded), 2001

Art, Technology, & Intellectual Property, Steering Committee, American Assembly, 2000-2001

Building Blocks, Visual Resources Visual Resources Group, National Initiative for a Networked Cultural Heritage, 2000-01

Steering Committee, Invitational Meeting on Technical Metadata Elements for Image Files (sponsored by National Informational Standards Organization and the Digital Library Federation), 1998-2000

Intellectual Property Study Committee, National Research Council, National Academy of Sciences, 1998-99

Metadata Committee, Digital Library Collaboratory (co-sponsored by European Community and US National Science Foundation), 1998-99

The Economics of Networked Access to Visual Information, Principle Investigator on $250,000 2-year grant from Andrew W. Mellon Foundation, 1996-98

The Outstanding Information Studies Teacher of 1995, American Society for Information Science, 1995

Commission on Preservation & Access and Research Libraries Group, *Task force on Preservation of Digital Information,* 1995-1996

Museum Education Site License Project, *Steering Committee,* 1994-1998

American Association of Museums, *Interactive Multimedia Competition,* Jury Chair, 1994-95

International Standards Organization, *Committee for Coded representation of picture, audio, and multimedia/hypermedia information* (JTC1/SC29), 1991-95

Clearinghouse for Museum Information, 1990-96 *(Board of Directors)*

Computer Professionals for Social Responsibility, 1990-

Museum Computer Network, 1986-2000

International Visual Literacy Association, 1982-1991

Pittsburgh Filmmakers, 1989-93 *(Board of Directors and Chair of long-range planning committee, 1991-92)*

International Visual Literacy Association, 1982-1991

Association for Educational Communication & Technology, 1979-1990

Anarchos Institute, 1982-85

California Library Association, 1983-1989

UC Berkeley Campus Media Coordination Committee, 1976-1988

California Media Library Educators Association, 1978-1988

Committee to Set Standards for a *National Computerized Database for Moving Image Materials* (Library of Congress/National Endowment for the Arts), 1984

American Association for State and Local History, 1986-1989

American Library Association, 1979-

Graduate Courses Taught (pre-2002)

Information and Society
-   UCLA Department of Information Studies, 2000

Visual Materials: Metadata and Best Practices for Digital Libraries
-   UCLA Department of Information Studies, 2000

Digital Collections of Still and Moving Images
-   UCLA Department of Information Studies and UCLA Film & Television Department, 2000

Multimedia: Issues in using Visual Material in Cultural Heritage Organizations
-   UCLA, 2001, 2002
-   UC Berkeley School of Information Management & Systems, and UCLA Department of Information Studies, 1999 *(with Anne Gilliland-Swetland)*

Web Design and Development
-   UC Berkeley School of Information Management & Systems, 1997-99

Impact of New Information Environments: Multimedia and Networks,
-   UCLA Department of Information Studies, 1999-2001
-   UC Berkeley School of Information Management & Systems, 1996-1999
-   UC Berkeley Haas School of Business, 1996-1997
-   Univ of Michigan School of Information & Library Studies, 1995 (as distant learning course)
-   UC Berkeley School of Library & Information Studies, 1993-1995

Protection of Digital Information
-   UC Berkeley School of Information Management & Systems, Berkeley Multimedia Research Center, 1996

Image Databases,
-   University of Michigan School of Information & Library Studies, 1995
-   UC Berkeley School of Library & Information Studies, 1993
-   University of Pittsburgh School of Library & Information Sciences, 1990-92

Organization of Information,
-   University of Pittsburgh School of Library & Information Sciences, 1989-1992

Social Effects of Information Technology,
-   University of Pittsburgh School of Library & Information Sciences, 1992

Applications of Microcomputers,
-   University of Pittsburgh School of Library & Information Sciences, Winter 1990

Computer Approaches to Qualitative Social Science Research,
-   UC Berkeley Sociology Department, 1988

Other Instructional Experience (pre-2002)

Instructor, **Workshop on Digitization Projects for Archives and Special Collections**, Smithsonian Institution, October 29, 2001

Organizer and Facilitator, **Digital Preservation Workshop**, San Francisco Museum of Modern Art, February 2, March 23, and April 13, 2001

Instructor, **Digital Libraries Workshop**,
-   University of Southern California, Los Angeles, July 20, 1999
-   Arizona State Library, Phoenix, July 6, 1999

Instructor, **Metadata Workshop**,
-   UC Systemwide Librarians, Irvine, May 23, 2000
-   UC Systemwide Librarians, Berkeley, May 19, 2000
-   American Library Association, San Antonio, January 16, 2000
-   Library & Information Technology Association, Raleigh, November 5, 1999
-   American Society for Information Science: DC October 30, 1999; Pasadena May 23, 1999
-   Computers in Libraries, DC, March 1, 1998

Instructor, **Distance Education Workshop**,
-   University of Southern California, Los Angeles, July 21, 1999

Instructor, **Workshop on Advanced Issues in Image Databases**,
-   Chicago Library Systems, Chicago, October 21, 1997
-   Museum Computer Network, Ottawa, October 30, 1996
-   Electronic Imaging and the Visual Arts, London, July 23, 1996

Instructor, **Image Databases Mini-Course**,
-   American Society for Information Science, Pittsburgh, October 25, 1998; DC, November 1, 1997; Scottsdale, June 1, 1997; and Baltimore, October 20, 1996
-   FUNARTE-Brazilian National Foundation for the Arts, Rio de Janeiro, August 9-15, 1997
-   Association for Image Information Management, Chicago, April 2, 1996
-   National Online, New York, May 1, 1995 and May 13, 1994
-   American Society for Information Science: Minneapolis, May 23, 1995, Alexandria VA,   October 20, 1994, Columbus OH, October 24, 1993, and Knoxville, May 23, 1993
-   New England ASIS, Harvard Graduate School of Design, Cambridge, MA, October 6, 1993
-   Optical Information Systems, Washington, DC, September 10, 1990
-   Italian Association for Computing Machinery, Milan, November, 1990 and May, 1990

