

DAVID AARON BEARMAN

Born: February 8, 1950
Providence, RI USA
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CAREER

1986-1997-2004 President, Archives & Museum Informatics
1997-2004 Director, Strategy & Research, Art Museum Image Consortium Inc.
2003-2004 Adjunct Professor, Faculty of Information Studies, University of Toronto
1989-1995 Adjunct Professor, School of Information Studies, University of Pittsburgh
1982-86 Deputy Director/Assistant Director/Head of Policy & Planning,
Smithsonian Institution, Office of Information Resource Management
1980-82 Director, National Information Systems Task Force
Society of American Archivists
1975-79 Director, Survey of Sources, American Philosophical Society and
The American Academy of Arts & Sciences
1971-73 Director/Educational Director/Teacher
Various Early Childhood Education Programs

CONSULTING

(select list of non-profits) American Antiquarian Society, American College of Physicians, Australian Archives, Australian Collections Heritage Working Group, Canadian Heritage Information Network, Chicago Historical Society, Computer Museum, Commonwealth Dept. of Communications and the Arts Australia, Dublin Core Metadata Initiative, Foundation for the Hellenic World, J. Paul Getty Trust, Metropolitan Museum of Art, Metropolitan Toronto Archives, National Archives of Canada, National Gallery of Canada, National Security Archive, New York State Historical Association, Old Sturbridge Village, Phillips Collection, Powerhouse Museum, Research Libraries Group, Riksarkivet Sweden, Schweizerische Bundesarchiv, Singapore National Computer Board, Syracuse University, Text Encoding Initiative Consortium, The Netherlands Ministry of Interior and Rijksarchief, United Nations, World Bank

EDUCATION

1967-71 Brown University, A.B. (Honors, Intellectual History)
1975-77 University of Pennsylvania, History & Sociology of Science, M.A.
2004- University of Toronto, PhD program, Faculty of Information Studies

FELLOWSHIPS & HONORS

1971 Honorary Deans Scholar and Francis Wayland Scholar, Brown University
1973-74 Samuel Arnold Fellowship, Thomas J. Watson Foundation
1978 Rockefeller University Research Grant
1980 Honorary Associate, University of London
1985 Fellow, Society of American Archivists
1986, 1990 NEH/Mellon Fellowship, University of Michigan

CURRENT PROFESSIONAL ROLES

Co-Chair, Museums & the Web: An International Conference

PAST PROFESSIONAL ACTIVITIES

Past Professional Boards & Committees

Editorial

Editor-in-Chief, Archives and Museum Informatics 1986-1997
Member, Editorial Board, Visual Resources (1992-1998)
Member, Editorial Advisory Board, Visualizations in Print, Academic Press (1995-96)
Member, Editorial Board, Library Hi Tech (1989-1992)
Member, Editorial Board, Primary Sources and Original Works (1990-)
Member, Advisory Board, Drexel Univ. School of Information Studies (1989-91)

Conference Boards

Chairman, International Conference on Hypermedia and Interactivity in Museums (ICHIM'91, Pittsburgh, 1991); Co-Chair (ICHIM'93 Cambridge UK 1993); Co-Chair (ICHIM '95), San Diego California, 1995, Paris 1997, Washington DC 1999, Milan 2001, Paris 2003; English Program Chair Berlin 2004
Co-Chairman, Museums and the Web: An International Conference; Los Angeles 1997; Toronto 1998; New Orleans 1999, Minneapolis 2000, Seattle 2001, Boston 2002, Charlotte 2003, Washington DC 2004, Vancouver 2005, Albuquerque 2006, San Francisco 2007
Chairman, Annual Conference, Museum Computer Network (1988), Co-Chair, Annual Conference 1995
Member, Advisory Board, Electronic Democracy Conferences, (1992-4)

