

CURRICULUM VITAE

GAIL MCMILLAN

903 Mason Drive, Blacksburg, VA, 24060

EDUCATION

MLS	rare books, manuscripts, archives	University of Maryland, College Park	1981
MA	early American history	University of Maryland, College Park	1981
BA	education and American history	University of California, Riverside	1972

EMPLOYMENT HISTORY

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY, UNIVERSITY LIBRARIES

Assoc. Professor, 1993 to date; Assist. Professor, 1986-1993; Instructor, 1982-1986

July 1999 to date	Director, Digital Library and Archives
July 1995 – June 1999	Head, Special Collections Department
Jan. 1994 - June 1999	Director, Scholarly Communications Project
Oct. 1991 - Aug. 1994	Team Leader, Serials Cataloging/Maintenance
Dec. 1986 - Sept. 1991	Team Leader, Online Maintenance, Bibliographic Services
July 1985 - Dec. 1986	Interim Head, Bibliographic Services. Department
Jan. 1983 - July 1985	Coordinator, Serials Retrospective Conversion Project
Aug. - Dec. 1982	Assistant Serials Cataloger, Serials Department
Jan. - July 1982	Library Clerk, Special Collections Division

OTHER

Jan. - Dec. 1981	Assistant Archivist, Smithsonian Institution, Washington, DC
Oct. 1979 - Jan. 1981	Graduate Student Assistant, Special Collections Department, McKeldin Library, University of Maryland, College Park, MD
Aug. 1977 - July 1979	Library Administrative Assistant, Special Collections Division, University of Oregon Library, Eugene, OR

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

American Library Association	1979 to date
Association for Library Collections and Technical Services	1982-1995
International Archive of Women in Architecture	1995-2000
Library and Information Technology Association	1985-1993
Association of College and Research Libraries	1979-82, 1988 to date
Networked Digital Library of Theses and Dissertations	1997 to date
North American Serials Interest Group (NASIG)	1990-1996
Mid-Atlantic Regional Archives Conference	1995 to date

PARTICIPATION IN PROFESSIONAL ORGANIZATIONS

INTERNATIONAL PARTICIPATION: COMMITTEE APPOINTMENTS

[IAWA: International Archive of Women in Architecture](#)
Archivist July 1995 – Sept. 2000

[NDLTD: Networked Digital Library of Theses and Dissertations](#)
Steering Committee, 1997 to date; founding member
Conference Planning Committees, 1996-2001

INTERNATIONAL PARTICIPATION: PRESENTATIONS

["The Digital Library: Without a Soul Can It be a Library?"](#)
Books and Bytes: Technologies for the Hybrid Library, Victorian Association for
Library Automation, Melbourne, Australia, Feb. 17, 2000 (published in
conference proceedings)
Australian National University Library and the Australian Library Association joint
meeting, ANU, Canberra, Feb. 22, 2000.

"A Campus Resource: Electronic Theses and Dissertations." International Scholars
Forum, University of Western Australia, Perth, Feb. 25, 2000.

["Perspectives on Electronic Theses and Dissertations: Authors, Advisors, Readers."](#)
New Frontiers in Grey Literature: 4th International Conference on Grey Literature:
GL'99, Washington, DC, Oct. 4, 1999.

"Library Services and Resources for the University Community." Strategie sur la
bibliotheque virtuelle dans le contexte actuel: Séminaire résidentiel de formation à
l'intention de directeurs de grandes bibliothèques suisse, Jongny, Switzerland,
Oct. 23, 1998.

"Electronic Journals and Scholarly Communications." Hong Kong Institute of
Education, June 21, 1996.

NATIONAL PARTICIPATION: COMMITTEE APPOINTMENTS

ALCTS: Association for Library Collections and Technical Services, ALA
Electronic Library: Administrative Issues for Organization and Access Institute
Planning Committee, Feb. 1993-June. 1996
Boston, institute faculty member, May 1996
San Antonio, institute moderator, Oct. 29-30, 1994
Serials Cataloging in the Age of Format Integration Institute
Planning Committee, June 1994-Dec. 1995
Scholarly Publications Committee: Oct. 1991-July 1995

CONSER: Cooperative Online Serials, Library of Congress
Electronic Resources Task Force: July - December 1995