Instructor, **Image Databases for Museums: A Mini-Course**,
-   Walker Art Center, Minneapolis, October 28, 1997
-   Canadian Heritage Information Network, Ottawa, October 29, 1996
-   International Conference on Hypermedia and Interactivity in Museums, Museum Computer   Network, San Diego, October 10, 1995
-   International Documentation Committee, International Council of Museums, Washington,   August 31, 1994
-   Northeast Museum Computer Network, Boston, February 1, 1994
-   Museum Computer Network, Seattle, November 3, 1993 and Pittsburgh, October 28, 1992
-   International Conference on Interactivity and Hypermedia in Museums, Museum   Documentation Association, Cambridge, UK, September 21, 1993

Instructor, **Image Databases for Librarians Short Course**,
-   Chicago Library System, October 20, 1997
-   Library & Information Studies Continuing Education, Madison, April 14, 1997
-   Great Lakes Conference, Special Libraries Association, Chicago, March 22-23, 1995
-   UCLA, January 17, 1995
-   Committee for Interinstitutional Cooperation, Chicago, November 10-11, 1994
-   University of Illinois, Champaign, November 2, 1994
-   McGill University, School of Library Science, Montreal, June 14, 1994

Instructor, **Image Databases for Art Librarians**, Art Librarian Society of North America, San Francisco, January 30, 1993

Instructor, **Using Computers in Qualitative Research**, American Sociological Association Teaching Services Program Workshop, Stanford University, July 1987

Co-Instructor, **Production of Mediated Programs**, UC Berkeley Graduate School of Education, 1983-1986

Instructor/Consultant, **Computer and Media Operation and Interfacing,** UCB Graduate School of Education, 1977-1986

Co-Instructor, **The Art, Science, and Techniques of Video Utilization; An Innovative Institute,** American Orthopsychiatric Convention, 1978

Summer 2001 Additional Public Outreach

Interviewee on National Public Radio	*New York Times Archive,* **All Things Considered**, 6/29/01, http://www.npr.org/ramfiles/atc/20010629.atc.17.ram
Author of article on how Supreme Court Intellectual Property decision will affect scholarship	*Publishers Should Preserve E-Record,* **UCLA Today** 22:1, July 31, 2001, page 7 http://www.today.ucla.edu
Interviewee for newspaper article	*Freelancers Own Electronic 'Reprints',* **Los Angeles Times**, 6/26/01

Talks, Guest Lectures, and Papers Delivered (until 2002)

The Case for an Information Commons: Responses to the Current Copyright Environment	BayNet Library Network, San Francisco, May 22, 2002
Adaptive Design: Repurposing Museum Content for Different User Groups	American Association of Museums, Dallas, May 14, 2002
Adaptive System Design and Digital Divide Policy	Seminar on Information Access, School of Information Management & Systems, UC Berkeley, April 26, 2002
Preserving New Media: Issues in Saving the Orphan/Ephemeral/Experimental Films of the Future	Department of Cinema Studies, New York University, April 11, 2002
Problems of Preserving Electronic Literature	Electronic Literature Organization, April 6, 2002
Commodification of Information: The Disappearance of Public Space in Cyberspace	I T Littleton Invitational Seminar, North Carolina State University, Raleigh, April 2, 2002
Commodification of Information and the Assault on Public Space	Golden Gateway Library Network, San Francisco, March 19, 2002

International Standards, Collaboration, and Interoperability	International and Comparative Library & Information Studies, UCLA, March 5, 2002
Values-Based Design	Center for Information Technology Research in the Interest of Society, UC Berkeley, March 1, 2002
Moving from Isolated Digital Collections to Interoperable Digital Libraries	Victorian Association for Library Automation, Melbourne Australia, February 8, 2002 *(keynote)*
The Importance of Information Literacy to University Faculty	University of La Verne Faculty Retreat, UCLA Lake Arrowhead Conference Center January 30, 2002
Recent Digital Preservation Activities	National Initiative for a Networked Cultural Heritage, Los Angeles, December 8, 2001
Building Blocks: Getting Projects Done	National Initiative for a Networked Cultural Heritage, Los Angeles, December 7, 2001
Administrative, Longevity, and other Metadata	School for Scanning, Delray Beach, December 7, 2001
Digital Divide Policy and Adaptive System Design	Coalition for Networked Information, San Antonio, November 30, 2001
Implications of the Wireless Society	9/11 -- Networks to Nanosystems, UC Digital Arts Research Network, UCLA, November 13, 2001 *(panelist)*
Design Principles for Information Delivery Systems: The UCLA/PACBELL Initiative for 21st Century Literacies	American Society for Information Science, Washington, November 6, 2001 *(poster)*
Research and Education for Information Professionals	Resolution to Representation: Current Research in Digital Imaging and the Education of Digital Image Managers, American Society for Information Science, Washington, November 5, 2001
Commodification of Culture Harms Creators	American Library Association Information Commons retreat, Wye River Maryland, November 3, 2001
Why 21st Century Literacies Matter	Technology Marketplace: Unlocking Technology's Productivity Potential, Pleasanton, CA, October 23, 2001
What is an Information Commons and Why Should We Care?	Nurturing the CyberCommons, Computer Professionals for Social Responsibility, Ann Arbor, October 19, 2001 *(keynote)*

Intellectual Property Issues for the University

Intellectual Property, Copyright, & the Internet: Scholarship in the Digital Age, UC Santa Barbara, October 12, 2001

Intellectual Property Issues for Multimedia

NINCH Copyright Town Hall Meeting, New York Public Library, September 24, 2001

Longevity of Electronic Art

International Cultural Heritage Informatics Meeting, Milan, September 5, 2001

Preservation of Variable Media

The Arts & Streaming Media, California Digital Arts Workshop, American Film Institute, Los Angeles, August 17-18, 2001

Partnerships Between Collections that are Different: The California Digital Library

UCLA/Getty Summer Institute for Knowledge Sharing, Los Angeles, August 9, 2001

Introduction to Special Collection Digitization Projects

UCLA/Getty Summer Institute for Knowledge Sharing, Los Angeles, August 6, 2001

Digital Longevity: Problems and Policy

Colorado Cultural Heritage Collaboration in the Digital Age, Denver, June 29, 2001

Contextualizing Anarchism throughout History

History of Anarchism, La Peña Cultural Center, Berkeley, June 20, 2001

Introduction to Metadata for Digital Asset Management

Collaborative Collection Development of Web Resources, Library Information Technology Association, American Library Association, San Francisco, June 16, 2001

The Napster Phenomenen: Why Should Librarians Care?