Professional Association Roles

Museum Computer Network Member, Board of Directors, (1987-89); (1990-92); Board President (1988-89); Founding Chairman, Committee on Computer Interchange of Museum Information (1990-92); Chairman, Publications Committee (1992)
Chairman, Joint HSS/SHOT/SAA Committee on Archives of Science and Technology (JCAST), 1979-80 and Member, 1978-82
Society of American Archivists, Fellow; Member, SAA National Information Systems Task Force (1976-80); Director (1980-82); Member, SAA Electronic Records Task Force, 1995-96
American Society for Information Science and Technology; Chairman, ASIS Arts & Humanities Special Interest Group (1988-89); Liaison, ASIS-SAA and SAA-ASIS (1980-84)
American Association of Museums Founding Chairman of Jury, Interactive Multimedia Category, MUSE Awards Competition, 1993; Member of Jury 1994

Other:

Member, Policy Advisory Committee, Dublin Core (1998-2000)
Member, Advisory Committee, Museum Educational Site Licensing Project (1994-1997)
Member, Advisory Board of the American Arts and Letters Network (1995-1997)
Member, National Bureau of Standards, Institute for Computer Science & Technology, Planning Committee for the Annual Technology Forecast (1984-85)
Member, Federal Interagency Committee on Information Resource Management, (1982-86)

International Speaking Engagements through 2004

Keynote Speaker - European Conference on Digitisation. Towards a Continuum of Digital Heritage: Strategies for a European Area of Digital Cultural Resources. Den Hague. September 2004

Keynote Speaker – Symposium on Cultural Databases, Tokyo and Fukuoko Japan, October 2003

Speaker and co-chair, ICHIM03 L'Ecole du Louvre, Paris September 2003

Invited Speaker, Dokumentation, Information & Kultur Association, Stockholm Sweden May 2002

(<http://konf.abm.uu.se/bearman/inst.pdf>)

Invited Speaker, Nobel Symposium on Virtual Museums and the Public Understanding of Science and Culture, Stockholm, May 2002

Invited Speaker, ARCO, Madrid February 2002

Invited Speaker, OCLC Webcast Symposium on Reconceptualizing Cataloging, Jan 2002

Invited Keynote, Archives PhD Forum, Beijing China, November 2001

Invited Speaker, Conference on Electronic Records in Office Automation Systems , Hangzhou China November 2001

Program Chair, ichim01, Milan Italy September 2001

Invited Speaker, Digital Research in the Humanities, Sheffield UK, September 2000

Invited Speaker, CIDOC International Council of Museums, London UK (1999)

Invited Speaker, Museums, heritage and digital revolution, Czech Ministry of Culture, Prague, Czech Republic (1999)

Invited Speaker, Acesso Multimedia ao Patrimonio Cultural, Porto, Portugal (1999)

Invited Speaker, International Congress on Museums, Melbourne Australia (1998)

Invited Speaker, CERN, Berne & Geneva, Switzerland (1998)

Invited Lecturer, Refiguring the Archive Seminars, Univ. of Witwatersrand, South Africa (1998)

Invited Speaker, U.K.Office of Library Networking Conference, Bath UK (1998)

Chair, Museums and the Web, Toronto, Canada (1998)

Invited Speaker, CIDOC Bonn, Germany (1997)

Invited Participant, Dublin Core Metadata Workshop, Helsinki, Finland (1997)

Workshop Instructor, Public Records Office, London, UK (1997)

Chair, ICHIM Conference, Paris, France (1997)

Invited Speaker, Milan, Italy (1997)

Named Lecture, University of Toronto, Canada (1997)

Invited Speaker, ICA Congress, Beijing, China (1996)

Workshop Instructor, The Records Continuum, Melbourne and Canberra (1996)

Invited Speaker, Electronic Democracy Conference, Ottawa (1996)

Invited Speaker, Electronic Visual Arts Conference, Florence (1996)

Invited Speaker, Digital Knowledge, Toronto (1996)

Keynote Speaker, Museum Documentation Association, Edinburgh (1995)

Co-Chair, International Conference on Hypermedia & Interactivity in Museums, (1995)

Invited Speaker, Tenth International Congress of the Association of History and Computing, Montreal (1995)

Invited Speaker, International Council on Museums Conference, Stavanger Norway (1995)

Invited Speaker, Museum Computer Group Annual Conference, London (1995)

Invited Speaker, Conference on Museums & the Internet, London (1995)

Invited Speaker, Heritage Collections Committee National Database Seminar, Perth (1994)

