

Curriculum Vitae

JANE GREENBERG

School of Information and Library Science
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Personal Information

Born August 11, 1965 in Princeton, NJ

Excellent health

Married, two children (ages 3.5 and 5)

EDUCATION

- Ph.D., 1998 University of Pittsburgh, Department of Library and Information Sciences, School of Information Sciences
- M.S., 1992 Columbia University, School of Library Service (Specialization: Bibliographic Control)
- B.A., 1987 University of Rochester (Double major: Political Science and Art History)

PROFESSIONAL EXPERIENCE

- 2007-Present Francis Carroll McColl Term Professor, School of Information and Library Science (SILS), University of North Carolina at Chapel Hill, and Director, SILS Metadata Research Center
- 2004-2007 Associate Professor, School of Information and Library Science (SILS), University of North Carolina at Chapel Hill, and Director, SILS Metadata Research Center
- 1999-2004 Assistant Professor, School of Information and Library Science, University of North Carolina at Chapel Hill
- 1997-1998 Graduate Student Researcher, Pennsylvania Educational Network Digital Object Repository Project (PEN-DOR), University of Pittsburgh
- 1995-1998 Teaching Fellow, School of Information Sciences, University of Pittsburgh
- 1994-1995 Coordinator of Special Collections Cataloging (Center-wide) and Senior Cataloger, Moving Image and Recorded Sound Division, Schomburg Center for Research in Black Culture, New York Public Library
- 1994 Instructor, Graduate School of Library and Information Studies, Queens College, City University of New York

1993-1994	Collection Manager, Photographs and Prints Division, Schomburg Center for Research in Black Culture, New York Public Library
1992-1993	Technical Services Librarian, Bank Street College of Education
1992	Project Archivist and Cataloging Consultant, Special Collections, New York Botanical Garden
1991-1992	Graduate Assistant, Department of Education Rare Book Cataloging Grant, Avery Architectural and Fine Arts Library, Columbia University
1990-1991	Bibliographic Assistant, RLG Great Collections Microfilm Preservation Grant, Fales Library, New York University
1988-1989	Bibliographic Assistant, Butler Library, Columbia University
1987-1988	Reserve Assistant, Avery Architectural and Fine Arts Library, Columbia University
1986-1987	Cataloger, CitiBank Art Advisory Service, Private Banking and Investment Division, CitiCorp Center
1984-1986	Library Assistant, Rush Rhees Fine Arts Library, University of Rochester

RESEARCH GRANTS AND GIFTS

Institute of Museum and Library Studies, “Helping Integrative Vocabulary Engineering”

Principal Investigator: Jane Greenberg; Co-PI: Ryan Scherle, National Evolutionary Synthesis Center (NESCent)

Total: \$669,508 (\$334,699 award, \$334,809 matching)

Period: January 2009-June 2011

National Science Foundation, “Digital Repository for Preservation and Sharing of Data Underlying Published Works in Evolutionary Biology”

Principal Investigator: Kathleen Smith, NESCent/Duke University; Co-PIs: Jane Greenberg; Todd Vision, NESCent/UNC; William Michener, University of New Mexico; William Piel, Yale University

Total: \$2,186,000

Period: October 2008-September 2012

National Science Foundation, “BOT 2.0 - Botany through Web 2.0, the Memex and Social Learning”

Principal Investigator: Jane Greenberg; Co-PI, Alan Weakly, Associate Professor, UNC Herbarium and the North Carolina Botanical Garden

Total: \$192,290

Period: February 2008-January 2010

National Network of Libraries of Medicine, Southeastern/Atlantic Region, “Automatic Metadata Maintenance for NC Health Info and the Go Local Initiative (AMM-GO)”

Principal Investigators: Jane Greenberg; Christie Silbajoris, UNC Health Sciences Library

Total: \$40,000

Period: January 2007-December 2008

Institute of Museum and Library Services, “DigCCurr II: Extending an International Digital Curation Curriculum to Doctoral Students and Practitioners”

Principal Investigator: Helen Tibbo; Co-PI: Cal Lee;

Total: \$1,718,783 total (\$870,606 award, \$848,177 matching); Jane Greenberg (0.05 FTE)

Period: 2009-2011

Microsoft Research, “Memex Metadata (M²) for Student Portfolios Project

Principal Investigator: Jane Greenberg; Co-PIs: John Oberlin, Interim CIO; Peter White, North Carolina Botanical Garden and UNC Biology Department.

Technology award: 2 SenseCams, MyLifeBits personal management software, and two tablet PCs

Total: \$49,500 (funding from UNC/Information Technology Services)

Period: 2005-2007

National Science Foundation, “CSBE: A Place for Evolutionary Synthesis in North Carolina’s Research Triangle”

Principal Investigator: Kathleen Smith, NESCent/Duke Univ. (NESCent award: \$14,969,968, 2004-2009)

Total (subcontract): \$213,765; continuation: \$19,339 (Greenberg, PI for subcontract)

Period: 2006-2008; continuation: 2009

Sarah T. and Claude Snow, Jr., “Metadata Research Center launch gift,” 2004

Gift: \$25,000, supplemental gift: \$1,500 (Fall 2005), 2000 (2008)

Library of Congress, “Automatic Metadata Generation Applications (AMeGA) Project

Principal Investigator: Jane Greenberg

Total: \$10,000

Period: 2004-2005

Institute of Museum and Library Services, “Project OpenKey: Illinois-North Carolina Collaborative Environment for Botanical Resources,” 2002-2005.

Principal Investigator: Bryan Heidorn, University of Illinois at Urbana Champaign; Co-PI: Jane Greenberg

Total: \$250,000; UNC Award: \$119,115

Period: 2002-2005

University of North Carolina, University Research Council, “User-Center Metadata Research”

Principal Investigator: Jane Greenberg

Total: \$5,000

Period: 2003-2005

OCLC Online Computer Library Center (OCLC), "Optimizing Metadata Creation: A Model for Integrating Human and Automatic Processes"

Principal Investigator: Jane Greenberg

Total: \$10,000

Period: 2002-2003

National Library of Medicine, "NC Health Info Project"

Principal Investigators: Carol G. Jenkins, Health Sciences Library; Joanne Gard Marshall, SILS; Diana McDuffee, NC AHEC Library and Information Services

Total: \$358,923; Jane Greenberg (0.05 FTE)

Period: 2002-2003

Faculty Information Technology Advisory Committee (FITAC), Digital Service Grant Program, "Type specimens from the UNC Herbarium," 2001

Principal Investigators: Jane Greenberg; Evelyn Daniel, SILS; Peter White, North Carolina Botanical Garden and UNC Biology Department

Award: Digitization and cataloging expenses paid in full for approximately 500 "Type Specimens" from the UNC Herbarium

Period: 2001

Microsoft Research, "Metadata Generation for Web Resources"

Principal Investigator: Jane Greenberg

Total: \$25,000, 3 desktop computers, and one laptop

Period: 2002-2004

Institute of Museum and Library Services, "UNC Plant Information Center (PIC)"

Principal Investigator: Evelyn Daniel; Co-PI: Peter White; Project Principal and Research Coordinator: Jane Greenberg

Total: \$216,622

Period: 1999-2002

National Library of Medicine, "North Carolina Health Information Online," 2000-2001

Principal Investigators: Carol G. Jenkins, Health Sciences Library; Joanne Gard Marshall, SILS; Diana McDuffee, NC AHEC Library and Information Services

Total: \$38,045; Jane Greenberg (0.05 FTE)

Period: 2000-2001

National Endowment for the Humanities, "Resources for African Diaspora Studies," 1995-1997

Principal Investigator: James Briggs Murray, Schomburg Center for Research Black Culture, New York Public Library

Total: \$190,250; Jane Greenberg (0.10 FTE)

Period: 1995

PENDING RESEARCH GRANTS

MacArthur Foundation, earth+life+casters

Principal Investigator: Jane Greenberg

Total: \$208,594

Period: June 2009-May 2010

National Science Foundation, The National Evolutionary Synthesis Center

Principal Investigator: Kathleen Smith, NESCent/Duke Univ.