I Want My MP3: Intellectual Property and Libraries, American Library Association, San Francisco, June 16, 2001

Metadata for Digital Asset Management

Preservation Seminar on Microfilming and Digitization, Belo Horizante, Brazil, June 1, 2001

Planning to Maximize Longevity of Digital Information

Preservation Seminar on Microfilming and Digitization, Belo Horizante, Brazil, May 31, 2001 *(keynote)*

How can we save digital information?

Panel, Digital Information: Access and Preservation in a Changing World, Academic Business Librarians Exchange, California Association of Research Libraries, Stanford, May 25, 2001

Digital Longevity, Preservation, and Access

Digital Longevity: Access and Preservation in a Changing World, Academic Business Librarians Exchange, California Association of Research Libraries, Stanford, May 25, 2001

Services, Users, and a Social Mission

The Digital Library, TextOneZero Electronic Publishing Conference, Brooklyn, May 23, 2001

The New Information Environments: Helping Content Persist Over Time

TextOneZero Electronic Publishing Conference, Brooklyn, May 22, 2001

Digital Documents: Longevity and Copyright Issues

Organization of American Historians, Los Angeles, April 27, 2001

Disappearing Public Spaces: A Metaphor for the Disappearing Public Domain

Art Library Society of North America, Los Angeles, April 3, 2001

Copyright as Commodification of Information

Bay Area Anarchist Conference, March 25, 2001

Preserving Moving Image Materials

Archiving & Media Production in the Digital Age, UCLA, March 16, 2001

A Research Agenda

PhD Student Forum, UCLA, March 15, 2001

Metadata for Planning

School for Scanning, Habana Cuba, March 8, 2001

Adaptive Systems: Bridging the Gap

To Have & Have-Not, Visual Resources Association, Chicago, February 28, 2001

Longevity of Complex Works

Seminar on Information Access, School of Information Management & Systems, UC Berkeley, February 16, 2001

Art in a Digital World: Technology & Intellectual Property

Art, Technology, & Intellectual Property, American Assembly, Harriman NY, February 9, 2001

Moving from Isolated Digital Collections to Interoperable Digital Libraries, Museums, & Archives

Missouri Statewide Digitization Conference, St. Louis, February 8, 2001 *(keynote)*

Longevity of Digital Art

San Francisco Museum of Modern Art, Seminar on Digital Preservation, San Francisco, February 2, 2001

Information Literacy: Beyond Users to Design: the UCLA/Pacbell Initiative for 21st Century Literacies

Coalition for Networked Information, San Antonio, December 7, 2000

Copyright Dangers: Implications for Public Access

Digital Dilemma: Intellectual Property in

the Digital Age, National Academy of Sciences, UCLA, November 28, 2000

PhD Student Research on Moving Images Association of Moving Image Archivists, Universal City CA, November 18, 2000

The Digital Dilemma Public Policy, UCLA, October 30, 2000

Design Issues for 21st Century Literacies California Association of Philosophers of Education, UCLA, October 29, 2000

UCLA/Pacbell Initiative for 21st Century Literacies National Forum on Information Literacy, DC, September 25, 2000

Visual Resources and New Information Technologies Building Blocks, National Initiative for a Networked Cultural Heritage, September 23, 2000

Digital Imaging: What's in the Future? School for Scanning, Seattle, September 20, 2000

Educating Museum Professionals Museum Computer Network, Las Vegas, September 8, 2000

What's So Special About Electronic Art?: Issues in Conservation of Digital Works Museum Computer Network, Las Vegas, September 8, 2000

Information Literacy: Beyond Users to Design Museum Computer Network, Las Vegas, September 7, 2000 *(keynote)*

Digital Asset Management: An Academic View Building the Archive, Seybold Publishing Conference, San Francisco, August 29, 2000

Digital Longevity Knowledge Sharing Institute, UCLA, August 4, 2000

UCLA/Pacbell Initiative for 21st Century Literacies Digital Divide, National Academy of Sciences, Menlo Park, August 3, 2000

Planning for Digital Projects: Interoperability and Standards Knowledge Sharing Institute, UCLA, July 31, 2000

Museums and Technology: What Business are we really in? California Association of Museums, San Jose, July 29, 2000 *(keynote)*

The Future of Digital Imaging Digital Imaging Preconference, Library Information Technology Association, Chicago, July 7, 2000

Emerging Standards for Complex Works JISC, Stratford-upon-Avon, June 16, 2000

The Digital Dilemma: Intellectual Property in the Information Age JISC, Stratford-upon-Avon, June 14, 2000

Saving Conservation Documents Over Time

Emerging Technologies, American Institute for Conservation, Philadelphia, June 11, 2000

What's so Special About Electronic Art? Issssues in Conservation of Digital Works

The Preservation Imperative, American Institute for Conservation, Philadelphia, June 9, 2000

Image Metadata Issues

Challenge of Information Retrieval, Brighton UK, May 5, 2000 *(keynote)*

Pornography and New Technology Research

GSE&IS Faculty Executive Committee, UCLA, April 20, 2000

The Disappearing Public Domain: what is it, what's happening to it, and why should we care?

Public Domain: Implied, Inferred, and In Fact, NINCH Town Meeting on Intellectual Property, Visual Resources Association, San Francisco, April 5, 2000

Issues in Archiving and Access to Rich Media

Internet Archive Colloquium 2000, San Francisco, March 9, 2000

Digital Delivery of Instructional Support Materials: How will our learning institutions change?

