

Joseph T. Tennis

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jtennis@u.washington.edu

AFFILIATIONS

Assistant Professor, *The Information School of the University of Washington*
Research Associate, *Institute for Innovation in Information Management, University of Washington*
Honorary Early Career Scholar, *Peter Wall Institute for Advanced Studies, University of British Columbia*

RESEARCH INTERESTS

Classification Theory; Comparative Studies of Knowledge Organization Practices and Structures; Functional Analysis of Metadata; Interoperability; Versioning of Vocabularies and Schemes; Descriptive Informatics; and Domain Analysis

EDUCATION

PhD – Information School *University of Washington* (2005)
Thesis: Conceptions of Subject Analysis: A Metatheoretical Investigation
Specialist degree in LIS – School of Library and Information Science *Indiana University* (2000)
Focus: Book History
Thesis: Précis of a History of Knowledge Organization:
Subject Classification, Indexing, Formal Systems, and Abstract Classification
MLS – School of Library and Information Science *Indiana University* (1999)
BA – Major: Religious Studies *Lawrence University* (1998)

ACADEMIC APPOINTMENTS

Assistant Professor, *University of Washington* 2007-Present
Headley House Distinguished Visitor In-Residence, *Carleton College* Spring 2008
Visiting Scholar, *Indiana University* Summer 2007
Assistant Professor, *University of British Columbia* 2005-2007

PROFESSIONAL WORK EXPERIENCE

Reference and Instruction Librarian, *Carleton College* 2000-2001
Conducted bibliographic instruction sessions, reference collection development, staffed reference desk, and worked with History and Classics departments on Carnegie Mellon funded course-integrated information literacy initiative
Reference Assistant, *Indiana University Research Collections* 1999-2000
Staffed a research reference desk for humanities and social sciences library and collaborated with librarians on digital publications
Instruction Assistant, *Indiana University Undergraduate Library* 1999-2000
Taught library instruction for undergraduates in humanities and social sciences and collaborated with faculty on instruction assessment and enhancement

PUBLICATIONS

Invited Refereed Journal Articles

- "Epistemology, Theory, and Methods in Knowledge Organization." (2007). In *Knowledge Organization*. IN PREPARATION.
- "Scheme Versioning in the Semantic Web." (2007). In *Cataloging and Classification Quarterly*. 43(4/3): 85-104. Also published as a chapter in a book by Haworth Press.

Refereed Journal Articles

- "The Economic and Aesthetic Axis of Information Organization Frameworks." (IN PREPARATION). In *Knowledge Organization*.
- Good, B. M. and Tennis, J. T. (IN PREPARATION). "Speciating Information Organization Frameworks using Framework Analysis."
- "Metadata in the Chain of Preservation Model." (UNDER REVIEW). *Archivaria*.
- Tennis, J. T. and Sutton, S. A. (2008). "Extending the Simple Knowledge Organization System (SKOS) for Concept Management in Vocabulary Development Applications." In *Journal of the American Society for Information Science and Technology*. 59(1):25-37.
- "Experientialist Epistemology and Classification Theory: Embodied and Dimensional Classification." (2005). In *Knowledge Organization*. 32(2): 79-92.
- "Two Axes of Domains for Domain Analysis." (2003). In *Knowledge Organization*. 30(3/4): 191-195. Version available: http://faculty.washington.edu/jtennis/Tennis_twoaxes_2003.pdf