Total (UNC budget): \$1,508,763; Greenberg, Co-PI for UNC

Period: December 2009-November 2014

National Science Foundation, “DataNet Preliminary Proposal: GRADD—Global Research Alliance for Digital Data”

Principal Investigator, Elisabeth Wilson, Univ. of Washington

Total: \$19,999,542; Jane Greenberg (0.10 FTE)

Period: October 2009-September 2014

National Institute of Health, “SPIROMICS: Genomics and Informatics Center”

Principal Investigator: Lisa LaVange, UNC Biostatistics Department

Total: \$8,162,025; Jane Greenberg, Bioinformatist (0.08 FTE)

Period: 2009-2012

GRANT ADVISORY BOARD APPOINTMENTS

Institute of Museum and Library Services, “High-Throughput Workflow for Computer-assisted Human Parsing of Biological Specimen Label Data”

Principal Investigator: William Moen, University of North Texas

Jane Greenberg (Advisory Board member)

National Science Foundation, “Collaborative Research: Curriculum Development: Digital Libraries,” 2006-2008

Principal Investigators: Barbara Wildemuth, SILS; Edward Fox, Virginia Tech; Co-PI: Jeffrey Pomerantz, SILS

Jane Greenberg (Advisory Board member)

Institute of Museum and Library Services, “Digital Collection and Content Project,” 2002-2005

Principal Investigator: Timothy W. Cole, University of Illinois at Urbana Champaign (UIUC); Co-PIs: Carole Palmer, UIUC; Michael Twidale UIUC

Jane Greenberg (Steering Committee member)

HONORS AND SPECIAL APPOINTMENTS

- 2008 Frederick G. Kilgour Award for Research in Library and Information Technology
- 2008 Co-Chair DC-2008: Metadata for Semantic and Social Applications. International Conference on Dublin Core and Metadata Applications, 22-26 September, 2008, Berlin, Germany
- 2007-2009 Frances Carroll McColl Term Professorship
- 2007 *Knitting Semantic Web* (editors: Jane Greenberg and Eva Méndez), nominated for ASIST Best Book Award for 2008 (for a work published in 2007)
- 2007 Keynote presentation, “Web Semantics: Addressing the Metadata Generation Challenge,” II Encuentro Nacional de Catalogación y Metadatos Centro Universitario de Investigaciones Bibliotecológicas (Conference on Cataloguing and Metadata) UNAM, the National Autonomous University of Mexico, Mexico City
- 2007 Nominated for the Computerworld Horizon Award
- 2005-Present Dublin Core Advisory Board Member
- 2003 Distinguished Speakers Series, School of Library, Archival and Information Studies, University of British Columbia, Vancouver, Canada, October 3, 2006. Invited speaker, presentation: “Optimal Metadata Generation Methods.”
- 2003 Co-Chair DC-2003: Supporting Communities of Discourse and Practice—Metadata Research and Applications International Conference on Dublin Core and Metadata Applications, September 28 - October 2, Seattle, Washington
- 1997 Managing Electronic Records (MER) Scholarship, Cohasset Associates
- 1995 Teaching Fellowships, School of Information Sciences, University of Pittsburgh
- 1996 Certificate of Appreciation for service as Society of American Archivists Visual Materials Cataloging and Access Roundtable
- 1992 Elected to Beta Phi Mu, The International Library and Information Studies Honor Society
- 1992 Tauber-Begner Award for Excellence in Technical Services, School of Library Services, Columbia University

MONOGRAPHIC PUBLICATIONS

Greenberg, J. and Klaus, W. (Eds.) (2008). *DC-2008: Metadata for Semantic and Social Applications. International Conference on Dublin Core and Metadata Applications, 22-26 September, 2008, Berlin Germany.* (Online proceedings available at: <http://dcpapers.dublincore.org/index.php/pubs>; and http://webdoc.sub.gwdg.de/univerlag/2008/DC_proceedings.pdf).

Greenberg, J. and Méndez, E. (Eds.). (2007). *Knitting the Semantic Web.* New York: Haworth Information Press. (Monograph also published as *Cataloging & Classification Quarterly*, 43 (3/4)).

Sutton, S. Greenberg, J., and Tennis, J. (Eds.). *2003 Dublin Core Conference: Supporting Communities of Discourse and Practice—Metadata Research and Applications. DC-2003: Proceedings of the International DCMI Conference and Workshop, September 28-October 2, 2003, Seattle, Washington.* Syracuse, NY: Information Institute of Syracuse (ISBN NOTE: Print: 0-9745303-0-1; Online: 0-9745303-1-x, available at: <http://purl.oclc.org/dc2003>).

Greenberg, J., (Ed.). (2000). *Metadata and Organizing Educational Resources on the Internet.* New York: Haworth Information Press. (Monograph also published as *Journal of Internet Cataloging*, 3 (1-2/3)).

Greenberg, J. (1998). An Examination of the Impact of Lexical-semantic Relationships on Retrieval Effectiveness During the Query Expansion Process. Submitted to the Graduate Faculty of the Department of Information Science, School of Information Sciences, University of Pittsburgh. [UMI No. 9919284] (Advisor: Edie Rasmussen).

REFEREED ARTICLES, PROCEEDINGS PAPERS, AND CHAPTERS

Greenberg, J. (2009, in press). Theoretical Considerations of Lifecycle Modeling: An Analysis of the Dryad Repository Demonstrating Automatic Metadata Propagation, Inheritance, and Value System Adoption. *Cataloging and Classification Quarterly*, 47 (3/4): [40 manuscript pages].

Greenberg, J. (2009, in press). Metadata and Digital Information. *Encyclopedia of Library and Information Science*, New York: Marcel Dekker, Inc. [50 manuscript pages].

Greenberg, J. (2009, in press). A History of Metadata. In Miguel-Angel Sicilia, *Handbook of Metadata, Semantics and Ontologies.* World Scientific Publishing Co. [19 manuscript pages].

Greenberg, J. (2009, in press). Theories of Evolution and Cultural Diffusion: The Dryad Repository Case Study for Understanding Changes in Organizing Information Practices. *iSociety: Research, Education, Engagement. 2009 iConference*, February, 8-11, Chapel Hill, North Carolina. [7 pages].

White, H., Carrier, C., Thompson, H., Greenberg, J., and Scherle, R. (2008). The Dryad Data Repository: A Singapore Framework Metadata Architecture in a DSpace Environment. In *DC-2008: Metadata for Semantic and Social Applications. International Conference on Dublin Core and Metadata Applications*, 22-26 September, 2008, Berlin Germany, pp. 157-162.

Greenberg, J. (2007). Advancing the Semantic Web via Library Functions. *Cataloging & Classification Quarterly*, 43 (3/4): 203-225.

Translated into Serbian: Grinberg, D. (2007). *Unapređenje Semantičkog Veba Pomoću Bibliotečkih Funkcija. Glasnik Narodne Biblioteke Srbije (Herald of the National Library of Serbia)*, 1: 79-95; available at: http://www.nb.rs/view_file.php?file_id=2250.

Severiens, T and Greenberg, J. (2007). The DCMI Tools Application Profile. In *DC-2007: Application Profiles: Theory and Practice. International Conference on Dublin Core and Metadata Applications*, Singapore, August 27-31, 2007, pp. 30-34.