Learning Resources Association of California Community Colleges, Sacramento, March 3, 2000 *(keynote)*

Multimedia Librarianship: What the Next Generation Librarian Needs to Know

Association of Library & Information Science Educators, San Antonio TX, January 13, 2000

Research Results from Multi-Institutional Collaborative Digital Image Distribution

Great Plains Image Bank Consortium, Austin TX, January 7, 2000

Impact of technological and economic changes on social institutions and daily life

Information in Society, UCLA, Los Angeles, December 7, 1999

Copyright and Digital Information

Contemporary Issues in National Information Policy, UCLA, Los Angeles, December 6, 1999

University Digital Image Distribution: Results of a Study

EDUCAUSE, Long Beach CA, October 28, 1999

Research into Image Distribution Costs and Use

SIMS Affiliates, School of Information Management & Systems, UC Berkeley, October 22, 1999

Recent Digital Imaging Issues

Electronic Images in Libraries, University of North Texas, Denton, October 19, 1999

Textbook Methodology Confronts Reality in Digital Libraries: Lessons from studies of a multi-site digital image distribution project

UCLA Department of Information Studies Colloquium, Los Angeles, October 14, 1999

Image and Metadata Distribution at 7 University Campuses: Reports from a Study of the Museum Educational Site Licensing Project

Third European Conference on Research and Advanced Technology for Digital Libraries, Paris, September 22, 1999

The Library of the Future

Information Futures Institute, San Francisco, September 18, 1999

Network Access to Visual Information: A Study of Costs and Uses

International Federation of Library Associations, Bangkok, August 24, 1999

Making of America II: Structural & Administrative Metadata for Distributed Digital Libraries

Digital Libraries '99, Association for Computing Machinery, Berkeley, August 12, 1999

OAC as an example of Special Collection Digitization: the Collection, the Institution, Scholarship, Interoperability, Longevity

Getty/UCLA Summer Institute for Knowledge Sharing, Los Angeles, August 3, 1999

Implications in Digitizing Special Collections Materials

Rare Books & Manuscripts, American Library Association Pre-Conference, Montreal, June 23, 1999 *(keynote)*

Metadata, Images, and Digital Libraries

School for Scanning, Chicago, June 2, 1999

Network Access to Visual Information: a Study of Costs and Use

American Society for Information Science, Pasadena, May 25, 1999

Structural and Administrative Metadata for Distributed Digital Libraries: the Making of America II Project

American Society for Information Science, Pasadena, May 24, 1999

Providing Network Access to Visual Information: Results from a study of the Museum Educational Site Licensing Project

Electronic Imaging and the Visual Arts, New York Museum of Modern Art, May 21, 1999

Image Metadata

Standards Issues for Museums, Electronic Imaging and the Visual Arts, New York Museum of Modern Art, May 21, 1999 *(keynote)*

Issues in Electronic Publication of Image Databases: Report from a study of the Museum Educational Site Licensing Project

Electronic Publishing '99, Ronneby Sweden, May 11, 1999

 Copyright and Distance Education

Information Resources for the 21st Century: Content, Access, People, EDUCAUSE & Coalition for Networked Information, Portland Oregon, May 6, 1999

Recent Findings from Multi-Institution Digital Image Distribution Projects

Coalition for Networked Information,, Washington DC, April 27, 1999

Instructional Support Material on the Web: Collaborative

Coalition for Networked Information,,

Efforts Washington DC, April 26, 1999

Why is Image Metadata Important? Workshop on Technical Metadata Elements for Images, National Information Standards Organization & Digital Library Federation, Washington DC, April 18, 1999

Using Digital Images on Campus: Lessons from the Museum Educational Site Licensing Project and its descendants Association of College & Research Libraries, Detroit, April 9, 1999

The UCB Mellon Grant Studying MESL: What Have We Learned about Digital Image Distribution Visual Resources Association, Los Angeles, February 13, 1999

Why Copyright Exemptions for Distance Learning Need to Continue Copyright Office Hearings on Distance Education And the Millenium Copyright Act, Los Angeles, February 10, 1999

Compression Poses Longevity Problems Issues in Compression of Digital Images, ALCTS/PARS Reformatting Section, American Library Association, Philadelphia, January 31, 1999

Designing and Maintaining Online Curriculum Support Materials Distance Learning Forum, American Library Association, Philadelphia, January 31, 1999

Designing Websites for Large Undergraduate Classes Berkeley Multimedia Research Center Retreat, Berkeley, January 14, 1999

Project Planning for Digitization: Where are we and where are we going? School for Scanning, New Orleans, December 7, 1998

Metadata, Images, and Digital Libraries School for Scanning, New Orleans, December 8, 1998

Issues and Cautions for Museum Images in a Digital Environment Current Issues in Intellectual Property, American Association of Museums, December 4, 1998

Recent Copyright Changes: Dangers to the Public Interest University of San Francisco, November 3, 1998

Information Technology and changes to the Social Fabric Information in Society, UCLA School of Education & Information, Los Angeles, November 2, 1998

Teaching with Advanced Technology Center for Western European Studies, UC Berkeley, October 21, 1998

Structural and Administrative Metadata for Distributed Digital Libraries Making of America II, Digital Library Federation, New York, September 29, 1998

Continuing Education for Cultural Heritage Information Museum Computer Network, Santa

Professionals	Monica, September 26, 1998
The UCB Mellon Grant Studying MESL: What Have We Learned about Digital Image Distribution & Museums?	Museum Computer Network, Santa Monica, September 25, 1998
Imaging: Quality Control, Preservation, Longevity	Collaborative Planning for Digitization, Western Council of State Librarians, Denver, September 19, 1998 *(keynote)*
Web-based Instructional Support	Webnet Developers, UC Berkeley, September 15, 1998
Digital Image Distribution on University Campuses	Technology & the Arts, American Library Association, Washington, June 28, 1998
Copyright & the Suppression of Access to Digital Information: Attacks on the Concept of Fair Use	Union for Democratic Communications, University of San Francisco, San Francisco, June 13, 1998
Assessing Digital Distribution of Images and Metadata	National Online Conference, New York, May 14, 1998
The Making of America II: Structural and Administrative Metadata for Distributed Digital Libraries	School of Information Management & Systems, UC Berkeley, May 8, 1998
Delivery, Deployment, and Use of Digital Images: Lessons from a major University/Museum Consortial Project	Xerox PARC Forum, Palo Alto, April 30, 1998
Dissemination of Images on University Campuses: Preliminary Results of a Mellon-sponsored study of the Museum Educational Site Licensing Project	Coalition for Networked Information, Crystal City VA, April 15, 1998
Image Databases and Digital Libraries	Vassar College, Poughkeepsie, March 26, 1998
Issues in Migration of Information to New Systems: the Value of Metadata	Information Ecosystems Conference, National Archives, College Park, March 12, 1998
Planning Information Management Systems to Maximize Longevity	Information Ecosystems Conference, National Archives, College Park, March 10, 1998
Digital Libraries, Metadata, and Longevity	Computers in Libraries, Crystal City VA, March 2, 1998
Fair Use and Licensing	Copyright Town Hall Meeting, College Art Association, Toronto, February 26, 1998
Long-term Preservation of Digital Material	Time and Bits, Los Angeles, February 8, 1998
Creating and Revamping Course Websites	Tools for Classroom Technology, Berkeley Multimedia Research Center, Berkeley,