OCLC: Online Computer Library Center
Resource Sharing Advisory Committee, July 1993 - June 1996
Virginia OCLC Users Group, 1993/94

Society for Scholarly Publishing
Program Planning Committee, 1999/2000
Panel organizer and moderator, 2000 annual conference
"Library Collection and Access Issues in the Third Millennium," June 1, 2000
"Archiving Digital Content," June 2, 2000

NATIONAL PARTICIPATION: PRESENTATIONS

- "Open Archives Initiative." Back to the Future: Publishing for the Third Millennium, Society for Scholarly Publishing Conference, Baltimore, MD, June 1, 2000.
- "Conference Wrap-up." 3rd International Symposium on ETDs, St. Petersburg, University of South Florida, March 18, 2000.
- "ETD Implementation: The Two Virginias and Their Strategies for Successfully Requiring Electronic Theses and Dissertations," with John Hagan. 3rd International Symposium on ETDs: St. Petersburg, University of South Florida, March 17, 2000.
- "Electronic Theses and Dissertations at Virginia Tech," with Len Peters. Preservation and Access for Electronic College and University Records Conference, Arizona State University, Oct. 8, 1999.
- "Using Technology for Distributed Education: The Library." National Communication Association Summer Conference: Communication and Technology, Northern Virginia Center, July 22, 1999.
- "Electronic Theses and Dissertations: Eliminating Borders." ACRL Rare Books and Manuscripts Conference, *Border Crossings: Exploring New Territories for Special Collections*, McGill University, Montreal, Quebec, Canada, June 22, 1999.
- "[Digital] Libraries Support [Distributed] Education." Racing Toward Tomorrow: Association of College and Research Libraries Conference, Washington, DC, April 9, 1999.
- "Theses and Dissertations in the Digital Library," with Ed Fox. CNI Spring 1999 Task Force Meeting, Washington, DC, April 26, 1999.
- "Evolving Genre of Electronic Theses and Dissertations." 32nd Hawaii International Conference on System Sciences, Maui, Jan. 7, 1999. (based on a paper prepared with John Eaton and Ed Fox)
- "Progress Toward the Networked Digital Library of Theses and Dissertations." ACRL Science and Technology Section, ALA Midwinter Conference, New Orleans, Jan. 10, 1998.
- "Copyright and Electronic Reserve." ACRL EReserves Section, ALA Midwinter Conference, New Orleans, Jan. 11, 1998.
- "Technology Initiatives and Organizational Change: Higher Education in a Networked World," with Joanne Eustis. CAUSE'97, Orlando, Dec. 4, 1997.
- "The VT ETD Library: Some Recent Data," with Ed Fox. U.S. Dept. of Education's Fund for the Improvement of Secondary Education Grant Directors' Meeting, Crystal City, VA, Oct. 31, 1997.

- "Libraries Address the Challenges of Asynchronous Learning," with Joanne Eustis. Asynchronous Learning Networks Conference, New York, NY, Oct. 5, 1997.
- "Electronic Journals from a Scholarly Communications Point of View." Legal Periodicals Past and Future: 19th Annual Conference of the American Association of Law Libraries, Baltimore, MD, July 23, 1997.
- "VT EReserve." ACRL Discussion Group, ALA Midwinter Conference, D.C, Feb. 16, 1997.
- "Online for Higher Education: Libraries in the 21st Century." National Association of State Universities and Land-Grant Colleges Conference, San Diego, Nov. 18, 1996.
- "Scholarly Communications: A Digital Library in the Changing Academy." Electronic Library: Administrative Issues for Organization and Access Institute, ALA ALCTS, Boston, April 26, 1996.
- "A New Service from Libraries: Electronic Publishing." Continuity and Transformation: The Promise of Confluence, 7th National Conference of the Association of College and Research Libraries, Washington, DC, March 29, 1995.
- "The Library in the Electronic Age." American Association of University Women, Blacksburg, VA, Jan. 24, 1995,
- "Scholarly Communications Project: Publishers and Libraries." Scholarly Publishing on the Electronic Networks: Filling the Pipeline and Paying the Piper, 4th Symposium of the Association of Research Libraries and the Association of American University Presses, Washington, DC, Nov. 6, 1994.
- "From Virtual Libraries to Working Reality: The Challenge to *Just Do It!*" Electronic Library: Administrative Issues for Organization and Access Institute, ALA/ALCTS, San Antonio, Oct. 29, 1994.
- "Electronic Scholarly Communications and Libraries," with James Powell. Special Interest Group on Networked Information, Discovery, and Retrieval (SIGNIDR), Mitre, Corp., McLean, Va., Aug. 4, 1994.
- "Cataloging CD-ROMs: Serials? Computer Files? Serials Files? Computerials?" New Scholarship: New Serials. 8th Annual Conference of the North American Serials Interest Group, June 12, 1993.
- "Electronic Journals: Meeting the Challenge." ALA ALCTS Serials Section, New Orleans, June 26, 1993.