Carrier, S., Dube, J., and Greenberg, J. (2007). The DRIADE Project: Phased Application Profile Development in Support of Open Science. In *DC-2007: Application Profiles: Theory and Practice. International Conference on Dublin Core and Metadata Applications*, Singapore, August 27-31, 2007, pp. 35-42.

Greenberg, J. and Severiens, T. (2007). DCMI-Tools: Ontologies for Digital Application Description. In Leslie Chan and Bob Martens (Eds.) *ELPUB2007. Openness in Digital Publishing: Awareness, Discovery and Access - Proceedings of the 11th International Conference on Electronic Publishing*, Vienna, Austria 13-15 June 2007, pp. 437-444. Also available at: http://elpub.scix.net/data/works/att/123_elpub2007.content.pdf.

Greenberg, J., Spurgin, K. and Crystal, A. (2006). Functionalities for Automatic-Metadata Generation Applications: A Survey of Metadata Experts' Opinions. *International Journal of Metadata, Semantics, and Ontologies*, 1 (1):1: 3-20.

Greenberg, J., Méndez, E., Crystal, A., Sharma, A., Oberlin, J., and Shoffner, M. (2006). Memex Metadata (M²) for Reflective Learning. *DC-2006: Metadata for Knowledge and Learning: Proceedings of the International Conference on Dublin Core and Metadata Applications*, Manzanillo, Colima, Mexico, October 3-6, 2006, pp. 169-189. Also, available at: <http://www.ils.unc.edu/mrc/pdf/greenberg06m2.pdf>.

Crystal, A. and Greenberg, J. (2006). Relevance Criteria Identified by Health Information Users During Web Searches. *Journal of the American Society for Information Science & Technology*, 57 (10): 1368-1382.

Méndez, E. and Greenberg, J. (2006). Metadata and Ontologies for Organizing Students' Memories and Learning: Standards and Convergence Models for Content Awareness." In Guerreiro-Bote, Vicente P. (Ed.) *InSciT2006: International Conference on Multidisciplinary Information Sciences and Technologies*, Mérida, Spain, October 25-28, 2006, pp. 309-314.

Greenberg, J. (2005). Understanding Metadata and Metadata Schemes. *Cataloging & Classification Quarterly*, 40 (3/4): 17-36. (Article also published as a chapter in R. P. Smiraglia (Ed.). *Metadata: A Cataloger's Primer*. New York: Haworth Information Press.)

Greenberg, J., Heidorn, B., Seiberling, S., and Weakly, A. (2005). Growing Vocabularies for Plant Identification and Scientific Learning. *Vocabularies in Practice: International Conference on Dublin Core and Metadata Applications*, September 12-15, 2005. Madrid, Spain.

Translated into Chinese: Greenberg, J.; Heidorn, B. Seiberling, S. and Weakley, A. S.

(2006). 为植物鉴定和学习科学建立词表. (Growing Vocabularies for Plant Identification and Scientific Learning). *New Technology of Library and Information Service*, 1: 33-43. (Available online at:

http://d.wanfangdata.com.cn/Periodical_xdtsqbjs200601006.aspx).

Crystal, A. and Greenberg, J. (2005). Usability of a Metadata Creation Application for Resource Authors. *Library and Information Science Research*, 27 (2): 177-189.

Greenberg, J. (2004). Metadata Extraction and Harvesting: A Comparison of Two Automatic Metadata Generation Applications. *Journal of Internet Cataloging*, 6 (4): 59-82.

Robertson, W. D. and Greenberg, J. (2004). Architecting a Cross-Disciplinary Thesaurus for the Semantic Web. *DC-2004: Metadata across Languages and Cultures: Proceedings of the International Conference on Dublin Core and Metadata Applications*, October 11-14, 2004, Shanghai, China. Shanghai: Shanghai Scientific & Technological Literature Publishing House, pp. 231-235. Also available at:

http://purl.org/metadataresearch/dcconf2004/papers/Paper_11.pdf.

Greenberg, J. (2004). User Comprehension and Searching with Information Retrieval Thesauri. *Cataloging & Classification Quarterly*, 37 (3/4): 103-130.

Article also published as a chapter in Sandy Roe and Alan R. Thomas (Eds.). *The Thesaurus: Review, Renaissance and Revision*. New York: Haworth Information Press.

Greenberg, J. (2003). Metadata and the World Wide Web. *Encyclopedia of Library and Information Science*, pp. 1876-1888. New York: Marcel Dekker, Inc.

Earlier version of publication published as Greenberg J. (2002). *Encyclopedia of Library and Information Science*, 72: 344-261. New York: Marcel Dekker, Inc.

Greenberg, J., Crystal, A., Robertson, W. D., and Leadem, E. (2003). Iterative design of Metadata Creation Tools for Resource Authors. *2003 Dublin Core Conference: Supporting Communities of Discourse and Practice – Metadata Research and Applications. DC-2003: Proceedings of the International DCMI Conference and Workshop*. September 28 - October 2,

2003, Seattle, Washington. Syracuse, NY: Information Institute of Syracuse, pp. 49-58. Also available at: http://www.siderean.com/dc2003/202_Paper82-color-NEW.pdf.

Newby, G., Greenberg, J., and Jones, P. (2003). Open Source Software Development and Lotka's Law: Bibliometric Patterns in Programming. *Journal of the American Society for Information Science and Technology*, 54 (2): 169-178.

Greenberg, J. and Robertson, D. W. (2002). Semantic Web Construction: An Inquiry of Authors' Views on Collaborative Metadata Generation. DC-2002: Metadata for e-Communities: Supporting Diversity and Convergence. *Proceedings of the International Conference on Dublin Core and Metadata for e-Communities*, 2002, Florence, Italy. October 13-17. Firenze University Press (ISBN: 88-843-043-1), pp. 45-52. Also available at: <http://www.bncf.net/dc2002/program/ft/paper5.pdf>.

Greenberg, J. Bullard, K., James, M. L., Daniel, E., and White, P. (2002). Student Comprehension of Classification Applications in a Science Education Digital Library. In Maristella Agosti and Constantino Thanos (Eds.). *Research and Advanced Technology for Digital Libraries, 6th European Conference, ECDL 2002*, Rome, Italy, September 16-18, Proceedings. Lecture Notes in Computer Science 2458 Springer (ISBN 3-540-44178-6), pp. 560-567.

Dempsey, B., Weiss, D., Jones, P., and Greenberg, J. (2002). Who is an Open Source Developer? A Quantitative Profile of a Community of Open Source Linux Developers. *Communications of the ACM*, 45 (2): 67-72.

Greenberg, J., Pattuelli, M. C., Parsia, B., and W. D. Robertson. (2001). Author-generated Dublin Core Metadata for Web Resources: A Baseline Study in an Organization. *Journal of Digital Information*, 2 (2): <http://jodi.ecs.soton.ac.uk/Articles/v02/i02/Greenberg/>.

Earlier version published in Keizo Oyama and Hironobu Gotoda (Eds.). *DC-2001 Proceedings of the International Conference on Dublin Core and Metadata Applications 2001*. National Institute of Informatics, Tokyo, Japan.. Published on October 24, 2001 by the National Institute of Informatics (ISBN 4-924600-98-9), pp. 38-46. Online proceedings: <http://www.nii.ac.jp/dc2001/>.

Robertson, W. D., Leadem, E. M., Dube, J., and Greenberg, J. (2001). Design and Implementation of the National Institute of Environmental Health Sciences Dublin Core Metadata Schema. In Keizo Oyama and Hironobu Gotoda (Eds.). *DC-2001 Proceedings of the International Conference on Dublin Core and Metadata Applications 2001*. National Institute of Informatics, Tokyo, Japan.. Published on October 24, 2001 by the National Institute of Informatics (ISBN 4-924600-98-9), pp. 193-199. Online proceedings: <http://www.nii.ac.jp/dc2001/>.