January 13, 1998 *(keynote)*

Imaging: What have we learned? What must we still learn?
School for Scanning, New York City, November 5, 1997

Digital Technology: Where Are We?
School for Scanning, New York City, November 3, 1997 (keynote address)

Distance Learning
American Council of Learned Societies, Houston, October 30, 1997

Different Query Systems on Identical Data Sets
Coalition for Networked Information, Minneapolis, October 27, 1997

Intellectual Property: Distribution Issues for Museums
Museum Computer Network, St. Louis, October 18, 1997

Professional Standards for Museum Documentation
Museum Computer Network, St. Louis, October 16, 1997

Emerging Metadata Standards
Museum Computer Network, St. Louis, October 15, 1997

Images & Text: Teaching, Using, and Saving
Mixed Messages, Univ of North Carolina, Charlotte, October 12, 1997

Comparing Five Implementations of the Museum Educational Site Licensing Project
International Conference on Hypermedia and Interactivity in Museums, Paris, September 5, 1997

Business and Military Influences on the Contemporary Library
"The Cold War: Social Science Research, Scholarly Communication, and the Development of New Information Resources", ACRL Anthropology & Sociology Section, American Library Association, June 29, 1997

Commentary
"Universal Access Tomorrow: Silicon Valley Meets the Library", LITA Technology and Access, American Library Association, San Francisco, June 28, 1997

The Variety of Displays for a Single set of Museum Images
Houston Museum of Fine Arts, Houston, June 16, 1997

Metadata Issues for Digitized Photographic Collections
Digitizing Photographic Collections Conference, Rochester, June 8, 1997

Options for Protection of Digital Images: Watermarks, Signatures, & Encryption
Protection and Rights Management Schemes for Digital Images, American Society for Information Science, Scottsdale, June 4, 1997

Security and Intellectual Propterty Management Systems: Social
Protection and Rights Management

and Cultural Impact
Schemes for Digital Images, American Society for Information Science, Scottsdale, June 4, 1997

Issues in Scanning
(daily commentary and summary) School for Scanning, National Park Service and Northeast Document Conservation Center, Berkeley, May 12-14, 1997

The Erosion of Public Protection: Attacks on the Concept of Fair Use
Copyright Ownership and Fair Use in an Age of Licensing, Boalt Hall School of Law, UC Berkeley, May 10, 1997

The Future
Cybersemester, UC Berkeley, April 22, 1997

Privacy and Medicine in the New Information Environment
Technology and Public Health, School of Public Health, April 17, 1997

Issues in Delivering Images and Text from Diverse Environments via University Information Systems
Berkeley Multimedia and Graphics Seminar, Computer Science Department, UC Berkeley, April 16, 1997

Integrating Collections Management Information into Online Exhibits: The Worldwide Web as a facilitator for linking 2 separate processes
Museums and the WorldWide Web, Los Angeles, March 19, 1996

Issues in Delivering Images and Text from Diverse Environments Via University Information Systems: Lessons from the Museum Educational Site Licensing Project
Department of Library & Information Science, UCLA, Los Angeles, March 4, 1997

Copyright for Multimedia Producers
Internet Webvideo Studio, UC Berkeley, February 19, 1997

Observations on Teaching with Technology
New Media Teaching and Learning Technologies, UC Berkeley, February 16, 1997

Protection of Digital Information
Berkeley Multimedia Research Center, UC Berkeley, February 16, 1997

Distance Learning in the Humanities & Social Sciences: Doing it, Supporting it, and Looking at its Impact
Advanced Information Technologies Group and Digital Library Research Program, University of Illinois, Urbana, February 10, 1997

Metadata Standards for Visual Images
Museum Computer Network, Ottawa, November 1, 1996

Retrieval and Study of Digital Images: Lessons from the Museum Educational Site Licensing Project
Digital Imagery: Photographs and Art, American Society for Information Science, Baltimore, October 22, 1996

Current Developments in Imaging Standards
National Information Standards Organization, American Society for

Information Science, Baltimore, October 22, 1996

The Museum Educational Site Licensing Project: The Library's Role in Multi-Institution Distribution of Digital Images
Joint National Conference of the Library Information Technology Association and the Library Administration & Management Association, Pittsburgh, October 15, 1996

Impact of Information Commercialization: The Downside
Joint National Conference of the Library Information Technology Association and the Library Administration & Management Association, Pittsburgh, October 14, 1996

Image Metadata: What do we need?
(plenary) CNI/OCLC Workshop on Metadata for Digital Images, Dublin Ohio, September 24, 1996

What have we learned? What must we learn?
(closing plenary) School for Scanning, National Park Service/Smithsonian, September 13, 1996

Threats to Public Access in the Digital Age
San Francisco Public Library, San Francisco, August 7, 1996

Issues in Image Delivery and Deployment: Lessons from the Museum Educational Site Licensing Project
Electronic Imaging and the Visual Arts, London, July 25, 1996

Resources for Image Databases
Digital Library Clinic, Berkeley, July 18, 1996 and August 1, 1996

Distribution of Images from Museums to Universities: The Museum Educational Site Licensing Project
Technology and the Arts, American Library Association, New York, July 8, 1996

The Museum Educational Site Licensing Project: Distribution and Deployment Issues
American Society for Information Science, San Diego, May 22, 1996

Distant-Independent Learning
American Society for Information Science, San Diego, May 21, 1996

Distant-Independent Learning
Community Networking Conference, Taos, May 16, 1996

Lessons from the Museum Educational Site Licensing Project
Coalition for Networked Information, Washington, March 26, 1996

Image Databases: The First Decade, the Present, and the Future
Illinois Clinic on Digital Image Access and Retrieval, Champaign, March 24, 1996 *(keynote)*

Hypermedia in Support of Distant-Independent Education
Hypertext '96, Association for Computing Machinery, Bethesda, March 20, 1996