Invited Speaker, Playing for Keeps Conference, Canberra (1994)

Invited Speaker, Lambrakis Research Foundation/Greek Ministry of Industry PROMETHEUS Conference, Athens (1994)

Invited Speaker, Portuguese Association for Librarians, Archivists and Documentalists, Lisbon (1994)

Co-Chair, International Conference on Hypermedia & Interactivity in Museums, Cambridge, UK (1993)

Plenary Speaker, Australian Society of Archivists, Melbourne (1993)

Keynote Speaker, Ontario Archives Association, Ottawa (1993)

Invited Speaker, "actif et interactif", Paris (1993)
Keynote Speaker, Electronic Democracy Conference, Ottawa (1992)
Invited Speaker, Portuguese Association for History and Computing, Lisbon (1992)
Keynote Speaker/Workshop Presenter, Seminar on Public Sector Records Management
Sydney (1992)
Public Lecturer sponsored by Singapore National Computer Board as part of the
"Intelligent Island" Lecture Series, Singapore (1991)
Keynote Speaker, Australian Society of Archivists, Sydney (1991)
Chair, International Conference on Hypermedia & Interactivity in Museums, Pittsburgh (1991)
Invited Speaker, Symposium on Office Automation, Archivschule Marburg, Germany (1991)
Invited Expert, Impact of Information Technology on Archival Theory and Practice,
Macerata Italy (1991)
Invited Speaker, International Symposium on Archives and Europe without Boundaries,
Maastricht Holland (1991)
Invited Speaker, International Conference on Documents that Move and Speak, Ottawa (1990)
Invited Speaker, Converging Disciplines in the Management of Recorded Information, Ottawa
(1989)
Invited Expert, International Meeting of Experts on Archival Description Standards, Ottawa
(1988)
Keynote Speaker, International Conference on Museum Terminology Control,
Cambridge England (1988)
Chairman, Symposium on Archives of Science, International Conference on History of Science,
Edinburgh (1977)