Greenberg, J. (2001). A Quantitative Categorical Analysis of Metadata Elements in Image Applicable Metadata Schemas. *Journal of the American Society for Information Science and Technology*, 52 (11): 917-914.

Greenberg, J. (2001). Optimal QE Processing Methods with Semantically Encoded Structured Thesauri Terminology. *Journal of the American Society for Information Science and Technology*, 52 (6): 487-498.

Greenberg, J. (2001). Metadata Applications for the Plant Information Center (PIC): A Web-based Scientific Learning Center. *Interactive Learning Environments*, 9 (3): 291-313.

Greenberg, J. (2001). Automatic Query Expansion via Lexical-semantic Relationships. *Journal of the American Society for Information Science and Technology*, 52 (5): 402-415.

Greenberg, J. (2001). A Comparison of Web-resource Access Experiments: Planning for the New Millennium. In Sandberg-Fox (Ed.). *Proceedings of the Bicentennial Conference on Bibliographic Control for the New Millennium: Confronting the Challenges of Networked Resources and the Web*, Library of Congress, Washington, D.C., November 15-17, 2000 (ISBN 0-8444-1046-2), pp. 343-355. Online proceedings:

<http://lcweb.loc.gov/catdir/bibcontrol/greenberg.html>. [Cybercast:

<http://www.loc.gov/locvideo/catalog/bibcontrol/greenberg/greenberg.html>].

Daniel, E., White, P., Greenberg, J., and Massey, J. (2000). The Plant Information Center. First Monday: *Peer Reviewed Journal on the Internet*, 5 (6): http://www.firstmonday.org/issues/issue5_6/daniel/index.html.

Greenberg, J., Fullerton, K. and Rasmussen, E. (2000). Metadata for a Digital Library of Educational Resources. *Journal of Internet Cataloging*, 3 (2/3): 124-144.

Also published in Greenberg, J. (Ed.). (2000). *Metadata and Organizing Educational Resources on the Internet*. New York: Haworth Information Press.

Greenberg, J., Daniel, E., Massey, J., and White, P. (2000). The Plant Information Center (PIC): A Web-based Learning Center for Botanical Study. In *Proceedings of WebNet 2000 World Conference on the WWW and Internet*, San Antonio, Texas; October 20 - November 4, 2000. AACE Association for the Advancement of Computing in Education, pp. 217-226.

Weibel, S. L., Greenberg, J., Wendler, R. Z., and Malone, D. (2000). Metadata. *The Serials Librarian*, 38 (1): 5-15.

Fullerton, K., Greenberg, J., Rasmussen, E., and Stewart, D. (1999). A Digital Library for Education: The PEN-DOR Project. *The Electronic Library*, 17 (2): 75-82.

Greenberg, J. (1998). On Natural Language Processing's Applicability to Archival Properties and Archival Objectives. *American Archivist*, 61 (2): 400-424. Abstract available at: http://www.archivists.org/periodicals/abstract-aa61_2.html.

Greenberg, J. (1997). Reference Structures: Stagnation, Progress, and Future Challenges. *Information Technology and Libraries*, 16 (4): 108-119. Abstract available at: <http://www.lita.org/ital/ital1603.htm#greenberg>.

Greenberg, J. (1996). Cataloging Ephemera: MARC-AMC Options for Subject Control. *Popular Culture in Libraries*, 4 (1): 71-91.

Greenberg, J. (1993). Intellectual Control of Visual Archives: A Comparison Between the Art and Architecture Thesaurus and The Library of Congress Thesaurus for Graphic Materials. *Cataloging & Classification Quarterly*, 16 (1): 85-117.

REFEREED SHORT PAPERS, ABSTRACTS, AND PRESENTATIONS

Carrier, S., and Greenberg, J. (2009, in press). The Dryad Repository Application Profile: Groundwork Towards a Metadata Scheme for Scientific Data. In *DigCCurr 2009: Digital Curation Practice, Promise and Prospects*. April 1-3, 2009, Chapel Hill, North Carolina.

Greenberg, J. and Kramer-Duffield, J. (2008). Engaging Students in the Metadata Enterprise for Studying Scientific Specimens for the “Retrieving and Using Visual Resources: Challenges and Opportunities for Research and Education panel”. In *Proceedings of the American Society for Information Science and Technology*, October 24-29, 2008, Columbus, Ohio. Available online at: <http://www.asis.org/Conferences/AM08/papers/50.html>.

Shoffner, M., Greenberg, J., Kramer-Duffield, J., and Woodbury, D. (2008). Web 2.0 Semantic Systems: Collaborative Learning in Science In *DC-2008: Metadata for Semantic and Social Applications. International Conference on Dublin Core and Metadata Applications*, 22-26 September, 2008, Berlin Germany, pp. 209-210.

Greenberg, J., Daniel, E., Kramer-Duffield, J., Seiberling, S., Weakly, A., and Woodbury, D. (2008). BOT 2.0 – Botany through Web 2.0, the Memex and Social Learning. *Inventions and Impact 2: Building Excellence in Undergraduate Science, Technology, Engineering, and Mathematics (STEM) Education: A Conference of Course, Curriculum, and Laboratory Improvement (CCLI) Program* National Science Foundation, Division of Undergraduate Education, 13–15 August 2008, Washington DC, pp. A32.

Dube, J., Carrier, S., Greenberg, J., and White, H. (2008). Dryad: A Data Repository for Evolutionary Biology. In *Bulletin of IEEE Technical Committee on Digital Libraries*, (4) 1: <http://www.ieee-tcdl.org/Bulletin/v4n1/dube/dube.html>.

Scherle, R., Carrier, S., Greenberg, J., Lapp, H., Thompson, A., Vision, T., and White, H. (2008). Building Support for a Discipline-Based Data Repository. In *Proceedings of the 2008 International Conference on Open Repositories*: http://pubs.or08.ecs.soton.ac.uk/35/1/submission_177.pdf.

Greenberg, J. (2007). DRIADE’s Devotion to <Metadata>. American Library Association Annual Conference, June 24, 2007. [<http://www.texadata.com/2007/06/bringing-order-to-chaos-managing.htm>].