REGIONAL PARTICIPATION: COMMITTEE APPOINTMENTS

ASERL: Association of Southeastern Research Libraries: 1996/97-1997/98
Electronic Resources Project: Archiving, Licensing, and Publishing Committees

CAUSE/CNI: College and University Systems Exchange/Coalition for Networked Information's Southeast Regional Conference, "Teaching and Learning in Cyberspace" Organized and moderated preconference: "Scholarly Electronic Communications from University Libraries," Virginia Tech, Sept. 11, 1996.

MARAC: Mid-Atlantic Regional Archives Conference
Organized and moderated panel for annual conference, "Archives Online:
Regional Projects," May 2, 1997 annual meeting, Charlottesville, VA

SURA: Southeastern Universities Research Association
Monticello Electronic Library, 1994-1997
Steering Committee, 1995/96
Panel, "Lessons Learned," for the Working Group on Electronic Theses,
Dissertations, and Technical Reports, Monticello Electronic Library
meeting, Atlanta, GA, Aug. 12, 1994.

REGIONAL PARTICIPATION: PRESENTATIONS

"Perspectives on ETDs." Learning 2000: Reassessing the Virtual University, Sept. 28,
2000, Hotel Roanoke.

"Scholarly Communications Project." Learning Online Conference, June 21, 1998,
Hotel Roanoke.

"Electronic Theses and Dissertations: Unlocking Access to Graduate Research."
Teaching and Learning in Cyberspace: CAUSE/CNI Southeast Regional
Conference, Roanoke, Sept. 12, 1996.

"Developing Digital Libraries." Networked Information: Challenges and Solutions,
CAUSE/CNI Northeast Regional Conference, Philadelphia, May 30, 1996.

"Digital Images and Special Collections on the World Wide Web." MARAC Conference,
College Park, MD, May 3, 1996.

"VIVA Special Collections: Web Design and Content Considerations," with Betsy
Pittman. MARAC Conference, College Park, MD, May 3, 1996.

STATEWIDE PARTICIPATION: COMMITTEE APPOINTMENTS

VIVA: Virtual Library of Virginia
Special Collections Committee, Aug. 1995 to date
Web Design Team, 1996/1997

STATEWIDE PARTICIPATION: PRESENTATIONS

"What It Takes to be a Digital Library: Theories and Concepts." Iowa Library
Association, Ames, Oct. 18, 2000.

"Providing Access to Electronic Journals at Virginia Tech Today." Arizona Library
Association, Tucson, Dec. 4, 1993.

STATEWIDE PARTICIPATION: OTHER

Virginia Library Association
[Virginia Libraries \[online\]](#), with editors, Cy Dillon and Nan Seamans

UNIVERSITY LIBRARIES PARTICIPATION: COMMITTEE APPOINTMENTS

Library Faculty Association
 Faculty Affairs Committee
 Member 1994/95-1995/96, 1999/00-2000/01; chair, 1994/95
 Travel and Research Committee
 Member, 1996/97-1997/98; chair 1997/98

UNIVERSITY LIBRARIES PARTICIPATION: PRESENTATION

"Assessing Technology-based Projects for Faculty Evaluations: Virginia Tech's University Libraries' Faculty Perspectives," Library Faculty Association, May 11, 2000.