Publications Books and Articles

160. 2004 “Sustaining Culture, Enhancing Life: User Requirements for Cultural Heritage” Presented at the European Conference on Digitisation. Towards a Continuum of Digital Heritage: Strategies for a European Area of Digital Cultural Resources. Den Hague. September 15, 2004, in print
159. 2004 *Museums and the Web 2004: Selected Papers from an international conference*. Ed. with Jennifer Trant, Toronto Canada: Archives & Museum Informatics, 2004 and “Museums and the Web: Maturation, Consolidation and Evaluation” p.3-8. Full Proceedings on CD and at <http://www.archimuse.com/mw2004/>
158. 2003 “Representing Cultural Knowledge for Museum Databases” *Musee*, #61, 2003.11.15 p.9-13 (In Japanese)
157. 2003 “The Economics of Publishing Cultural Heritage Content Online: The AMICO Experience”, in *Proceedings of ICHIM03*, Paris, 2003
156. 2003 *Museums and the Web 2003: Selected Papers from an international conference*. Ed. with Jennifer Trant, Toronto Canada: Archives & Museum Informatics, 2003 and “Familiarity Breeds Content: knowledge and effect in museums on the Web”, with Jennifer Trant p. 3-8. Full Proceedings on CD and at <http://www.archimuse.com/mw2003/>
155. 2002 *Museums and the Web 2002: Selected Papers from an international conference*. Ed. with Jennifer Trant, Pittsburgh, PA: Archives & Museum Informatics, 2002 and “Cyberspace in Our Space”, with Jennifer Trant .3-8. Full Proceedings on CD and at <http://www.archimuse.com/mw2002/>
154. 2002 “Issues in Structuring Knowledge and Services for Universal Access to Online Science and Culture” <http://www.nobel.se/nobel-foundation/publications/symposia/ns120-lectures/bearman.pdf>
153. 2002 “Educational Use of Museum Multimedia The AMICO Library™”, w/Jennifer Trant. *Visual Resources Association Bulletin*. Winter 2002 <http://www.amico.org/docs/papers/2002/ArtDoc0302.pdf>
152. 2002 “Open concepts: museum digital documentation for education through The AMICO Library”, w/ Jennifer Trant and Kelly Richmond. *Art Libraries Journal* . Volume 27, No. 2, p.30-42
151. 2001 “When museum informatics meets the World Wide Web, it generates energy”. w/ Jennifer Trant in *Journal of the American Society for Information Science* v. 51, Issue 1 , Jan. 2001
150. 2001 *Journal of the American Society for Information Science* Special Issue: When Museum Informatics Meets the World Wide Web .Special Issue, Edited w/ Jennifer Trant,V.51, Issue 1 , Jan. 2001
149. 2001 “Electronic Recordkeeping, Social Memory and Democracy in Refiguring the Archives” in *Refiguring the Archive* (Johannesburg SA/ University of Witwatersrand)
148. 2001 *International Cultural Heritage Informatics Meeting: Proceedings from ichim01*. Ed. with Franca Garzotto, Milano, Italy: Politecnico di Milano and Archives & Museum Informatics, 2001. Also available at <http://www.archimuse.com/ichim01/>
147. 2001 *Museums and the Web 2001: Selected Papers from an international conference*. Ed. with Jennifer Trant, Pittsburgh, PA: Archives & Museum Informatics, 2001 and “The Web as a Fact of Museum Life” with Jennifer Trant p.3-8. Full Proceedings on CD and at <http://www.archimuse.com/mw2001/>
146. 2000 *Museums and the Web 2000: Selected Papers from an international conference*. Ed. with Jennifer Trant, Pittsburgh, PA: Archives & Museum Informatics, 2000 and “Reaching Audiences and Assessing Results” with Jennifer Trant p.3-9. Full Proceedings on CD and at <http://www.archimuse.com/mw2000/>
145. 2000 “Intellectual Property Conservancies”, *D-Lib Magazine* 6 (December 2000). <http://www.dlib.org/dlib/december00/bearman/12bearman.html>
144. 1999 ed. w/Jennifer Trant, “When Museum Informatics Meets the World Wide Web”, *Journal of the American Society for Information Science*, vol. 51#1, pp.3-56
143. 1999 ed. w/Jennifer Trant, *Cultural Heritage Informatics '99, Selected papers from ICHIM99* (Pittsburgh, Archives & Museum Informatics) 1999
142. 1999 “Reality and Chimeras in the Preservation of Electronic Records”, *D-Lib Magazine*, vol5#4; <http://www.dlib.org/dlib/april99/bearman/04bearman.html>
141. 1999 w/Jennifer Trant, “Interactivity Comes of Age: Museums and the Web at Five”, *Bulletin of ASIS*
140. 1999 *Museums and the Web 1999: Selected Papers from an international conference*. Ed. with Jennifer Trant, (Pittsburgh, Archives & Museum Informatics) and “Interactivity Comes of Age: Museums and the Web at Five” with Jennifer Trant p. 9-12; Full Proceedings on CD and at <http://www.archimuse.com/mw99>.