- Dube, J., Carrier, S. and Greenberg, J. (2007). DRIADE: A Data Repository for Evolutionary Biology. In *Proceedings of the 2007 Conference on Digital Libraries*, Vancouver, British Columbia, Canada, June 18-23, 2007, pp. 481.
- Greenberg, J. (2007). Consensus Building and Prioritizing <Metadata> Development for Project DRIADE: A Case Study. Data Sets: Metadata and Management Panel. *DigCCur 2007: An International Symposium on Digital Curation*, Chapel Hill North Carolina, April 18, 2007.
- Greenberg, J. and Bailey, E. (2007). Memex Metadata: Augmenting Student Memory and Enhancing Learning. *UNC Teaching and Learning with Technology (TLT) Conference, Building Connections*, March 22, 2007.
- Barreau, D., Crystal, A., Greenberg, J., Sharma, A., Conway, M., Oberlin, J., Shoffner, M., and Seiberling, S. (2006). Augmenting Memory for Student Learning: Designing a Context-Aware Capture System for Biology Education. *ASIST 2006 Annual Meeting: Information Realities: Shaping the Digital Future for All*. Austin, TX, November 3-8, 2006.
- Barreau, D., Crystal, A., Greenberg, J. and Sharma, A. (2006). Personal Information Management in Context. In *Now That We're Talking, What Are We Learning? Personal Information Management in Context Workshop, 29th Annual International ACM SIGIR Conference*. Seattle, Washington, August 10-11, 2006. [Team poster and abstract; paper authored by Barreau, D., pp. 6-7].
- Greenberg, J. (2005). Metadata Quality: A Hierarchy of Criteria. *Proceedings of the American Society for Information Science and Technology*, Charlotte, North Carolina, October 28-November 2, 2005.
- Greenberg, J. (2005). The Promise of Automatic Metadata Generation in the Corporate Environment. The Promise of Automatic Metadata Generation in the Corporate Environment. Dublin Core Global Corporate Circle. Vocabularies in Practice: *International Conference on Dublin Core and Metadata Applications*, Madrid, Spain, September 12-15, 2005.
- Greenberg, J. and Heidorn, B. (2003). OpenKey: Digital Models for Taxonomic Description. National Science Foundation/National Science Digital Library/Institute of Museum and Library Services (NSF/NSDL/IMLS) Principal Investigators Meeting 2003. Washington, D.C., November 30-December 2, 2003.
- Harper, C.A., Greenberg, J., Robertson, D.W., and Leadem, E. (2002). Abstraction versus Implementation: Issues in Formalizing the NIEHS Application Profile. *DC-2002: Metadata for e-Communities: Supporting Diversity and Convergence. Proceedings for the International Conference on Dublin Core and Metadata for e-Communities*, 2002, Florence, Italy. October 13-17. Firenze University Press (ISBN: 88-843-043-1), pp. 213-215.

Greenberg, J. (2002). An Examination of Scientists' Ability to Create Subject Metadata for Webpages. Subject Metadata From the Other Side. In *Proceedings of the American Society for Information Science and Technology*, Philadelphia, PA, November 18-21, 2002, pp. 527-528. [Greenberg, J. (2002). Designing a Digital Herbarium. IMLS Grantee Meeting. DLI-2 All-Projects Meeting, Stratford-upon-Avon, Warwickshire, June 12-13, 2000.

Greenberg, J. (1999). Metadata: Defining a Research Agenda. Metadata Architecture: Issues, Problems, and Future Research Panel. In *Proceedings of the American Society for Information Science and Technology*, Washington, D.C., October 31-November 4, 1999.

Greenberg, J. (1999). Metadata Elements and Search Engines. *North American Serial Interest Group, Inc. (NASIG), 14th Annual Conference*, Pittsburgh, PA, June 10, 1999.

Bright, M., Fullerton, K., Greenberg, J., McClure, M., Rasmussen, E., and Stewart, D. (1998). A Digital Library for K-12 Educators: the PEN-DOR Project. *International Joint Workshop on Digital Libraries, IJWDL'98*, September 7-9, 1998, Asian Institute of Technology, Bangkok, Thailand.

Greenberg, J. (1998). CONDOC2 and Access to Archival Materials Via the OPAC. Society of American Archivists Annual Conference, Orlando, FL, August 31, 1998.

ADDITIONAL PUBLISHED WORK

Journal and Bulletin Publications

Greenberg, J. and Severiens, T. (2006). Metadata Tools for Digital Resource Repositories: JC DL 2006 Workshop Report. *D-Lib Magazine*, 12(7/8): <http://www.dlib.org/dlib/july06/greenberg/07greenberg.html>.

Greenberg, J., Heidorn, B., Seiberling, S., and Weakly, A. (2006). Growing Vocabularies for Plant Identification and Scientific Learning. *Bulletin of the American Society for Information Science and Technology* 32-5: 17-19. Also available at: http://www.asist.org/Bulletin/June06/greenberg_heidorn_sieberling_weakley.html.

Greenberg, J. (2003). The Semantic Web: More than a Vision. *Bulletin of the American Society for Information Science and Technology*, 29(4): 6-7. Also available at: <http://www.asis.org/Bulletin/Apr-03/BulletinAprMay03.pdf>.

Greenberg, J., Sutton, S., and Campbell, G. D. (2003). Metadata: A Fundamental Component of the Semantic Web. *Bulletin of the American Society for Information Science and Technology*, 29(4): 16-18. Also available at: <http://www.asis.org/Bulletin/Apr-03/BulletinAprMay03.pdf>.

Greenberg, J. (2003). Metadata Generation: Processes, People and Tools. *Bulletin of the American Society for Information Science and Technology*, 29(2): 18-21. Also available at: <http://www.asis.org/Bulletin/Dec-02/ASISTDecJan.pdf>.

Reports

Greenberg, J., Lapp, H., and Vision, T. (2007). *Data Preservation, Sharing, and Discovery: Challenges for Small Science in the Digital Era*. NSF, NESCent, and MRC funded workshop, May 16-17, 2007, NESCent, Durham, NC.

Greenberg, J., Spurgin, K., and Crystal, A. (2005). *Final Report for the AMeGA (Automatic Metadata Generation Applications) Project*. Submitted to the Library of Congress February, 17, 2005. available at: http://www.loc.gov/catdir/bibcontrol/lc_amega_final_report.pdf.

Casey, D. D., Beall, J. Cervone, F., Chan, L. M., Childress, E., Clarke, S., Culbertson, B., Dede, B., El-Hoshy, L., Glassel, A., Greenberg, J., Greever, K., Harken, S. E., Hoffman, S. L., Kuhr, P., Shatford Layne, S., Massey, K., Mugridge, R., New, G., Pillow, R. E., Roe, S. K., Sandberg-Fox, A. M., Trumble, B., Whited, M., and Wool, G. (2001). *ALCTS CCS SAC [Association of Library Collections and Technical Services, Cataloging and Classification Section, Subject Analysis Committee] Subcommittee on Metadata and Subject Analysis*. Available at: <http://www.govst.edu/users/gddcasey/sac/msafinalreport.html>.

Dempsey, B. J., Weiss, D., Jones, P., and Greenberg, J. (1999). *A Quantitative Profile of a Community of Open Source Linux Developers*. <http://ils.unc.edu/ils/research/reports/TR-1999-05.pdf>.

Casey, D. D., Beall, J. Cervone, F., Chan, L. M., Childress, E., Clarke, S., Culbertson, B., Dede, B., El-Hoshy, L., Glassel, A., Greenberg, J., Greever, K., Harken, S. E., Hoffman, S. L., Kuhr, P., Shatford Layne, S., Massey, K., Mugridge, R., New, G., Pillow, R. E., Roe, S. K., Sandberg-Fox, A. M., Trumble, B., Whited, M., and Wool, G. (1999). *Subject Data in the Metadata Record: Recommendations and Rationale. A Report from the ALCTS/CCS/SAC/Subcommittee on Metadata and Subject Analysis*. Available at: <http://www.ala.org/ala/alctscontent/catalogingsection/catcommittees/subjectanalysis/metadatanandsubje/subjectdata.htm>.

Greenberg, J., Hemmasi, H., Kuhr, P. Michel, D., Riel, S., Strawn, G., Wool, G., El-Hoshy, L. (1997). *Final Report to the ALCTS/CCS Subject Analysis Committee Subcommittee on Subject Relationships/Reference Structures June 1997*. Available at: http://www.ala.org/Content/ContentGroups/ALCTS1/Cataloging_and_Classification_Section/Committees3/Subject_Analysis/Subject_Relations/Final_Report.htm.

Editorial and Newsletter Publications

Greenberg, J. (2003). Metaviews in the Millennium: Research and Education. *Journal of Internet Cataloging*, 6(1): 9-14.

Greenberg, J. (2000). Metadata Questions in the Evolving Internet-based Educational Terrain. In Greenberg, J. (Ed.). *Metadata and Organizing Educational Resources on the Internet*. New York: Haworth Information Press. (Also published in *Journal of Internet Cataloging*, 3 (1): 1-11.