Refereed Conference Papers

- Tennis, J. T. and Jacob, E. K. "Toward a Theory of Structure in Information Organization Frameworks." (FORTHCOMING). In *Culture and Identity in Knowledge Organization: Proceedings of the 10th International Conference for Knowledge Organization*. (Montreal, Quebec).
- Tennis, J. T. and Calzada-Prado, J. "Ontologies and the Semantic Web: Problems and Perspectives for LIS Professionals." (2007). In *IBERSID: Revista de Sistemas de Información y Documentación*. (1): 303-311.
- "The Economic and Aesthetic Axis of Information Organization Frameworks." (2007). In *Proceedings of the North American Symposium on Knowledge Organization*. (Toronto, Ontario). Abstract available: <http://dlist.sir.arizona.edu/1915>
- "Diachronic and Synchronic Indexing: Modeling Conceptual Change in Indexing Languages." (2007). In *Information Sharing in a Fragmented World, Crossing Boundaries. Proceedings of the 35th Annual Meeting of the Canadian Association for Information Science/L'Association canadienne des sciences de l'information*. (Montreal, Quebec). Older version available: http://www.cais-acsi.ca/proceedings/2007/tennis_2007.pdf Revised version available: <http://dlist.sir.arizona.edu/1898/>
- "Social Tagging and the Next Steps for Indexing: Fordist Reflexivity and Intertextuality." (2006). In *Advances in Classification Research*. vol. 17. (Austin, Texas). Available: <http://dlist.sir.arizona.edu/1726/>
- "Function, Purpose, Predication, and Context of Information Organization Frameworks." (2006). In *Knowledge Organization for a Global Learning Society: Proceedings of the 9th International Conference for Knowledge Organization. International Society for Knowledge Organization*. (Vienna, Austria, July 5-7, 2006). Advances in Knowledge Organization vol 10. Ergon. Würzburg: 303-310.
- "Comparative Functional Analysis of Boundary Infrastructures, Library Classification, and Folksonomies." (2006). In *Information Science Revisited: Approaches to Innovation Proceedings of the Annual Meeting of the Canadian Association for Information Science/L'Association canadienne des sciences de l'information*. (York University, Toronto, Canada). Available: http://www.cais-acsi.ca/proceedings/2006/tennis_2006.pdf and <http://dlist.sir.arizona.edu/1956/>
- "SKOS and the Ontogenesis of Vocabularies." (2005). In *International Conference on Dublin Core and Metadata Applications: Vocabularies in Practice*. (Madrid, Spain: Universidad Carlos III de Madrid): 275-278. Available: <http://dlist.sir.arizona.edu/1952/>
- "URIs and Intertextuality: Incumbent Philosophical Commitments in the Development of the Semantic Web." (2004). In *Knowledge Organization and the Global Information Society: Proceedings of the Eighth International ISKO Conference*. (London, United Kingdom, July 13-16, 2004). Advances in Knowledge Organization vol. 9. Würzburg: Ergon: 103-108.

- "Three Spheres of Classification Research: Emergence, Encyclopedism, and Ecology." (2004). In *Advances in Classification Research*. vol. 13. (Medford, NJ: Information Today for the American Society for Information Science and Technology)
Version available: http://faculty.washington.edu/jtennis/Tennis_three_spheres_2002.pdf
- "Layers of Meaning: Disentangling Subject Access Interoperability." (2004). In *Advances in Classification Research*. vol. 12. (Medford, NJ: Information Today for the American Society for Information Science and Technology): 113-122.
Version available: http://faculty.washington.edu/jtennis/Tennis_layers_2001.pdf
- "Subject Ontogeny: Subject Access through Time and the Dimensionality of Classification." (2002). In *Challenges in Knowledge Representation and Organization for the 21st Century: Integration of Knowledge across Boundaries: Proceedings of the Seventh International ISKO Conference*. (Granada, Spain, July 10-13, 2002). *Advances in Knowledge Organization*, vol. 8. Würzburg: Ergon: 54-59.

Encyclopedia Entries

- "Indexing and Abstracting Practices." In *Encyclopedia of Library and Information Sciences*. IN PREPARATION. [invited]

Dissertation

- *Conceptions of Subject Analysis: A Metatheoretical Investigation*. (2005). (University of Washington: Seattle). Advisor: Allyson Carlyle Committee: Clare Beghtol, Jens-Erik Mai, and Stuart Sutton

Collections

- Tennis, J. T. (ed.) (2007). *Proceedings of the North American Symposium on Knowledge Organization Vol. 1*. (Toronto, Ontario, June 14-15, 2007). Vancouver, BC: International Society for Knowledge Organization – North American Chapter.
Available:
dlist.sir.arizona.edu/view/conference/North_American_Symposium_on_Knowledge_Organization_2007.html
- Furner, J. and Tennis, J. T. (eds.) (2006). *Advances in Classification Research Vol. 17*. (Austin, Texas, November 4, 2006). Vancouver, BC: ASIST SIG/CR.
Available: <http://dlist.sir.arizona.edu>
- Sutton, S., Greenberg, J., and Tennis, J. T. (eds.). (2003). *Dublin Core Conference: Supporting Communities of Discourse and Practice – Metadata Research & Applications*. (Seattle, Washington, September 28 - October 2, 2003). Syracuse, NY: Information Institute of Syracuse.