139. 1999 w/ Eric Miller, Godfrey Rust, Jennifer Trant, Stuart Weibel, "A Common Model to Support Interoperable Metadata: Progress report on reconciling metadata requirements from the Dublin Core and INDECS/DOI Communities", *D-Lib Magazine*, v.5#1; <http://www.dlib.org/dlib/january99/bearman/01bearman.html>
138. 1998 w/ Jennifer Trant, "Economic, Social, Technical Models for Digital Libraries of Primary Resources", *New Review of Information Networking* #4, 1998 p.71-91.
137. 1998 w/ Jennifer Trant, "Unifying Cultural Memory," *Information Landscapes for a Learning Society*, 1998. www.archimuse.com/papers/ukoln98/index.htm
136. 1998 w/ Jennifer Trant, "Authenticity of Digital Resources: Towards a Statement of Requirements in the Research Process", *D-Lib Magazine*, June 1998 (ISSN 1082-9873) www.dlib.org/dlib/june98/06/bearman.html
135. 1998 ed. w/ Jennifer Trant, *Museums and the Web 1998: Proceedings*, Pittsburgh, PA; Archives & Museum Informatics, 1998
134. 1997 w/ Jennifer Trant, "Beyond Simple Resource Discovery: A framework for metadata declarations of disciplinary schema to support research in heterogeneous collections," *International Symposium on Information Technology in Museums - Integrated Applications*, Bonn, Germany, December 1-2, 1997 in Hermann Schaeffer ed., *Informationstechnologie im Museum, Haus der Geschichte der Bundesrepublik Deutschland* (Nicolai, Berlin) 1999 p.20-4 in German
133. 1997 w/ Jennifer Trant "The Art Museum Image Consortium: Licensing Museum Digital Documentation for Educational Use," *D-Lib Magazine*, September 1997. <http://www.dlib.org/dlib/september97/09clips.html#trant>
132. 1997 w/ Jennifer Trant, "The Art Museum Image Consortium: Licensing Museum Digital Documentation for Educational Use", *Spectra*, Fall 1997. <http://www.archimuse.com/papers/amico.spectra.9708.html>
131. 1997 ed. w/ Jennifer Trant, *Museum Interactive Multimedia 1997: cultural heritage systems design and interfaces, Selected Papers from ICHIM'97*, Pittsburgh, PA: Archives & Museum Informatics.
130. 1997 w/ Jennifer Trant, "Electronic Records Research Working Meeting May 28-30, 1997: A Report from the Archives Community", *ASIS Bulletin*, December 1997.
129. 1997 ed. and Introduction w/ Jennifer Trant *Museums and the Web 97: Selected Papers*, Pittsburgh, PA: Archives & Museum Informatics, 1997.
128. 1997 w/ Jennifer Trant "Electronic Records Research Working Meeting, May 28-30, 1997: A Report from the Archives Community" *D-Lib Magazine*, July/August 1997. <http://www.dlib.org/dlib/july97/07bearman.html>
127. 1997 "Electronic Records Research Issues: A Decade of Refining Problem Statements", *Archives and Museum Informatics: the cultural heritage informatics quarterly*, Vol. 11:3-4, p.205-211
126. 1997 "Capturing records' metadata: unresolved questions and proposals for research", *Archives and Museum Informatics: the cultural heritage informatics quarterly*, Vol. 11:3-4, p.271-276
125. 1997 w/ Jennifer Trant, "Electronic Records Research: Towards Testable Specificity" *Archives and Museum Informatics: the cultural heritage informatics quarterly*, Vol. 11:3-4, 1997.
124. 1997 "How the Information Revolution might effect us professionally", *Canadian Journal of Information and Library Science*, Vol. 22, p.38-55
123. 1996 "Possible Contributions of the Reference Model of Metadata Required for Evidence to a Reference Model of Metadata Required for Image Description", *Archives & Museum Informatics*, vol.10 #3, p.295-302
122. 1996 "Item Level Control and Electronic Recordkeeping", *Archives & Museum Informatics*, vol.10, #3, p.195-245 <http://www.archimuse.com/papers/nhprc/item-lvl.html>
121. 1996 "Multimedia in Museums: A Bibliographic Essay", *Museum Multimedia Handbook* (ICOM-CIDOC, Paris, 1996)
120. 1996 "The Electronic Visual Arts (EVA) Conferences 1993-1996", *Archives and Museum Informatics*, vol.10 #2, p.104-132
119. 1996 "The State of Electronic Records Management Worldwide", *Archives and Museum Informatics*, vol.10#1, p.3-40
118. 1996 with Jennifer Trant, "Museums and Intellectual Property: Rethinking Rights Management for a Digital World", *Visual Resources*, vol.12 p.269-279
117. 1996 with Wendy Duff, "Grounding Archival Description in the Functional Requirements for Evidence", *Archivaria*, #41, Spring 1996, p.275-303