Greenberg, J. (1999). Metaviews: Research and Education. *Journal of Internet Cataloging*, 2(2): 7-14.

Cox, R., Greenberg, J., and Porter, C. (1998). Access Denied: The Discarding of Library History. *American Libraries*, 29(4): 57-61.

Greenberg, J. (1996). Visual Materials Cataloging and Access Roundtable (VMCAR) [report], and Letter to the Library of Congress supporting the preservation of American television and video and outlining a cataloging agenda. *VIEWS: The Newsletter of the Visual Materials Section, Society of American Archivists*, 10 (3): 2-3, 5.

Greenberg, J. (1996). Visual Materials Cataloging and Access Roundtable (VMCAR) [report]. *VIEWS: The Newsletter of the Visual Materials Section, Society of American Archivists*, 10 (2): 3-4.

Greenberg, J. (1995). On Schomburg and NACO. *Research Library Notes, NYPL*, 6(2): 18-19.

Greenberg, J. (1993). The New York Public Library Staff Association, 1917-1953. *Research Library Notes, NYPL*, 5(2): 25-26.

Book Reviews

Greenberg, J. (2003) - *Review of* - Fensel, D. (Ed.); Wahlster, W.; Lieberman, H. and Hendler, J. (2002). *Spinning the Semantic Web: Bringing the World Wide Web to Its Full Potential*. Boston, MA: MIT Press. Review published in *Journal of Academic Librarianship*, 28(4): 261-262.

Greenberg, J. (2002) - *Review of* - Schwartz, C. (2002). *Sorting Out the Web: Approaches to Subject Access*. Westport, Connecticut: Ablex Publishing, 2000. Review published in *Journal of Academic Librarianship*, 28(4): 261-262.

Greenberg, J. (2000) - *Reviews of* - Lanzi, E. (1998). *Introduction to Vocabularies: Enhancing Access to Cultural Heritage Information*. The J. Paul Getty Trust, Getty Information Institute, 1998.

Greenberg, J. (2000) - *Reviews of* - Fox, M. and Wilkerson, P. *Introduction to Archival Organization and Description*. The J. Paul Getty Trust, Getty Information Institute, 1998. Reviews published in *Library Resources and Technical Services*, 4(2): 106-107.

Greenberg, J. (1995) - *Review of* - Blake, V. L. P. (1995). *Mapping Curricular Reform in Library/Information Science Education: The American Mosaic*. New York. The Haworth Press. Review published inside the monograph, p. 4.

Editorial Work

Bogan, R. A. (2004). A Call for Organizational Research in Cataloging Departments. In Greenberg, J. (Ed). *Metaviews in the New Millennium: Research and Education*. *Journal of Internet Cataloging*, 6(4): 5-14.

Martinez Arellano, F. F. (2004). Internet and Electronic Resources Impact on Mexican LIS Education and Research. In Greenberg, J. (Ed). *Metaviews in the New Millennium: Research and Education*. *Journal of Internet Cataloging*, 6(3): 7-18.

Greenberg, J. (2003). The Semantic Web [special section of the bulletin]. *Bulletin of the American Society for Information Science and Technology*, 29(4): 6-22. Also available at: <http://www.asis.org/Bulletin/Apr-03/BulletinAprMay03.pdf>.

Poulter, A. (2003). Metaviews: Metadata Research and Teaching in the United Kingdom and Ireland. In Greenberg, J. (Ed). *Metaviews in the New Millennium: Research and Education*. *Journal of Internet Cataloging*, 6(2): 7-16.

Hyslop, C. F. (1997). Highlights of the Program for Cooperative Cataloging: The Core Record and Consolidation of CONSER and PCC. [Briefing paper no. 11] *ALCTS Newsletter*, 8(4): A-D.

Crosby, E. (1997). Towards "CONDOC 2": Identifying New Requirements for Online Catalogs. [Briefing paper no. 10] *ALCTS Newsletter*, 8(3): A-D.

Hyslop, C. F. (1996). The Program for Cooperative Cataloging. [Briefing paper no. 8] *ALCTS Newsletter*, 7(4): A-D.

INVITED PRESENTATIONS

Greenberg, J. "The Dryad Repository: Metadata Research and Development," Library of Congress, December 19, 2008.

Greenberg, J. "The DRYAD Repository," CIC 2008, Librarians and e-Science: Focusing Toward 20/20, Purdue University, May 13-14, 2008.

Greenberg, J. (2007). DRIADE—the Digital Repository of Information and Data for Evolution. Networked Resources and Metadata Interest Group (NRMIG) meeting. American Library Association Annual Conference, June 24, 2007.

Greenberg, J. (2007). Metadata Requirements for a Student Memex. School of Library, Archival and Information Studies, University of British Columbia, Vancouver, Canada. Presentation to launch "Celebrate Research" week.

Greenberg, J. (2006). Metadata for Digital Resource Repositories: Architectures, Applications, and Issues. Renaissance Computing Institute (RENCI)/ TUCASI/Triangle Research Libraries Network (TRLN) Discussion Series, August 10, 2006. Streaming video and podcast: <http://www.renci.org/news/multimedia.php> (scroll down the page).

Greenberg, J. (2006). Memex Metadata (M2) for Personal Educational Portfolios. Microsoft Faculty Research Summit. Seattle, WA, July 19, 2006: Streaming video: <http://www.researchchannel.org/prog/displayevent.aspx?rID=7677&fID=569>.

Greenberg, J., Shoffner, M., and Sharma. Memex Metadata (M²): Extending Microsoft MyLifeBits with Context Metadata. UNC/ITS/TAP Talks, Freaky Fridays. June 9, 2006.

Greenberg, J., Winston, M., and McDaniel, C. "Curriculum Review Task Force and Accreditation" SILS Board of Visitors Meeting, March 18, 2005.

Greenberg, J. "The AMeGA (Automatic Metadata Generation Applications) Project: Implications and Insights for Reference Services," Forum on Metadata for Reference Needs, American Library Association Annual Conference, Chicago, Illinois, June 26, 2005.

Greenberg, J. "The SILS Metadata Research Center (MRC)," SILS Board of Visitors Meeting, March 18, 2005.

Greenberg, J. "The AMeGA Project: Identifying Functionalities for Automatic Metadata Generation Applications," National Digital Learning Center, Library of Congress and the School of Information and Library Science, University of North Carolina at Chapel Hill, March 1, 2005. (Virtual connection from UNC to LC).

Crystal, A., Greenberg, J., and Spurgin, K. "Metadata Creation: State of the Practice," Triangle IA group, February 23, 2005.

Greenberg, J., Crystal, A., and Robertson, D.W. "Environmental Health Science—Cross Domain Ontology Research (EHS-CORE) Project." Collaborative Expedition Workshop #38, Semantic Conflict, Mapping, and Enablement: Making Commitments Together, National Science Foundation, February 22, 2005.

Greenberg, J. "Identifying Functionalities for Automatic Metadata Generation Applications," North Carolina State University Library, December 14, 2004.

Greenberg, J. "Optimizing Metadata Generation Practices," ALA Annual Conference, Orlando. Presented at the Association of Library Collections and Technical Services, Cataloging and Classification Section, Cataloging and Classification Research Discussion Group, June 25, 2004, and the Library of Congress Action Plan Forum, June 26, 2004.

Greenberg, J. "Discovering Optimal Means for Creating Metadata in a Government Agency: The Metadata Generation Research Project," 6th Annual State GILS Conference. April 2, 2004.