Developing a New Curriculum for Digital and Multimedia Publishing

Computers in Libraries, Washington DC, February 29, 1996

Networked distribution of digital images: The Museum Education Site License Project

Computers in Libraries, Washington, DC, February 28, 1996

Art Resources on the Internet

College Art Association, Boston, February 21, 1996

Collaboration and Sharing: The Museum Education Site License Project

Information Highways and Byteways, American Association of Museums, San Francisco, February 16, 1996

Issues in Cataloging Digital Files

New York State Library, Albany, February 5-6, 1996

Interactive Distance-Independent Education: Challenges to Traditional Academic Roles

Association for Library and Information Science Education, San Antonio, January 18, 1996

Building a Curriculum for Digital Documents

Hawaii International Conference on System Sciences, Maui, January 4, 1996

Authenticity, Ownership, & Commercialism of Digital Images

Ethics of the Internet, UC Berkeley, November 18, 1995

Using Multimedia and Networks to Teach about Museums: Issues in Maintaining a WWW Site to Facilitate Distance Learning

Hands-On: The International Conference on Hypermedia and Interactivity in Museums, San Diego, October 12, 1995

Imaging: The Myth and the Mysticism

Michigan ASIS, Detroit, September 26, 1995

Converging Media, Converging Corporate Interests: The Impact of Digital on Libraries

Institute on Motion Media and the Library of the Future, Austin, August 4, 1995

Multimedia Issues on the WorldWide Web

International Business Programs, University of California Extension, Berkeley, July 18, 1995

The Museum Education Site License Project

Time, Space, & Distance: The Future of Preserving & Accessing the Past, Charlotte, June 2, 1995

Teaching With Electronic Documents

American Society for Information Science, Minneapolis, May 25, 1995

Privacy, Security, and Ownership of Health Information

Technology and Public Health, School of Public Health, University of California, Berkeley, April 28, 1995

Defining Digital Images: Versions, Editions, and Derivative Images

Coalition for Networked Information, Washington, April 10, 1995

Authenticity in Cyberspace

Ethics of the Internet, School of Library & Information Studies, University of California, Berkeley, April 8, 1995

Update on Imaging Standards and Activities

School of Library & Information Studies, University of California, Berkeley, February 24, 1995

The Future of Public Libraries

Maryland Association of Public Library Administrators, Solomon's Island, MD, February 23, 1995

Introduction to Electronic Imaging

Visual Resources Association, San Antonio, January 26, 1995

Images and the Research Library

New York Public Library Trustees, New York, December 12, 1994

Developing Curriculum for Digital Documents

New frontiers: graphic design in emerging technologies, American Institute of Graphic Artists, Boston, December 11, 1994

What is an Archival Image?

George Eastman Lecture, Optical Society of America, Rochester, December 6, 1994

Images, Storage, Bandwidth, Architectures

Electronic Publishing, School of Information & Library Studies, University of Michigan, Ann Arbor, November 14, 1994

Social and Cultural Aspects of Advanced Information Technology

School of Library & Information Studies, University of Illinois, Champaign, November 3, 1994

Museums, Networks, Multimedia, & Libraries

School of Library & Information Studies, University of Illinois, Champaign, November 3, 1994

Hot Topics: Pornography

American Society for Information Science, Alexandria Virginia, October 19, 1994

Standards for Imaging and Multimedia

American Society for Information Science, Alexandria Virginia, October 17, 1994

Understanding and planning for Digital Imaging Projects

Digitization and the Creation of Virtual Libraries, VTLS, Mountain Lake Virginia, September 19, 1994

Planning an Intergrated Museum Information Management System

Museum Computer Network, Washington, September 2, 1994

Progress Towards Implementing Open Exchange: Images and Multimedia

Museum Computer Network, Washington, September 2, 1994

Technical Standards Issues facing Image Databases University of California Systemwide Academic Computing Services Conference, Berkeley, July 25, 1994

Image Databases Access to Digital Images: Finding your way in the Labyrinth, Library Information Technology Association, Optical Information Systems Interest Group, American Library Association, Miami, June 26, 1994 [LITA Newsletter 15:4, Fall 94, pp 27-28]

The Information Highway Has Many Potholes The NII: Universal Access or Information Apartheid, Social Responsibilities Roundtable, American Library Association, Miami, June 25, 1994

Video and the Information SuperHighway Emerging Technologies: Dilemma or Challenge to Video Services in Libraries, ALA Video Round Table, American Library Association, Miami, June 25, 1994

The Future of Video Acquiring Librarians Want to Know: Acquisition and Collection Development of Video Resources, Association for Library Collections & Technical Services, American Library Association, Miami, June 25, 1994

Social Change from using digital images Curatorial Use of Images: Working Group for Digital Imaging, George Eastman House, Rochester, June 4, 1994

Using Internet Resources to Teach About Internet Impact American Society for Information Science, Portland, OR, May 23, 1994

Architectures for Image Databases Canadian Centre for Imaging and Sound, Vancouver, BC, May 14, 1994

High End Multimedia Applications and the Internet American Association of Museums, Seattle, April 27, 1994

The Global Village: Navigating the Internet American Association of Museums, Seattle, April 27, 1994

Networks and Imaging for Museums Museum Trustee Association, Seattle, April 22, 1994

An Imaging Primer: Application Areas, Technical Processes, and Important Issues IBM Informa Conference, Mobile, April 17, 1994

High End Imaging Applications for Museums Institute of Information Technology, National Research Council of Canada,

Ottawa, March 31, 1994

Image Databases: The Past, the Present, the Future

School of Information and Library Studies, University of Michigan, Ann Arbor, March 7, 1993

Providing Research Tools to Exhibition Attendees: An Interactive Workstation for 3-D visualization of Historic Urban Data

Museum Computer Network, Seattle, November 5, 1993

Multimedia Standards

Museum Computer Network, Seattle, November 4, 1993

Geographic-related Tools for Architecture and City Planning

Imaging/Imagining, New England ASIS, Harvard Graduate School of Design, Cambridge, MA, October 7, 1993

Visualization of Historic Urban Data

International Conference on Hypermedia and Interactivity in Museums, Museum Documentation Association, Cambridge, UK, September 24, 1993

Standards for Multimedia on Networks

The Inter-Op Conference, San Francisco, August 27, 1993

3-D Visualization of 18th Century Montreal

Technology and the Arts: High Tech Approaches to Architecture and City Planning Information, American Library Association, New Orleans, June 28, 1993