116. 1996 "New Economic Models for Administering Cultural Intellectual Property", in Kathy Jones-Garmil ed., *The Wired Museum*, Washington DC, American Association of Museums, 1997, p.231-265; also in Proceedings of the EVA/Florence Conference February 9, 1996
<<http://www.ahip.getty.edu/mesl/about/docs/economics.html>>
115. 1996 "Overview and Discussion Points", *Research Agenda for Networked Cultural Heritage* (Santa Monica CA, Getty Art History Information Program, 1996) p.7-22
<<http://www.ahip.getty.edu/agenda/overview.html>>
114. 1996 "Archiving and Authenticity", *Research Agenda for Networked Cultural Heritage* (Santa Monica CA, Getty Art History Information Program, 1996) p.63-67 <<http://www.ahip.getty.edu/agenda/archivng.html>>
- 113 1995 "Standards for Networked Cultural Heritage", *Archives and Museum Informatics*, vol.9 #3, p.279-307
112. 1995 "Data Relationships in the Documentation of Cultural Objects", *Visual Resources*, v.11, p.295-306
111. 1995 ed., *Hands On: Hypermedia and Interactivity in Museums*, Pittsburgh, Archives & Museum Informatics, 1995 293pp.
110. 1995 ed., *Multimedia Computing in Museums*, Pittsburgh, Archives & Museum Informatics, 1995 388pp.
109. 1995 "Information Strategies and Structures for Electronic Museums", *Information: The Hidden Resource, Museums and the Internet*. Proceedings of the Seventh International Conference of the MDA, 1995 ed. by Anne Fahy and Dr. Wendy Sudbury (Cambridge, UK, Museum Documentation Association, 1995) p.5-22
108. 1995 "Museum Strategies for Success on the Internet", *Museum Collections and the Information Superhighway* (London, Science Museum, 1995) p.15-27; also published in *Spectra*, vol.22#4 p.18-24
<<http://www.nmsi.ac.uk/infosh/bearman.htm>>
107. 1995 w/ Ken Sochats, "Metadata Requirements for Evidence", in *Automating 21st Century Science - The Legal, Regulatory, Technical and Social Aspects of Electronic Laboratory Notebooks and Collaborative Computing in R&D* ed. by Rich Lysakowski and Steve Schmidt, TeamScience Publishing, 1996 <<http://www.lis.pitt.edu/~nhprc/BACartic.html>>
106. 1995 "Virtual Archives", to be published in *Janus* for the International Council on Archives meeting in Beijing, 1996, in wide distribution on the Internet as of March 1995 ; another version appears in *EJOURNAL* <<http://www.lis.pitt.edu/~nhprc/prog6.html>>
105. 1995 "L'avenir informatique et les musees", *La Lettre de l'OCIM* (Office de Cooperation et d'Information Museographiques, #38, March/April 1995 p.46-47
104. 1994 "Towards a Reference Model for Business Acceptable Communications", web published proposal <<http://www.lis.pitt.edu/~nhprc/prog6-5.html>>
103. 1994 "Beyond Connectivity", *AV Update* (ISSN -0818-2507) #21, September 1994, p.5-20
102. 1994 "Useful Electronic Space or Virtual Junkheap?", *Proceeding of the Conference on Digital Cataloging*, held at the Library of Congress, October 12-14 1994 (Washington DC, Library of Congress, 1994) <<http://www.loc.gov/catdir/semdigdocs/bearman.html>>
101. 1994 Requirements for Accommodating Information Systems Information and Records Management Needs within the Proposals for a Government Information Locator Service (GILS) and its Z39.50 Application, Attachment K in The Government Information Locator Service (GILS): Expanding Research and Development on the ANSI/NISO Z39.50 Information Retrieval Standard. Final Report, William E. Moen and Charles R. McClure Principal Investigators, (Syracuse NY, Syracuse University, September 7, 1994)
100. 1994 The Virtual Archives of the Near Future", *The Record*, vol.1#1, p.11-12
99. 1994 Archival Strategies", *American Archivist*, vol. 58, p.374-407
98. 1994 Archival Issues in a Computing Environment", *Playing for Keeps*, Proceedings of an Electronic Records Management Conference Canberra, Australia November 8-10, 1994, edited by Stephen Yorke (Canberra, Australian Archives, 1995) p.233-255
http://www.naa.gov.au/govserv/techpub/keeps/Bearman_Present.htm and
http://www.naa.gov.au/govserv/techpub/keeps/Bearman_Paper.htm
97. 1994 with Ken Sochats, "Formalizing Functional Requirements for Recordkeeping " University of Pittsburgh Research Report LIS055/LS94001, September 1994 <<http://www.lis.pitt.edu/~nhprc/Pub4.html>>
96. 1994 "Experience Delivery Systems", *Cadernos BAD*
95. 1994 "Cultural Heritage Information Standards in a Networked World", in *Prometheus: New Technologies in Culture* (Athens, Lambrakis Research Foundation) p.39-52; revised in *Archives and Museum Informatics*, vol.8#2 p.91-107
94. 1994 Electronic Recordkeeping, a course of 14 modules for Edith Cowan University External Studies program (Perth, Edith Cowan University) 283pp. [Also available on CD-ROM]