CONSULTANT SERVICES, SURVEYS, PANELS, AND SERVICE ACTIVITIES**CONSULTING**

Digital Library Projects: Australian National University, Canberra, Feb. 22, 2000

Electronic Theses and Dissertations initiatives, 1997 to date

- | <i>On-site</i> | <i>At VT</i> |
|--|-------------------------------------|
| ▪ Arizona State University | ▪ Australian Digital Theses Project |
| ▪ Case Western Reserve University | ▪ Brigham Young University |
| ▪ College of William and Mary | ▪ Clemson University |
| ▪ Michigan Technological University | ▪ College of William and Mary |
| ▪ Pennsylvania State University | ▪ East Tennessee State |
| ▪ University of Florida | ▪ Florida International University |
| ▪ University of Melbourne for the
Australian Digital Theses Project | ▪ Mississippi State University |
| ▪ University of South Carolina | ▪ Université catholique de Louvain |
| ▪ University of Wisconsin—Madison | ▪ University of Florida |
| ▪ Vanderbilt University | ▪ University of Georgia |
| ▪ Worcester Polytechnic Institute | ▪ University Theses Online Group |
| | ▪ Virginia Commonwealth University |

CIA Librarians: Staff Readiness Program. Re making the transition from traditional technical services librarians to librarians working in digital environments, McLean, VA, Feb. 27, 1996.

Coalition for Networked Information: Cost Centers and Measures in the Networked Information Value-Chain, New York, July 24, 1995.

University of Nevada--Las Vegas Library: survey instrument for "Electronic Journals in ARL Libraries," Sept. 1993.

GRANTS

National Science Foundation, "A Digital Library Network for Engineering and Technology: DLNET," initiated by Saifur Rahman (Computer and Electrical Engineering), Gail McMillan, co-PI, Sept. 2000 - March 2001. \$600,000

National Endowment for the Humanities, "[The Virginia Heritage Project](#)," with Special Collections Librarians at University of Virginia, College of William and Mary, George Mason University, Old Dominion University, and Virginia Commonwealth University, May 2000 - April 2002. \$250,000

OCLC: "ETDs for Libraries" (white paper), 2000. \$10,000

VT Foundation: International Travel Supplemental Grant for Australian/VALA digital library conference presentation, February 2000. \$1,000

U.S. Dept. of Education, Fund for the Improvement of Post-Secondary Education, "[Improving Graduate Education with a National Digital Library of Theses and Dissertations](#)," with co-PIs John Eaton and Ed Fox, Sept. 1996 - Aug. 1999. \$208,040

Southeastern Universities Research Association (SURA), "Development and Beta Testing of the Monticello Electronic Library Thesis and Dissertation Program," with John Eaton and Ed Fox, 1997. \$90,117

SURVEYS

Assessing Technology-based Projects for Faculty Evaluations: University Libraries, Virginia Tech

http://lumiere.lib.vt.edu/surveys/take_survey.php3?set_ID=Tech4P

Electronic Theses and Dissertations (ETD) Author Survey

http://lumiere.lib.vt.edu/surveys/take_survey.php3?set_ID=ETD_fall_00_author

Electronic Theses and Dissertations (ETD) User Survey

http://lumiere.lib.vt.edu/surveys/take_survey.php3?set_ID=etduser2000

Electronic Reserve User Survey

http://lumiere.lib.vt.edu/surveys/take_survey.php3?set_ID=EReservefall2000studentsurvey

SERVICE TO THE UNIVERSITY

UNIVERSITY COMMITTEES

- Dean's Five-Year Review Committee, 1999/2000
- Promotion and Continued Appointment Committee for Non-College-Based Faculty, 1999/00
- Faculty (Grievance) Review Committee, 1996/97 - 1998/99
- Library Materials Advisory Committee, 1997/98
- Parking Committee, 1991/92-1994/95, chair: 1994/1995

UNIVERSITY-RELATED ACTIVITIES

- Visual Arts Inventory and Catalogue Committee, 1998/99 to date
- Center for Digital Discourse and Culture Advisory Board, 1998 to date
- Institute for Distance and Distributed Learning Advisory Council, 1998 to date
- Electronic Theses and Dissertations Advisory Board member, 1997 to date

- Faculty Development Institute Instructor: 1996/97-2000/01
- Copyright (1998-2000)
- EReserve (1996-1999)
- ETDs (1996-1997)
- "A Century of Contribution: Christiansburg Institute and Educational Change in Virginia" Curatorial Committee, Sept. 1999 - May 2000
- VT Web Group, 1997/98-1998/99
- Information Systems
- VTOOnline Planning and Development Task Force, 1996/97-1997/98
- Electronic Billing Task Force, April 1995-Aug. 1996