Planning for Imaging of Collections

McGill University, Montreal, June 22, 1993

Standards Issues for Color

American Society for Information Science, Knoxville, May 26, 1993

Image Database Issues for Libraries

UC Berkeley Library Forum, University of California, Berkeley, May 19, 1993

To MARC or not to MARC

Association of Moving Image Archivists, San Francisco, December 12, 1992

Technical Issues of Multimedia

Multimedia and Networking, Network Advisory Committee, Library of Congress, Washington, DC, December 8, 1992

Digitization of Art Images: Visualizing Historic Data

American Society for Information Science and Museum Computer Network (joint session), Pittsburgh, October 29, 1992

Image Databases: A Workshop

Advances in Information Technology Applied to Libraries, University of Puerto Rico, Rio Peidras Campus, San Juan October 9, 1992

Multimedia Databases   III Semana de Ingenieria En Systemas Computacionales, I.T.E.S.O. University, Guadalajara, Mexico, September 24, 1992

Managing Visual Collections   School of Library Science, McGill University, Montreal, September 18, 1992

Access to Images: Issues of Compression and Standards   Library Information Technology Association, Denver, September 16, 1992

Arts on the Cutting Edge: Organization, Display, & Distribution of Visual Information   ACRL Arts and Technology, American Library Association, San Francisco, June 29, 1992

Images in the OPAC   LITA Emerging Technologies Section, American Library Association, San Francisco, June 28, 1992

The Challenge of Distributing Multimedia Information   Workshop on Electronic Texts, Library of Congress, Washington, June 9, 1992 [pages 38-40 of Workshop Proceedings, published by LC and edited by James Daly]

Access to Cultural Information: Multimedia, Networks, and the Transformation of Museums & Libraries   Information and Computer Science, University of California, Irvine, April 29, 1992

The ABCs of Electronic Visual Imaging: Visual Media   Art Library Society of North America, Chicago, February 11, 1992

Emerging Technologies and the education of art librarians and visual resources professionals   Art Library Society of North America, Chicago, February 9, 1992

Educational Computing: Social Considerations -- Education as a Marketplace   Association for Educational Communications and Technology, Washington, February 8, 1992

Trends in Library Automation: Film and Video Collections   School of Library & Information Studies, University of California, Berkeley, November 26, 1991

A Vision of the Future: How Might a Geographic User Interface Join Together Interdisciplinary Information?   American Society for Information Science, Washington, DC, October 28, 1991

Information Retrieval or Instruction? Combining the differing multi-media information needs of Museums, Universities, and Libraries   International Conference on Hypermedia and Interactivity in Musuems, Pittsburgh, PA, October 15, 1991

Multiuser Image Databases   National Federation of Abstracting and Information Services, Newsletter, Vol. 3, no. 10, October 1991, pages 125-126

Adding an Image Database to an Existing Library and   American Society for Information Science

Computer Environment: Design and Technical Considerations	Midyear Conference, Santa Clara, CA, April 28, 1991
Moving Images: A History of Cataloging Standards and a Proposal for using digitally stored film to teach cinema	Multimedia and Advanced Technology, UC Berkeley Computer Science Department, March 7, 1991
Extending Retrieval Systems to Include Images: What do we need to consider?	OCLC Distinguished Seminar Series, Dublin, Ohio, February 27, 1991
Managing Collections of Images	Columbus Ohio American Society for Information Science, Columbus, Ohio, February 26, 1991
Multi-Media User Interfaces	Interface 2000 -- New technologies for User Interaction, American Society for Information Science, Toronto, November 5, 1990
The Current State of Computer-Based Image and Multimedia Databases	Optical Information Systems, Washington, DC, September 12, 1990
Managing Images in Museums, Archives, and Libraries	Indian Library Association, New Delhi, July 13, 1990
Digital Technology for Preservation of Photographs and Slides	ACRL Arts Section, American Library Association, Chicago, June 25, 1990
Scanning of High Resolution Color and Black & White Images	"Optical Scanning -- The Image of Information", LITA preconference, American Library Association, Chicago, June 21, 1990
Delivery of High Resolution Images Across a Network	"Delivery of Information and Materials Between Libraries: The State of the Art" ASCLA preconference, American Library Association, Chicago, June 21, 1990
Image Databases: Retrieval and Analysis	Eastern Communications Forum, Boston, May 8, 1990
Image Databases in a University Environment	Pittsburgh SUN Users Group Pittsburgh, April 18, 1990
A Design for Managing Collections of Visual Materials & Objects: The UC Berkeley Image Database	ITC Speaker Series, Carnegie Mellon University, Pittsburgh, April 5, 1990
Maximizing Access to Visual Collections	Advanced Technology Seminar, University of California Long Range Academic Support Planning Committee, San Diego, March 28, 1990
User interface to a high resolution digital color image database	Electronic Imaging West, Pasadena, February 27, 1990

Image Retrieval and Manipulation of Manuscripts   Houghton Library, Harvard University, February 15, 1990

Workshop on Image Databases   Academic Computing Speaker Series, Princeton, February 8, 1990

Image Databases   Pittsburgh Association for Computing Machinery, Pittsburgh, January 25, 1990

A Database for Managing Collections of Images: Applications in Art, Anthropology, Architecture, and Geography   Computers in Academia, University of Pittsburgh, Pittsburgh, January 17, 1990

User Interfaces for Museums   Museum Computer Network, Chicago, October 13, 1989

Image Processing Integrated into a Database of Photographic Images: Applications in Art, Anthropology, Architecture, & Geography   Electronic Imaging East, Boston, October 4, 1989

Image Databases on Optical Disk   Optical Information Systems 89, Arlington, VA, September 6, 1989

The Shaping of Teleculture: The Media Arts Information Network   National Computer Graphics Association Arts Conference, San Jose, CA, June 10, 1989

Image Processing Integrated into a Database of Photographic Images: Applications in Art, Anthropology, Architecture, & Geography   Electronic Imaging West, Pasadena, April 13, 1989

The Media Arts Information Network   National Alliance of Media Arts Centers, Rochester, NY, March 20, 1989