93. 1994 with John Perkins, "Summary and Recommendations of the Standards Framework for the Computer Interchange of Museum Information", *Library Hi Tech News*, May 1994, #112, p.1-11
92. 1994 *Electronic Evidence: Strategies for Managing Records in Contemporary Organizations*, (Pittsburgh, Archives & Museum Informatics), 360pp.
91. 1994 "Constructing a Methodology for Evidence", in David Bearman, ed., *Electronic Evidence*, (Pittsburgh, Archives & Museum Informatics) p.1-18
90. 1994 "Thesaurally Mediated Retrieval", *Visual Resources*, vol.10, pp.295-307
89. 1994 "Managing Records Sent by Electronic Mail", *Archives & Manuscripts*, vol. 22 #1, p.28-50; reprinted in #92
88. 1994 "Automating the Future", *Museum International*, vol 46.#1 (#181) p.38-41 [Also appeared in French, Spanish, Arabic, Russian]
87. 1993 with Margaret Hedstrom, "Reinventing Archives for Electronic Records: Alternative Service Delivery Options" in Margaret Hedstrom ed., *Electronic Records Management Program Strategies*, Archives and Museum Informatics Technical Report #18 (Pittsburgh, Archives & Museum Informatics, 1993) p.82-98
86. 1993 "The Implications of Armstrong v. the Executive Office of the President for the Archival Management of Electronic Records", *American Archivist*, vol.56, p.674-689; reprinted in #92
85. 1993 "Non-Congruent Perspectives" in Donald Fisher Harrison Editor, *Automation in Archives* (Washington DC, MARAC, 1993) pp.123-132
84. 1993 "Record Keeping Systems", *Archivaria*, #36 p.16-36; reprinted in #92
83. 1993 "Interactivity in American Museums", *Museum Management and Curatorship*, Vol 12 #2 (June 1993) p.183-193
82. 1993 with John Perkins, "The Standards Framework for Computer Interchange of Museum Information", *Spectra*, vol. 20 #2&3, p.1-61 CIMI Standards Framework
81. 1993 "Multimedia and Museum Requirements for Networking", in *Multimedia and Networking*, Proceedings of the Library of Congress Network Advisory Committee Meeting December 7-9 1992, Network Planning Paper #24 (Washington DC, Library of Congress, 1993) pp.16-23; reprinted in *Spectra*, vol. 21 #2 p.15-19
80. 1993 "Archival Data Management to Achieve Organizational Accountability for Electronic Records", *Archives & Manuscripts*, v.21#1, 1993 pp.14-28. Also in Sue McKemmish and Frank Upward, Eds., *Archival Documents: Providing Accountability Through Recordkeeping* (Melbourne, Ancora Press, 1993) p.215-227 where it is followed by an extensive commentary by Frank Upward, pp.229-244; reprinted in #92
79. 1993 "Archival Principles and the Electronic Office", *Information Handling in Offices and Archives* (K.G.Saur, New York, 1993) p.177-193; reprinted in #92
78. 1992 "Developing Guidelines for Electronic Records: Report of a Project to Test the ACCIS TP/REM Electronic Records Guidelines: A Manual for Policy Development and Implementation (ACCIS 89/018(b) 1989-07-17)" in Advisory Committee for the Co-ordination of Information Systems, *Management of Electronic Records: Curriculum Materials*, New York, United Nations, 1992 p.137-147
77. 1992 "New Models for Management of Electronic Records by Archives", *Cadernos BAD* (Journal of the Portuguese Association of Librarians, Archivists and Documentalists), vol.2, p.61-70; reprinted in #92
76. 1992 "Documenting Documentation", *Archivaria*, #34, Summer 1992 p.33-49
75. 1992 "Diplomatics, Weberian Bureaucracy and the Management of Electronic Records in Europe and America", *American Archivist*, vol.55 (1) p.168-180; reprinted in #92
74. 1992 "Information Technology Standards and Archives", *Janus*, 1992.2 p.161-166; reprinted in #92
73. 1992 "Interactive Multimedia in Museums" in M.Buckland and S.Stone eds., *Studies in Multimedia: State-of-the-Art Solutions in Multimedia and Hypertext*, (Medford CT, Learned Information, 1992) p.121-138
72. 1992 "A User Community Confronts IT Standards", *Journal of the American Society for Information Science*, Vol.43(8), p.576-578
71. 1992 "Contexts of Creation and Dissemination as Approaches to Documents that Move and Speak", in *Documents that Move and Speak: Audiovisual Archives in the New Information Age*, Proceedings of a symposium, National Archives of Canada, April 30-May 3, 1990, (New York, K.G.Saur, 1992) p.140-149
70. 1992 "The Changing Character of Corporate Communications", Longman Professional, *Efficiency in Public Sector Records Management: Applying New Technologies and New Structures to Achieve More with Less*, (Sydney 1992) 200p. [reviewed in *Archives & Manuscripts*, vol.21, p.132-134]
69. 1991 with Toni Peterson, "Retrieval Requirements of Faceted Thesauri in Interactive Information Systems" in Susanne Humphrey and Barbara Kwasnik, *Advances in Classification Research: Proceedings of the 1st ASIS SIG/CR Classification Research Workshop* (Medford NJ, Learned Information, 1991)