Technical Reports

- "Terminology Cross-Domain Final Report." InterPARES 2 Research Project. September, 2006.
- Gilliland, A., Lindberg, L., McCargar, V., Langmead, A., Lauriault, T., Leahey-Sugimoto, M., Evans, J., Tennis, J. T., and Wang, H. "Investigating the Roles and Requirements, Manifestations and Management of Metadata in the Creation of Reliable and Preservation of Authentic Electronic Entities Created by Dynamic, Interactive and Experiential Systems: Report On The Work And Findings Of The InterPARES 2 Description Cross Domain Group." InterPARES 2 Research Project. December, 2006.
- "BC Campus Application Profile and Taxonomy – Recommendations and Next Steps." Report to BCcampus Vancouver, British Columbia, August, 2005
- Efthimiadis, E.N. and Mai, J-E. with Alam, T., Bisson, J.E., Detera, E.C., Foit, L.M., and Tennis, J.T. "Organizing and Representing Media Assets: An Information Science Perspective and Review. A Review of the Literature." Report to the Corporation for Public Broadcasting Television Future Fund, July 2002.

Non-refereed Publications

- Tennis, J. T., Sutton, S. A., and Hillmann, D. (2006). "The Notion of the 'Concept Instance': Problems in Modeling Concept Change in SKOS." In *International Conference on Dublin Core and Metadata Applications: Metadata for Knowledge and Learning*.

Available: <http://dlist.sir.arizona.edu/1770/>

- "Versioning Concept Schemes for Persistent Retrieval." (June/July, 2006). In *Bulletin of the American Society for Information Science and Technology*. Available: <http://www.asis.org/Bulletin/Jun-06/tennis.html>
- "2003 Dublin Core Metadata Conference, Seattle WA: a conference report." (March/April, 2004). In *Barrington Report on Advanced Knowledge Organization and Retrieval*. 1(1): 18-19. Available: http://www.kmconnection.com/Access_to_PDFs.htm
- "6th Annual Open Forum on Metadata Registries - Santa Fe, New Mexico." (2002). In *Knowledge Organization*. 29(3/4): 234-235. A conference report.
- "Data Collection for Controlled Vocabulary Interoperability - Dublin Core Audience Element." (2002). In *Bulletin of the American Society for Information Science and Technology*. 29(2). Available: <http://www.asis.org/Bulletin/Dec-02/ASISTDecJan.pdf>
- "A New Sense of Motion: Framing the Idea of the Archive in the New Information Order." (2002). In *Proceedings of the New Information Order and the Future of the Archive*. (Frow, J ed.). PowerPoint Available: <http://webdb.ucs.ed.ac.uk/malts/other/IASH/dsp-all-papers.cfm>
- "Layered Information Modeling and a Knowledge Organization Paradigm: Inherent Classification and the Design of Interoperable Systems." (2002). In *Knowledge Technologies 2002*. Conference Proceedings. Available: <http://www.knowledgetechnologies.net/>

Book and Journal Issue Reviews

- *Theory, Culture & Society* vol. 23 (2-3), May 2006, p. 1-50. Edited by Mike Featherstone. In *Knowledge Organization* 33(4): 216-219.
- *Knowledge and Knowing in Library and Information Science*. By John M. Budd. (Lanham, MD: Scarecrow Press). In *Libraries and Culture* 39(1): 107-108, 2004.