Greenberg, J. "Modeling Metadata Generation at a National Scientific Research Institute," School of Information Sciences, University of Pittsburgh, April 1, 2004.

Greenberg, J. "Modeling Metadata Creation: The Metadata Generation Research (MGR) Project," Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, October 9, 2003.

Greenberg, J. "Optimal Metadata Generation Methods." School of Library, Archival and Information Studies, University of British Columbia. Distinguished Speakers Series: Issues in Library, Archival and Information Studies, October 3, 2003.

Greenberg, J. "New Approaches for Generating Dublin Core Metadata," The School of Information and Library Science, UNC, Alumni Reception for the 25th Anniversary Celebration of the Doctoral Program. Washington, D.C., April 25, 2003.

Daniel, E and Greenberg, J. "UNC's Plant Information Project (PIC) and PIC's Metadata Architecture," Z39.50 and Museums Conference. Florida Center for Library Automation. May 11, 2000.

Greenberg, J. "Overview of Metadata," Scholarly Communication Working Group Program Committee, University of North Carolina, December 12, 2000.

Greenberg, J. "Metadata: Architectures, Issues, and Applications," North Carolina Special Libraries Association (NC/SLA), (Fall meeting), Greensboro, NC, December 10, 1999.

Greenberg, J. "Metadata Mania: Resolving the Madness." Alumni Day, UNC School of Information and Library Science, April 30, 1999.

Greenberg, J. "Metadata, The Elements, and Resource Discovery," Library Association of the University of North Carolina at Chapel Hill (LAUNCH), April 27, 1999.

Greenberg, J. "An Examination of the Impact of Lexical-semantic Relationships on Retrieval Effectiveness During the Query Expansion Process."

Invited talks presented during March and April, 1998.

- Graduate School of Library and Information Science, University of Illinois.
- Graduate School of Education & Information Studies, University of California at Los Angeles (UCLA).
- College of Information Studies, University of Maryland, College Park.
- School of Information and Library Science, University of North Carolina at Chapel Hill.

Greenberg, J. (1992). Classification Systems and Subject Headings in Academic and Research Libraries in the United States. National Library of Kazakhstan, Almaty, Kazakhstan, October 14, 1992.

HONORARIA, STIPENDS, AND CONSULTATIONS

Frederick G. Kilgour Award for Research in Library and Information Technology, \$2,000.

Information System Support, Inc. ANSWER Contract for Library of Congress (Summer 2005). Consultation: \$1,225.

National Science Foundation/National Science Digital Library/Institute of Museum and Library Services (NSF/NSDL/IMLS) (Fall 2003). Stipend: \$500.

Gateway to Educational Materials (GEM), Honorarium for Coordinating and Overseeing GEM Metadata Activities at SILS (Summer 2003). Honorarium: \$200.

"Organizing Collection Holdings and Archives," American Cleft Palate-Craniofacial Association (ACPA) and the Cleft Palate Foundation (CPF) (<http://www.cleftpalate-craniofacial.org/>), Chapel Hill, NC (Fall 2002). Gift: \$1,000.

DC-2002: Metadata for e-Communities: Supporting Diversity and Convergence, October 14-17, 2002, Florence, Italy (Fall 2002). Stipend: \$500.

Gateway to Educational Materials (GEM), Honorarium for Coordinating and Overseeing GEM Metadata Activities at SILS (Spring 2002). Honorarium: \$400.

DC-2001: International Conference on Dublin Core and Metadata Applications, October 22-26, 2001, Tokyo, Japan (Fall 2001). Stipend: \$750.

The Instrumentation, Systems, and Automation (ISA) Society (<http://www.isa.org/>),
Development Plan for Discipline-wide Taxonomy. Research Triangle Park, NC (Summer 2001).
Gift: \$1,840.

Library of Congress Bicentennial Conference on Bibliographic Control in the New Millennium,
November 15-17, 2000 (Fall 2000). Stipend: \$540.

DC-8: The 8th International Dublin Core Metadata Workshop, October 4-6, 2000, Ottawa,
Canada (Fall 2000). Stipend: \$400.

DC-7: The 7th Dublin Core Metadata Workshop, October 25-27, 1999, Frankfurt, Germany (Fall
1999). Stipend: \$650.

North American Serial Interest Group, Inc. (NASIG) (Summer 1999). Stipend: \$500.

TEACHING RECORD

Courses

School of Information and Library Science, University of North Carolina at Chapel Hill

- INLS 724, Abstracting and Indexing (Spring 1999, 2003).
- INLS 556, Introduction to Archives and Records Management (Spring 2000).
- INLS 720, Metadata Architectures and Applications (Fall 1999, 2000, 2001, 2002, 2005, 2006, 2007, 2008; Spring 2004).
- INLS 520, Organizing Information (Fall 1999, 2000, 2001, 2003, 2004, 2005, 2006; Spring 2001, 2003, 2004, 2006, 2007, 2008).
- INLS 521, Organizing Materials I (Spring 2006)

School of Information Sciences, University of Pittsburgh

- Managing Change in Information Environments, Graduate student Co-Instructor (Spring 1998).
- Organizing Information, Graduate student Co-Instructor (Fall 1995, 1996), Course Instructor (Spring 1996, Summer 1996, 1997).

Graduate School of Library and Information Studies, Queens College, City University of New York

- Introduction to Technical Services (Fall 1994).

Student Advising

Since joining SILS, I have supervised 19 independent studies, 38 completed master's papers, and served on five doctoral dissertation committees (serving as the advisor for Abe Crystal). This semester (Spring 2009) I am supervising four master's papers, two independent studies, and five doctoral students, and serving on three additional doctoral dissertation committees. I was a reader for Lynne Porat's dissertation, "Interlibrary Loans and Academic Research: The Differences between Users and Non-Users and Factors Affecting Satisfaction with Outcomes," Department of Information Science, Bar-Ilan University, Ramat-Gan, Israel, (2008).

Workshops

Metadata Standards Workshop (also titled Metadata Tutorial).

Conducted for AMIGOS, PALNET, SOASIS, and SOLINET, and the School of Information Sciences, University of Pittsburgh (Summer 1997 – Spring 2001).

Metadata for Archival Materials and Internet Resources: MARC to SGML.

Conducted for PALNET and the School of Information Sciences, University of Pittsburgh (Summer 1997).

Non-book Cataloging.

Assisted Nancy Olson, course instructor, with workshop presentation at the School of Information Sciences, University of Pittsburgh (Summer 1997).

Descriptive Standards Curriculum Project. Society of American Archivists.

Curriculum reviewer (Summer – Fall 1995).

VM MARC-Format for Cataloging Visual Archives.

Workshop Leader, MARAC Spring Conference (May 1994).

SERVICE

Editorial Board Membership

2007-Present *Journal of Library Metadata*

2004-Present *International Journal of Metadata, Semantics and Ontologies*

2003-Present *Cataloging and Classification Quarterly*

1998-2007 *Journal of Internet Cataloging* [re-titled *Journal of Library Metadata*]

1995-1997 *ALCTS Newsletter Briefing Papers*

Peer Reviewer—Journal Publications

2008	ACM Transactions on Information Systems
2002-2008	<i>Cataloging & Classification Quarterly</i>
2006	<i>Information Processing & Management</i>
2002	<i>Information Systems Journal</i>
2004, 2005	<i>Journal of Digital Information</i>
2000-2006	<i>Journal of Internet Cataloging</i>
2002-2008	<i>Journal of the American Society for Information Science and Technology</i>
2005	<i>Knowledge Organization</i>
2002, 2003	<i>Library Resources and Technical Services</i>
2006	<i>New Review of Hypermedia and Multimedia</i>

Peer Reviewer—Grant Programs

2007	Institute of Museum and Library Services, 2007 National Leadership Grants Program—Research and Demonstration Panel, May 2-3, 2007
2006	JISC (Joint Information Systems Committee) Metadata Generation for Resource Discovery: http://www.jisc.ac.uk/index.cfm?name=funding_metageneration
2002	National Historical Publications and Records Commission (NHPRC)

Standards Reviewing

2007	<i>A Framework of Guidance for Building Good Digital Collections</i> , 3rd edition (2007): http://www.niso.org/publications/rp/framework3.pdf . (A NISO Recommended Practice Prepared by the NISO Framework Working Group with support from the Institute of Museum and Library Services.)
1998	<i>Art and Architecture Thesaurus</i> review for ISO 2788 and ANSI/NISO Z39.19 compliance.