Image/Information Retrieval and Analysis: The UCB Image Database Project   International Conference on Japanese Art History: The State of the Field, Berkeley, February 20, 1989

Imagebases and Image Management   Visual Resources Association, College Art Association, San Francisco, February 16, 1989

New User Interfaces to Museum Records: The Advanced Workstation   Museum Computer Network, Los Angeles, October 28, 1988

Image Processing Integrated into a Database of Photographic Images: Applications in Art, Architecture, & Geography   Electronic Imaging East, Boston, October 6, 1988

Incorporating Images and Analysis into an Information Retrieval System   Library Information Technology Association, Boston, October 4, 1988

Image Management and Analysis Systems for Visual Image Retrieval   Library Information Technology Association, Boston, October 4, 1988

A Geographic Query System   Bay Area Mapping Association, Berkeley,

July 28, 1988

High Resolution Image Retrieval & Processing in a SUN Environment

Beyond CD ROM, Monterey, June 20, 1988

An On-line Information-Sharing Model for Media Arts

National Alliance of Media Arts Centers, Atlanta, May 19, 1988

Coordinate-Based Image Databases: A Model for Natural History Collections

California Academy of Sciences, San Francisco, May 11, 1988

Developing an Image Database for Instruction and Research

Association for Educational Communications and Technology, New Orleans, January 16, 1988

Image Database Construction

Programmer/Analysts Group, Library Information Technology Association, ALA Mid-Winter, San Antonio, January 11, 1988

Computer Technologies and the Shaping of Social Science Research Methods

American Sociological Association, Chicago, August 18, 1987

New Computer Technologies and Research Methods

International Conference on Data Bases in the Humanities and Social Sciences, Montgomery, AL, July 12, 1987

Extending the On-Line Catalog: Incorporating digital images into information retrieval systems

Library Information & Technology Association, American Library Association, San Francisco, June 29, 1987

Image Processing and Text-Based Data: A Look to the Future

American Association of Museums, San Francisco, June 9, 1987

The Promises of High Technology: A Social View

Sociology of Contemporary American Society, UC Santa Cruz, March 5, 1987

Using Digitized Computer Images in Art History Instruction

Association for Educational Communication and Technology, Atlanta, February 27, 1987

The Automated Collection of the Future

Museum Computer Network, New Orleans, November 7, 1986

Computers for Art Analysis

International Visual Literacy Association, Madison, November 1, 1986

Image Processing and Text-Based Data: A Look to the Future

Western Museums Conference, Los Angeles, September 26, 1986

Film in Public Libraries

Popular Culture in Libraries, UCB School of Library & Information Studies, July 31, 1986

Technology and Consciousness	Institute for the Study of Social Change, UC Berkeley, March 21, 1986
High Technology Promises: A Social View	Sociology of Contemporary American Society, UC Santa Cruz, February 18, 1986
Use of Non-Broadcast Channels to Communicate Information in Social Change Situations: Berkeley Anti-Apartheid and Solidarity Poland	Association for Educational Communication and Technology, Las Vegas, January 21, 1986 [ERIC document ED279321]
Computer Ads	International Visual Literacy Association, Pomona California, November 1, 1985
Ideology and Computer Advertisements	Media, Ideology, and Society Conference, UC Berkeley, May 7, 1985
The Appeal of Computer Advertising	West Coast Computer Faire, San Francisco, April 1, 1985
The Appeal of Computer Advertising: Popular Images of Computers	Association for Educational Communication and Technology, Anaheim, January 20, 1985
The Videodisc and Publishing: Towards a new definition of publishing	Computers in Publishing, UC Extension, Berkeley, December 6, 1984
Advertising Computer Products: Selling lifestyle, not usefulness	Institute for the Study of Social Change, UC Berkeley, November 30, 1984
High Technology and Sociology	Sociology of Contemporary American Society, UC Santa Cruz, November 8, 1984
New technologies and Popular Culture	Sociology of Popular Culture, UC Davis, June 4, 1984
Poland in Black & White: How the media framed a social revolution	Anarchos Institute, Montreal, June 5, 1982
Issues in Collection Management of Films	Society of California Archivists, Stanford, October, 1980

Major Computer Consulting

Exploratorium (CA), 2001-
San Francisco Museum of Modern Art (CA), 2001
Getty Art History Information Program and Getty Information Institute (CA), 1993-98
Canadian Heritage Information Network, 1996-1997
Metropolitan Museum of Art (NY), 1993
Museum of Civilization (Ottawa), 1993
Centre Canadien d'Architecture (Montreal), 1992
Indira Gandhi National Centre for the Arts UN Development Program, 1990

Image Understanding Systems (CA), 1987
Museum Management Institute (CA), 1986
Reel Research (CA), 1979-1981
American Zoetrope (CA), 1978-1979

    plus dozens of museums, libraries, and archives

Previous Employment

Director, Moving Image Archiving & Preservation MA Program, NYU, 2002-2014
Professor, Graduate School of Education & Information Studies, UCLA, 1999-2002
Adjunct Associate Professor, School of Information Management & Systems, University of California at Berkeley, 1996-1999
Visiting Associate Professor, School of Information, University of Michigan, 1994-1996
Instructor, School of Library and Information Science, University of California at Berkeley, 1993-1995
Chief Information Officer, Canadian Centre for Architecture, Montreal, 1992-1994
Assistant Professor, School of Library and Information Science, University of Pittsburgh, 1989-1992
Image Database Specialist, Advanced Technology & Planning, UC Berkeley Academic Computing, 1986-1989
Research Specialist, UC Berkeley Institute for the Study of Social Change, 1982-1989
Information Systems Manager, University Art Museum, Berkeley, CA, 1977-87
Media/Computer Specialist, UC Berkeley School of Education, 1977-1986
Library Assistant, Cooperative Services, UCB General Library, 1977-78
Research Assistant, UCB Afro-American Studies Department, 1976-77

Education

PhD, *Library & Information Studies*, UC Berkeley, *1988*
Certificate in Bibliography, *Non-print Media*, UC Berkeley, *1980*
Master of Library Science, UC Berkeley, *1977*
Bachelor of Arts, *Media*, UC Berkeley, *1976*
Centre Internationale d'Etudes des Cinema, Paris, *1973-74*
Stanford Summer Institute in Broadcasting and Film, Stanford University, *1971*