Posters

- Tennis, J. T. and Allen, B. P. "A Metadata Thesaurus: Report on the Knowledge Organization of the Dublin Core Metadata Initiative Conference Proceedings." International Society for Knowledge Organization, Eighth International Conference. London, United Kingdom, July 16-19, 2004. Available: <http://www.slais.ubc.ca/PEOPLE/faculty/tennis-p/MetThesaurusFinalWhite.pdf>
- "Principles of Knowledge Organization: Analysis and Structures in the Networked Environment." Association of Library and Information Science Education Annual Conference. San Diego, California, January 6-9, 2004. Available: <http://dlist.sir.arizona.edu/958/>
- Efthimiadis, E.N. and Mai, J-E. with Alam, T., Bisson, J.E., Detera, E.C., Foit, L.M., and Tennis, J.T. "MARS (Media Asset Retrieval System): Puget Sound's Digital Archive." Annual AMIA Conference. Boston, Massachusetts, November 22, 2002. Available: http://www.slais.ubc.ca/PEOPLE/faculty/tennis-p/2002_AMIA.ppt
- Efthimiadis, E.N. and Mai, J-E. with Alam, T., Bisson, J.E., Detera, E.C., Foit, L.M., and Tennis, J.T. "Puget Sound's MARS (Media Asset Retrieval System) Digital Library." Joint Conference on Digital Libraries. Portland, Oregon, July 14, 2002. Available: http://www.slais.ubc.ca/PEOPLE/faculty/tennis-p/2002_JCDL.ppt

PRESENTATIONS

Invited Talks

- "Metadados de documentos digitais: The InterPARES 2 Metadata Schema." II Seminário Internacional de Documentos Digitais. (Rio de Janeiro, Brazil), August 2007.
- "Epistemic Constructs in the Design, Study, and Critique of Knowledge Organization Structures" Information Resources Management Association, International Conference (Vancouver, British Columbia), May 2007.

- "Semantic Carnival: Tagging and the New Descriptive Acts of the Next Generation Web." Emerging Scholars: An iSchool PhD Alumni Lecture, University of Washington's iSchool's inaugural PhD Alumni Speaker. (Seattle, Washington), May 2007.
- "Policies and Development of Contemporary Descriptive Practice: A Brave New World." 2007 British Columbia Library Association Conference. (Burnaby, British Columbia), April 2007.
- "Vocabularies." Tutorial given at the International Conference on Dublin Core and Metadata Applications: Metadata for Knowledge and Learning. (Manzanillo, Mexico), October 2006.
- "Metadata and Description as seen in the InterPARES 2 Investigations and the Chain of Preservation Model of Electronic Records." International Symposium on Electronic Records. (Singapore City, Singapore), June 2006.
- "Concept evolution (subject ontogeny) in the NLM classification scheme: a case study." Canadian Health Libraries Association/Association des bibliothèques de la santé du Canada Annual Conference of the Association. (Vancouver, British Columbia), May 2006.
- "InterPARES Findings and the GoC Records Management Metadata Standard and Application Profile." Library and Archives Canada. (Ottawa, Ontario), September 2005.
- "What the Future Holds: Issues and Trends Impacting Cataloguers." From Scrolls to eBooks: 2005 Annual BC Library Conference. (Burnaby, British Columbia), April 2005.
- "Accessing and Managing e-Resources: a discussion." E-Library Committee, University of British Columbia Library. (Vancouver, British Columbia), February 2005.
- "Creating and Managing Controlled Vocabularies for use in Metadata." Tutorial at 2004 Dublin Core Conference: Metadata Across Languages and Cultures (Shanghai, China), October 2004.
- "The Younger Generation of Knowledge Organization Researchers." Knowledge Organization and the Global Information Society: the Eighth International Society for Knowledge Organization Conference. (London, United Kingdom), July 2004.
- "Dublin Core Audience Elements: A Study of a Data Analysis Technique for Controlled Vocabulary Interoperability." 2004 National Science Digital Library Vocabulary Workshop (Washington DC, USA), June 2004.

Conference and Workshop Presentations

- "Are there Ontomon? Looking for types of information organization frameworks and systems." University of Washington Research Conversations. (Seattle, Washington). November 2007.
- "Polis, Third Sector, and Civil Society: Conceptualizing Indexing and Social Tagging in Web 2.0." American Society for Information Science and Technology Annual Meeting. (Milwaukee, Wisconsin). October 2007.
- "The Economic and Aesthetic Axis of Information Organization Frameworks." North American Symposium on Knowledge Organization. (Toronto, Ontario). June 2007.
- "Diachronic and Synchronic Indexing: Modeling Change in Indexing Languages." Information Sharing in a Fragmented World, Crossing Boundaries. Canadian Association for Information Science/L'Association canadienne des sciences de l'information. (Montreal, Quebec). May 2007.
- "Metadata in the World: Toward a Descriptive Informatics of Knowledge Organization Structures, Work Practices, and Discourse." Research Conversations, University of Washington. (Seattle, Washington). March 2007.
- "Frameworks for Versioning, Merging, and Comparing Classificatory Structures." School of Library, Archival and Information Studies Colloquium Series, The University of British Columbia. (Vancouver, British Columbia), November 2006.