DISSERTATION COMMITTEES: VIRGINIA TECH

Suleman, Hussein. Digital libraries topic, March 2000 to date [chair: Dr. Edward Fox, Dept. of Computer Science]

Weisenmiller, Eric. *A Study of Readability of On-Screen Type*, Oct. 1997 - Dec. 1999 [chair: Dr. Mark Sanders, Dept. of Teaching and Learning]

OTHER: UNIVERSITY OF SOUTH FLORIDA

Edminster, Jude. NDLTD member universities "best practices" with regard to student/faculty training, access/preservation, submission guidelines and requirements; July 27, 2000 to date [chair: Dr. Joseph Moxley, Dept. of English]

MASTER'S COMMITTEE: VIRGINIA TECH

Kayenda Johnson. Digital libraries topic, Sept. 9, 2000 to date [chair: Dr. Robert Williges, Dept. of Industrial Systems Engineering.]

OTHER: INVITED PRESENTATIONS

"Libraries as Scholarly Publishers: Academic Journals Online." Electronic Academy Seminar, University of Tennessee, Knoxville, March 24, 1999.

"Scholarly Communications Project: Digital Libraries in Practice." Digital Library Research Group, College of Library and Information Services, University of Maryland, College Park, March 25, 1998.

SERVICE TO THE LIBRARY

Promotion and Continued Appointment Committee, 1993/94, 1996/97, 1997/98

Search Committees

Manuscripts Curator, chair, 1999/2000

User Services Department Head, chair, 1998/99

Serials Coordinator, 1996/97

Agriculture and Life Sciences College Librarian, 1996/97

Dean of Libraries, 1993/1994

Task Forces

Electronic Resources, 1996/97
Networked Resources and Services, 1994/95
First Search, May - Dec. 1994
Performance Criteria, Sept. - Oct. 1994
Storage Facility, Jan - Dec. 1994
Scholarly Communications, 1993/94, chair

PUBLICATIONS RELATED TO LIBRARIANSHIP**ARTICLES**

- "Managing Electronic Theses and Dissertations: A Report from a Symposium." *College & Research Libraries News*. 61 (May 2000): 413-414.
- "Libraries Address the Challenges of Asynchronous Learning," with Joanne Eustis. *Journal of Asynchronous Learning Networks*, 2 (March 1998): http://www.aln.org/alnweb/journal/vol2_issue1/eustis.pdf (8/14/00) (basis of conference presentation)
- "Networked Digital Library of Theses and Dissertations: An International Effort Unlocking University Resources," with Edward A. Fox, John L. Eaton, et al., *D-Lib Magazine*, Sept. 1997: <http://www.dlib.org/dlib/september97/theses/09fox.html>
- "Library Copublication of Electronic Journals," with Frank Quinn. *Serials Review*, 21 (1995): 80-83.

CHAPTERS IN BOOKS

- "Managing Digital Content: The Scholarly Communications Project." In *The Evolving Virtual Library II: Practical and Philosophical Perspectives*, Dr. Laverna M. Saunders, ed. Medford, NJ: Information Today, 1999: 39-60.
- "Electronic Theses and Dissertations: Merging Perspectives." In *Electronic Resources: Selection and Bibliographic Control*, Ling-yuh W. (Miko) Pattie and Bonnie Jean Cox, eds. New York: Haworth, 1996: 105-125. [Simultaneously published in *Cataloging and Classification Quarterly*, 22(3/4)]
- "Electronic Journals: Access through Libraries." In *The Virtual Library: Visions and Realities*. Dr. Laverna Saunders, ed. Westport, Conn.: Meckler, 1993: 111-129.

CONFERENCE PROCEEDINGS' PAPERS

- "The Digital Library: Without a soul can it be a library?" In *Books and Bytes: Technologies for the Hybrid Library*. Melbourne: Victoria Association for Library Automation, 2000: 255-271. (basis of invited plenary conference presentation)
- "[Digital] Libraries Support [Distributed] Education." In *Racing Toward Tomorrow: Association of College and Research Libraries Conference Proceedings*, Washington, DC: ACRL, 1999: <http://www.ala.org/acrl/mcmill.html> (8/14/00) (basis of conference presentation April 9, 1999).