Selected Leadership Activities

Program Committee Co-Chair for the 2008 International Conference on Dublin Core and Metadata Applications: Metadata for Semantic and Social Applications: <http://dc2008.de/>.

Dublin Core Metadata Initiative Advisory Board Member, 2005-Present.

Advisory Board member for National Science Foundation Collaborative Research: Curriculum Development: Digital Libraries project, 2006-2008.

Co-chair with Hilmar Lapp and Todd Vision (NESCent) for the Preservation, Sharing, and Discovery: Challenges for Small Science in the Digital Era Workshop, May 16-17, 2007. Sponsored by NSF, NESCent and the MRC:
https://www.nescent.org/wg_digitaldata/Public:DRIADE_Workshop_May_2007.

Founder and Co-leader of the Dublin Core Metadata Initiative (DCMI) Metadata and Science (SAM) Community

Co-chair, with Thomas Severiens, for the JCDL Metadata Tools for Digital Resource Repositories Workshop, June 15, 2006:
http://www.ils.unc.edu/mrc/jcdl2006/tools_workshop.html.

Co-moderator Dublin Core Metadata Initiative (DCMI) Tools Community, 2005-2008. [Formerly DCMI Tools Working Group]

Steering Committee member for the Institute of Museum and Library Services, Digital Collection and Content Project: <http://imlsdcc.grainger.uiuc.edu/>, 2002-2005.

Program Committee Co-Chair for the 2003 Dublin Core Conference: Supporting Communities of Discourse and Practice—Metadata Research and Applications:
<http://dc2003.ischool.washington.edu/registration.html>.

UNC Project Leader for Gateway to Educational Materials (GEM)/School of Information Science (SILS), UNC Partnership. GEM homepage: <http://www.geminfo.org>, 2000-2003.

Advisor for the development “The Agriculture Ontology Server (AOS): A Tool for Facilitating Access to Knowledge,” Food and Agriculture Organization of the United Nations Library and Documentation Systems Division (FAO/UNLDSD), 2002.

Affiliations and Committee Activities

American Society for Information Science and Technology (ASIST)

- 1997-Present Special Interest Group/Classification Research (SIG/CR)
- 2005 Program Coordinator for panel, "Metadata Quality and Evaluation"
- 2002 Program Coordinator for panel, "Subject Metadata from the Other Side"
- 2002 Program Committee Special Interest Group/Classification Research (SIG/CR)
- 2000 UMI Doctoral Dissertation Award Jury

Dublin Core Metadata Initiative (DCMI)

- 2005-Present DCMI Advisory Board
- 2009-Present Founder and Co-Leader for the Dublin Core Metadata Initiative (DCMI) Metadata and Science Community (SAM)
- 2005-2008 Co-Moderator for the Dublin Core Metadata Initiative (DCMI) Tools Community [Formerly DCMI Tools Working Group]
- 2001-2009 Program Committee (8 yrs. consecutively), Program Co-Chair 2003, 2008
- 2003-Present DC Kernel Community
- 2005-2006 RDA Working Group
- 2000-2007 DCMI Global Corporate Circle
- 1998-2000 Description Working Group

ACM Sixteenth Conference on Information and Knowledge Management (CIKM)

- 2007 Program Committee, KM Track

Online Metadata and Semantics Research Conference

- 2005-2009 Program Committee (biannual conference)

International Conference on Asian Digital Libraries (ICADL)

- 2006-2009 Program Committee (4 yrs. consecutively)

Joint Conference on Digital Libraries (ACM/JCDL)

- 2005-2007 Program Committee (3 yrs. consecutively)
- 2006 Co-Chair Metadata Tools for Digital Resource Repositories workshop

European Conference on Research and Advanced Technology for Digital Libraries (ECDL)

- 2003, 2004, 2008 Program Committee

American Library Association (ALA), 1992 – Present.

- 1992-Present Association of Library Collection and Technical Services (ALCTS), 1992 – Present
- 1998-2000 ALA/ALCTS/ Subject Analysis Committee (SAC)/Subcommittee on Metadata and Subject Analysis
- 1998-1999 Chair, ALA/ALCTS-LITA/Authority Control Interest Group, Ad Hoc Online Subject Authority Control Committee
- 1995-1997 ALA/ALCTS/Catalog Form and Function Committee
- 1995-1997 ALA/ALCTS/SAC/Subcommittee on Subject Relationships and Reference Structures (SSRRS)
- 1994-1995 ALA/ALCTS/ SAC/Program Planning Subcommittee for ALA Annual Conference, "Crisis in Subject Analysis
- 1993-2001 Library and Information Technology Association (LITA)

Service to the School of Information and Library Science, University of North Carolina at Chapel Hill

- 2008-Present Chair, Information Technology and Resource Committee
- 2007 (Summer) SILS, Local IRB (Internal Review Board)
- 2007 SILS Undergraduate Committee
- 2006-2007 Chair, SILS Doctoral and Research Committee
- 2006-2007 Chair, SILS Local IRB (Internal Review Board)
- 2005-2006 Chair, SILS Curriculum Review Task Force (CURT)
- 2006 SILS Staff Excellence Award Committee
- 2004-2005 SILS Personnel Committee
- 2003-2004 SILS Doctoral and Research Committee
- 2003 SILS IRB Committee
- 2002-2003 SILS Master's Committee
- 2001 (Fall) SILS Doctoral and Research Committee
- 2001 (Fall) SILS IRB
- 2000-2001 SILS Undergraduate Committee
- 1999-2000 SILS Personnel Committee
- 1999 (Spr.) SILS Master's Committee
- 1999 (Spr.) SILS Financial Aid Committee

Service to the University Community and North Carolina

Scholarly Communications Working Group member, 2007-Present.

Office of Sponsored Research Fingerprinting Project, Advisor, 2007-Present. (Project led by Andy Johns, Associate Vice Chancellor for Research)

Triangle Digital Libraries Group's (TDLG) Metadata Committee, 2000-2004.

North Carolina ECHO, Exploring Cultural Heritage Online, Metadata Task Force, 2000-2001.

Mentor for the Research Education (RES) Support Program for minority students, Summer 2000.

Preservation and Access to North Carolina's Botanical Resources through two IMLS funded projects, 1999-2003.

Selected Service Activities Prior to Joining the SILS/UNC

Faculty Search Committee, Department of Library and Information Science, University of Pittsburgh, Spring 1997.

Doctoral Student Guild, School of Information Science, University of Pittsburgh, 1995-1998.

New York Public Library, Research Libraries Council Cataloging Policy Committee 1993-1995

- AMC Cataloging Policy Subcommittee, 1993-1995.
- VIM Cataloging Policy Subcommittee, 1992-1995.

Faculty Assembly, Bank Street College of Education, 1992 -1993.

COMMUNITY ENGAGEMENT

Organizer of Kid/Parent Dance Jam, 1st Friday for each month, Balanced Movement Studio, Carrboro, North Carolina, 2007-Present