- "Purpose, Function, and Context of Information Organization Frameworks." Annual Meeting of the American Society for Information Science and Technology. (Austin, Texas), November 2006.
- "Social Tagging and the Next Steps for Indexing: Fordist Reflexivity and Intertextuality." American Society for Information Science and Technology Special Interest Group/Classification Research Workshop. (Austin, Texas), November 2006.
- "The Notion of the 'Concept Instance': Problems in Modeling Concept Change in SKOS." International Conference on Dublin Core and Metadata Applications: Metadata for Knowledge and Learning. (Manzanillo, Mexico), October 2006.
- "Function, Purpose, Predication, and Context of Information Organization Frameworks." International Society for Knowledge Organization 9th International Conference. (Vienna, Austria), July 2006.
- "Comparative Functional Analysis of Boundary Infrastructures, Library Classification, and Social Tagging." Information Science Revisited: Approaches to Innovation Annual Meeting of the Canadian Association for Information Science/L'Association canadienne des sciences de l'information. (Toronto, Ontario), June 2006.
- "Metadata and Description: Findings and New Research Trajectories from the InterPARES2 Project." Canadian Metadata Forum. (Ottawa, Ontario), September 2005.
- "SKOS and the Ontogenesis of Vocabularies." International Conference on Dublin Core and Metadata Applications: Vocabularies in Practice. (Madrid, Spain), September 2005.
- Currier, S. and Revie, C.W. and Tennis, J. T. "Who says words are neutral and value free?: User-centred design of a web-based Library for human services educators." (2004). In: *HUSITA7 - The 7th International Conference of Human Services Information Technology Applications*. (Hong Kong). Also published as a book in 2007 by Haworth Press.
- "URIs and Intertextuality: Incumbent Philosophical Commitments in the Development of the Semantic Web." Knowledge Organization and the Global Information Society: the Eighth International Society for Knowledge Organization Conference (London, United Kingdom), July 2004.
- Allen, B. P. and Tennis, J. T. "Building Metadata-Based Navigation Using Semantic Web Standards: The Dublin Core 2003 Conference Proceedings." Joint Conference on Digital Libraries 2004 (Tucson, Arizona), June 2004.
- "Taxonomy of Texts in the Subject Analysis Process." Connections 2004 (Toronto, Ontario), May 2004.
- Allen, B.P. and Tennis, J.T. "The 2003 Dublin Core Conference On-line Proceedings: Building Metadata-Based Navigation Using Semantic Web Standards." 2004 Information Architecture Summit (Austin, Texas), February 2004.
- "Dublin Core Audience Elements: A Study of a Data Analysis Technique for Controlled Vocabulary Interoperability." 2003 Dublin Core Conference: Supporting Discourse and Practice: Metadata and Applications Education Working Group Report (Seattle, Washington), October 2003.
- "Principles of Knowledge Organization: Analysis and Structures in the Networked Environment." 2003 PhD Colloquium University of Washington Information School (Seattle, Washington), September 2003.
- "Three Spheres of Classification Research: Emergence, Encyclopedism, and Ecology." American Society for Information Science and Technology Special Interest Group/Classification Research Workshop (Philadelphia, Pennsylvania), November 2002.
- Efthimiadis, E.N. and Mai, J-E. with Alam, T., Bisson, J.E., Detera, E.C., Foit, L.M., and Tennis, J.T., with consultation from Annelise Mark Pejtersen "Work Domain Analysis of Public Broadcasters." American Society for Information Science and Technology Annual Meeting (Philadelphia, Pennsylvania), November 2002.