"Perspectives on Electronic Theses and Dissertations: Authors, Advisors, Readers." *New Frontiers in Grey Literature: 4th International Conference on Grey Literature: GL'99 Proceedings*, Amsterdam: GreyNet, 1999:32-46. (basis of conference presentation, Oct. 4, 1999)

"[Evolving Genre of Electronic Theses and Dissertations](#)," with Ed Fox and John Eaton. In *Proceedings of the 32nd Hawaii International Conference on System Sciences*, Piscataway, NJ: IEEE, 1999. (basis of conference presentation)

"Scholarly Communications Project: Publishers and Libraries." *Scholarly Publishing on the Electronic Networks: Filling the Pipeline and Paying the Piper*: [proceedings of the symposium], Washington, D.C.: ARL, 1995: 135-145. (basis of conference presentation)

"A New Service from Libraries: Electronic Publishing." In *Continuity and Transformation: The Promise of Confluence: Proceedings of the Seventh National Conference of the Association of College and Research Libraries*, Richard AmRhein, ed. Chicago: ACRL, 1995: 257-266. (basis of conference presentation)

"Cataloging CD-ROMs: Serials? Computer Files? Serials Files? Computerials?" *New Scholarship: New Serials. Proceedings of the North American Serials Interest Group, Inc.* New York: Haworth, 1994: 87-101. (simultaneously in *Serials Librarian*, 24 no.3/4; (basis of conference presentation)

EDITORIAL ACTIVITIES

"Scholarly Communications," column co-editor with Ann Schaffner and Ivy Lee Anderson, *College & Research Libraries News*, Association of College and Research Libraries, Sept. 1999 to date.

Serials Review, JAI Press, editorial board member, 1991-2000.

Transforming Libraries 7: Issues and Innovations in Electronic Theses and Dissertations, George J. Soete, Washington, DC: Association of Research Libraries, 1998. Editorial advisor.

New Scholarship: New Serials. Proceedings of the North American Serials Interest Group, with Marilyn Norstedt, eds. New York: Haworth, 1994. [simultaneously published as a special issue of *The Serials Librarian*, 24 (1994)]

LIBRARY AND UNIVERSITY PUBLICATIONS RELATED TO LIBRARIANSHIP

REPORTS

"[Digitizing Images Tactical Plan](#)," with Annette Burr, James Powell, Gary Worley, for Information Systems, Feb. 1996.

"[Virginia Tech Digital Library Tactical Plan](#)," with Ed Fox, Susan Olivier, James Powell, for Information Systems, Feb. 1997.

"Report of the Scholarly Communications Task Force," with James Powell, Maggie Zarnoski, and Paul Metz. Blacksburg, Va.: University Libraries, May 1994 [updated June 24, 1994].

NEWSLETTERS/NEWSPAPERS

"Diversity of Donations: 10 Highlights from the Archive," with Donna Dunay. *IAWA Newsletter*, International Archive of Women in Architecture, 10 (fall 1998): 2-5.

"Redd Endowed Fund Established." *Library Friends*. 2 (1997): 3

"Course Materials Centralized Online." *Virginia Tech Spectrum*, Jan. 25, 1996:

"University Libraries Help Set Standards for ETDs," *Library Friends*, 1 (1996): 3.

"The University Libraries, Virginia Tech," with Don Kenney. *VTLS Express: 10th Anniversary Issue*. Blacksburg, VA: VTLS, 1995: 9.

WORLDWIDE WEB: SITES DESIGNED AND MAINTAINED (RECENT DESIGNS)

- Copyright: <http://scholar.lib.vt.edu/copyright/> (10/2/00)
- Digital Library and Archives homepage: <http://scholar.lib.vt.edu/> (9/30/00)
- ETD homepage: <http://scholar.lib.vt.edu/theses/> (8/8/00)
- Fenwick Collection: <http://spec.lib.vt.edu/civwar/Fenwick/> (8/8/00)
- Friends of University Libraries: <http://spec.lib.vt.edu/Friendshp.html> (8/8/00)
- IAWA: <http://spec.lib.vt.edu/iawa/> (8/8/00)
- Peacock-Harper Culinary Collection: <http://spec.lib.vt.edu/Culinary/> (8/8/00)