68. 1991 "Computer Interchange of Museum Information", *Bulletin of ASIS*, vol. 18 (2), December 1991/January 1992 p.14-16
67. 1991 "Museum Information Standards: Progress and Prospects", in Stephen M. Spivak and Keith A. Winsell eds., *A Sourcebook of Standards Information* (Boston, G.K.Hall, 1991) p.253-265
66. 1991 "Information Technology Standards and Archives", *NAGARA Clearinghouse*, vol.7(3) Summer 1991 p.10
65. 1991 "Technology's Impact on the Professions Who Manage it", *Current Issues in Government Information Policy Conference Proceedings* (Frankfort KY, Kentucky Information Systems Commission, 1991) p.11-23
64. 1991 "Interactive and Hypermedia in Museums", in David Bearman ed., *Hypermedia and Interactivity in Museums: Proceedings of an International Conference*, Archives and Museum Informatics Technical Report #14, 1991 p.1-6
63. 1991 "An Indefensible Bastion: Archives as a Repository in the Electronic Age", in David Bearman ed., *Archival Management of Electronic Records*, Archives and Museum Informatics Technical Report #13, (Pittsburgh, Archives & Museum Informatics, 1991)
62. 1990 with Lynn Cox, *1990 Directory of Software for Archives and Museums*, Archives and Museum Informatics Technical Report #12 (Pittsburgh, PA, Archives & Museum Informatics, 1990) includes DB essay: "State of the Market".
61. 1990 *Functional Requirements for Membership, Development and Participation Systems*, Archives and Museum Informatics Technical Report #11 (Pittsburgh, PA, Archives & Museum Informatics, 1990)
60. 1990 "The Impact of Information Format on Management and Policy", in James A. Nelson ed., *Gateways to Comprehensive State Information Policy* (Lexington KY, COSLA, 1990) p.22-26
59. 1990 "Design Requirements of an Archives and Museum Information System", *Spectra*, vol.17, p.12-13
58. 1990 "Multi-sensory Data and its Management", in Cynthia Durance, ed. *Management of Recorded Information: Converging Technologies* (NY, K.G.Saur, 1990) p.111-120
57. 1990 "Management of Electronic Records: Issues and Guidelines", in United Nations Advisory Committee for Coordination of Information Systems, *Electronic Records Management Guidelines: A Manual for Policy Development and Implementation* (NY, United Nations, 1990) pp. 17-70, 89-107, 135-189; reprinted in part in #92 <c:/my documents/db&jt/pubs/UNACCIS.html>
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