- "Dublin Core Audience Elements: Pilot Study of a Data Analysis Technique for Controlled Vocabulary Interoperability." 2002 Dublin Core Conference: Metadata for e-Communities: Supporting Diversity and Convergence, Education Working Group Report (Florence, Italy), October 2002.
- "Subject Ontogeny: Subject Access through Time and the Dimensionality of Classification." International Society for Knowledge Organization (Granada, Spain), July 2002.
- "A New Sense of Motion: Framing the Idea of the Archive in the New Information Order." New Information Order and the Future of the Archive (Edinburgh, United Kingdom), March 2002.
- "Layered Information Modeling and a Knowledge Organization Paradigm: Inherent Classification and the Design of Interoperable Systems." Knowledge Technologies Conference (Seattle, Washington), March 2002.
- "Layers of Meaning: Disentangling Subject Access Interoperability." American Society for Information Science and Technology, Special Interest Group/Classification Research Workshop (Washington, D. C.), November 2001.
- "Soul, Subtle Body, Gross Body: Ranganathan's Vedanta Bibliography and his Ontology of the Book." Society for the History of Authorship, Reading, and Publishing (Williamsburg, Virginia), July 2001.
- "Number, Order, and Epistemology in Cassiodorus Senator's *Institutiones* Book II." Medieval Renaissance Baroque Studies Conference (Miami, Florida), February 2001.

RESEARCH PROJECTS AND COLLABORATIONS

- Identity and Authority in Descriptive Practices of National Documentary Heritage Institutions: An Exploratory Study (Joseph T. Tennis, PI)
Humanities and Social Science Research Grant, UBC \$6,000 CAD
Spring 2007 (declined this down to come the University of Washington).
- Reclaiming the Past for Today and for Tomorrow: Indigenous Narratives and Knowledge Repatriation (Collaborator) [Paige Raibmon, PI]
Social Sciences and Humanities Research Council \$226,000 CAD
Spring 2007-Present
- Theoretical Elaboration into Archival Management (TEAM) Canada: Implementing the Theory of Preservation of Authentic Records in Electronic Systems in Small and Medium-sized Organizations (Co-Applicant with Luciana Duranti, and Francesca Marini)
Social Sciences and Humanities Research Council, Letter of Intent, \$20,000 CAD
Fall 2006-Present
- InterPARES 2 (Co-Investigator) [Luciana Duranti, PI]
Chair, Terminology Cross-Domain
Member, Description Cross-Domain
Social Sciences and Humanities Research Council, \$1.5 Million CAD
Joined in January of 2005. Project ran until end of 2007
- PEPI – Prototype for Educational Podcasting Infrastructure (Co-Investigator) [Mark Schneider, PI]
Teaching and Learning Enhancement Fund, University of British Columbia, \$48,960 CAD
Project 2005-2006

STANDARDS WORK

- Dublin Core Metadata Initiative Usage Board Member, March 2006-Present
I have contributed to the review, editing, and revision of these recommendations and standards
Dublin Core Metadata Terms, Available: <http://www.dublincore.org/documents/dcmi-terms/>
Dublin Core Metadata Element Set, Version 1.1, Available: <http://www.dublincore.org/documents/dces/>
NISO Standard Z39.85-2007, Available: <http://www.niso.org/standards/resources/Z39-85-2007.pdf>
DCMI Type Vocabulary, <http://www.dublincore.org/documents/dcmi-type-vocabulary/>

INFORMATION SYSTEMS MANAGEMENT

- Dublin Core Online Proceedings and Thesaurus – 2003-2007

CONSULTING

- Joint Information Steering Committee, United Kingdom - Pedagogical Vocabularies Project – 2005-2006
- BCCampus, Simon Fraser University, Canada - Metadata and Taxonomy for Learning Objects – 2005
- National Science Digital Library, United States – Vocabulary Project – 2004
- Stór Curam, Scotland – Methodology for User-Centered Taxonomy Construction – 2003
- Minnesota Humanities Commission, United States – Minnesota Online Encyclopedia Project – 2001-2002

REVIEWING

- Reviewer for the Journal of the American Society for Information Science and Technology, December 2007-Present
- Secondary reviewer for the journal BMC Biomedical Informatics, December 2007
- Reviewer, iConference 2008: iFutures: Systems, Society, and Selves, December 2007
- Reviewer for the Annual Review of Information Science and Technology (ARIST), November 2007
- Member, Program Committee, Networked Knowledge Organization Systems and Services, The 6th European Networked Knowledge Organization Systems (NKOS) Workshop, 11th ECDL Conference, July 2007
- Member, Program Committee, 2007 Dublin Core Conference: International Conference on Dublin Core and Metadata Applications, May-August, 2007
- Reviewer for the journal Transactions on Information Systems (TOIS), April-May 2007
- Member, Program Committee, North American Symposium on Knowledge Organization, January-May 2007
- Reviewer for the journal Library and Information Science Research, December 2006-January 2007
- Reviewer, Information Architecture Summit 2007, November-December 2006
- Reviewer, City University of New York Grant Research Award Program, 2006
- Reviewer, CIKM (Conference on Information and Knowledge Management), March-July 2006
- Reviewer for Canadian Journal of Information and Library Science, 2006
- Member, Program Committee, 2006 Dublin Core Conference: Metadata for Knowledge and Learning, 2006
- Reviewer for the journal New Review of Hypermedia and Multimedia, 2006
- Reviewer for the journal Knowledge Organization, 2005- Present
- Reviewer, 39th Hawaii International Conference on Systems Sciences, Summer 2005
- Reviewer, International Journal on Electronic Government Research, 2005
- Member, Program Committee, 2005 Dublin Core Conference: Vocabularies in Practice, 2005
- Secondary reviewer, Joint Conference On Digital Libraries 2005
- Reviewer, American Society for Information Science and Technology Annual Meeting 2005, Winter 2005
- Reviewer, 38th Hawaii International Conference on Systems Sciences, Summer 2004
- Member, Program Committee, 2004 Dublin Core Conference: International Conference on Dublin Core and Metadata Applications, 2004
- Reviewer, 37th Hawaii International Conference on Systems Sciences, Summer 2003
- Member, Program Committee, 2003 Dublin Core Conference: Supporting Discourse and Practice: Metadata and Applications 2002-2003

TEACHING

Courses Taught, University of Washington

Organization of Information and Resources (MSIM) (was Metadata, Taxonomy, and Classification)	Winter 2008
Organization of Information and Resources (MLIS)	Winter 2008

Independent Study (1 student, MLIS)	Winter 2008
Seminar in Knowledge Representation (PhD)	Fall 2007
Indexing and Abstracting (Distance MLIS)	Fall 2004
Collection Development (MLIS)	Summer 2004
Construction of Indexing Languages (MLIS)	Winter 2004
Subject Access Systems and Subject Gateways (MLIS)	Summer 2003
Interoperability (MLIS)	Summer 2003
Metadata, Taxonomy, and Classification (MSIM)	Spring 2004, Spring 2003, Winter 2002 (TA)

Courses Taught, University of British Columbia

Foundations of Resource Description and Access (was Foundations of Bibliographic Control)	Winter Session, Terms I and II, 2005-2007
Advanced Bibliographic Control: Subject Analysis Classification Theory	Winter Session, Term II 2006 Winter Session, Term I, 2006
Cataloguing and Classification	Winter Session, Term II, 2007
Knowledge Organization Reading Group	Winter Session, Term I 2006
Research Collaborations, Directed Studies, Major Research Areas	Winter Session, Terms I and II, 2007-2005

Areas of Teaching Qualification

Knowledge Organization, Construction of Indexing Languages, Content and Subject Analysis, Interoperability, Metadata and Taxonomy, Semantic Web Technologies, RDF, Subject Cataloguing, Classification Theory, History of Knowledge Organization, Indexing and Abstracting, Controlled Vocabulary Versioning, Intellectual Foundations of Information Science, and Interpretive Research Methods

STUDENTS

Thesis Supervision and Committee Work

- Baharak Yousefi, MLIS 2007, School of Library, Archival and Information Studies, University of British Columbia
Thesis Supervisor
- Pelash Bera, PhD 2007, Sauder School of Business, University of British Columbia
Thesis Committee Member
- Heejin Park, PhD Program, School of Library, Archival and Information Studies, University of British Columbia
Co-Supervisor with Edie Rasmussen
- Ann Doyle, PhD Program, Faculty of Education, University of British Columbia
Thesis Committee Member
- Benjamin Good, PhD Program, Bioinformatics Research Group, University of British Columbia
Thesis Committee Member
- Tamara Camero, M Ed Program, Faculty of Education, University of British Columbia
Thesis Committee Member

Research Assistant Supervision

- Amelia Abreu, PhD Program, The Information School of the University of Washington

SERVICE

To Scholarly Communication

- Editorial Board Member, Journal of Library Metadata, May 2007-Present
- Classification and Knowledge Organization Subject Editor, DLIST, 2006-Present
- Editorial Board Member, Knowledge Organization, 2006-Present
- Chair, Programme Committee, Culture and Identity in Knowledge Organization, the Tenth Conference of the International Society for Knowledge Organization, 2006-Present
- Co-Chair, ASIST SIG/CR 2006 Workshop, 2005-2006
- Chair, ASIST SIG-History and Foundations of Information Science, 2004-2005

- Chair-Elect, ASIST SIG-History and Foundations of Information Science, 2003-2004
- Chair, Proceedings Committee, 2003 Dublin Core Conference: Supporting Discourse and Practice: Metadata and Applications, Fall 2003
- Member, Organizing Committee, 2003 Dublin Core Conference: Supporting Discourse and Practice: Metadata and Applications, 2002-2003

To Associations

- Writer, Letter of Support for NWDA/ Orbis Cascade Alliance, IMLS Planning Grant, January 2008
- Member, Dublin Core Education Application Profile Working Group, August 2007-Present
- Member, Advisory Board to the Dublin Core Metadata Initiative, September 2005 – Present
- Member, ASIST Memorial Committee, 2005
- Workshop Member, National Science Digital Library Vocabulary Workshop, Summer 2004

To The Information School of the University of Washington

- Member, Informatics Program Committee, 2007- Present
- Member, iFlourish Action Strategy F3-Part A “Shared Resources Tool” Committee, 2008-Present
- Coordinator of Knowledge Organization Get-Together (KOG) with PhD Students, 2007-Present

To The University of British Columbia

- Member, Graduate Council of the Faculty of Graduate Studies, 2006-2007
- Member, Search Committee for Head of Humanities and Social Sciences Division, UBC Library, 2006-2007

To The School of Library, Archival and Information Studies

- Member, Unit Plan Drafting Committee, 2007
- Member, Faculty Search Committee, 2006-2007
- Coordinator, MAS and MLIS First Nations Curriculum Concentration, 2006-2007
- Member, Comprehensive Examination Committee, 2006 (3 exams)
- Reviewer, Rick Hansen Scholarship 2006
- Co-Chair, Colloquium Committee, 2005-2007
- Member, Faculty Search Committee, 2005-2006
- Member, Communications Committee, 2005-2007
- Member, Doctoral Studies Committee, 2005-2007

MEMBERSHIPS

- International Society for Knowledge Organization
- American Society for Information Science
Classification Research Special Interest Group
History and Foundations of Information Science Special Interest Group

HONORS AND AWARDS

Peter Wall Institute for Advanced Studies Infrastructure Award, one of ten Junior Early Career Scholars selected as part of the 2007-2008 cohort. Awarded \$5,500.00 CAD in 2007, declined in order to move to the University of Washington, and was subsequently made Honorary Early Career Scholar (2007-2008).

ALISE Doctoral Student SIG Research Poster Session Award Winner, third place out of fifty-two entries (2004)

Beta Phi Mu, Honor Society for Library and Information Science (2000)

Estelle Ray Reid Scholarship in Library Science from Lawrence University, established from her estate in 1981 and awarded to a graduate student excelling in the study of Library Science (1998)

John H. Scidmore Memorial Award, established by the Class of 1958 of Lawrence University, is awarded to the senior man who, in the eyes of his classmates, best exemplifies the following characteristics: academic diligence, service to groups with which he has been associated, and genuine interest in and loyalty to classmates (1998)

Alexander Wiley Prize, for demonstrating a principled independence of thought, moral courage, and creative commitment to a significant cause, specifically for leadership of Bisexual Gay Lesbian And Straight Society and commitment to the establishment of a Lawrence University campus resource room (1997)