

# Joseph T. Tennis

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## RESEARCH INTERESTS

Classification Theory ▪ Metadata ▪ Comparative Studies of Knowledge Organization Practices and Structures ▪  
Versioning of Vocabularies and Schemes ▪ Information and Provenance ▪ Ethics and Intentionality in Indexing

## CURRENT ACADEMIC APPOINTMENTS, EXPERIENCE, AND AFFILIATIONS

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|--|--------------|
| Associate Professor, Information School, University of Washington                                | 2013-Present |
| Adjunct Associate Professor, Linguistics, University of Washington                               | 2013-Present |
| Museology Interdisciplinary Faculty Group, University of Washington                              | 2012-Present |
| Textual Studies Faculty, University of Washington  | 2008-Present |
| Associate, Peter Wall Institute for Advanced Studies, University of British Columbia             | 2007-Present |
| Affiliate Member, Centre for the International Study of Contemporary Records and Archives, UBC   | 2005-Present |
| Affiliate Member, Archives, Libraries, and Social Justice, Fluminense Federal University, Brazil | 2018-Present |

## CURRENT ADMINISTRATIVE APPOINTMENTS

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| Associate Dean for Faculty Affairs, Information School, University of Washington | 2016-Present |
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## PAST ADMINISTRATIVE APPOINTMENTS

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| Director for Faculty Affairs, Information School, University of Washington | 2014-2016 |
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## VISITING ACADEMIC APPOINTMENTS, EXPERIENCE, AND AFFILIATIONS

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| Invited Professor, Université Charles-de-Gaulle - Lille 3          | Spring 2016      |
| Visiting Scholar, Univerisade Estaudual Paulista, UNESP, São Paulo | 2009, 2011, 2012 |
| Headley House Distinguished Visitor-in-Residence, Carleton College | Spring 2008      |
| Visiting Scholar, Indiana University                               | Summer 2007      |

## PAST ACADEMIC APPOINTMENTS, EXPERIENCE, AND AFFILIATIONS

|  |           |
|--|-----------|
| Affiliate Member, Archival Diplomats, State University of São Paulo, Brazil                      | 2016-2018 |
| Assistant Professor, Information School, University of Washington                                | 2007-2013 |
| Adjunct Assistant Professor, Linguistics, University of Washington                               | 2013-2013 |
| Reviews Editor, Knowledge Organization   | 2008-2013 |
| Research Associate, Institute for Innovation in Information Management, University of Washington | 2007-2009 |
| Assistant Professor, University of British Columbia  | 2005-2007 |
| Associate Member, Institute for Computing, Information, and Cognitive Sciences, UBC              | 2005-2007 |

## 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:<br>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)      |
| Thesis: Difference and Variance in Feminist Accounts of Shakerism   |                                 |

## PUBLICATIONS

### Refereed Journal Articles

- "Episemantics: Aboutness as Aroundness." (forthcoming). In *Knowledge Organization*. TBD. [chosen as one of two best papers from the 2019 North American Symposium on Knowledge Organization, Philadelphia, PA].
- "Four Orders of Classification Theory and Their Implications." (2019). In *Cataloging and Classification Quarterly*. 53(8): 702-710.
- "Methodological Challenges in Scheme Versioning and Subject Ontogeny Research." (2016). In *Knowledge Organization* 43(8): 573-580.
- "Foundational, First-Order, and Second-Order Classification Theory." (2015). In *Knowledge Organization* 42(4): 244-249.
- "A Kaleidoscope Perspective: Change in the Semantics and Structure of Facets and Isolates in Analytico-Synthetic Classification." (2013). In *SRELS: Journal of Information Management* 50(6): 789-794. [Invited in honor of S. R. Ranganathan's Golden Jubilee Celebration].
- Adler, M. and Tennis, J. T. (2013). "Toward a Taxonomy of Harm in Knowledge Organization Systems." In *Knowledge Organization* 40(4): 266-272. [chosen as a top three paper from the 2013 North American Symposium on Knowledge Organization, Milwaukee, WI].
- Lee, J. H., Tennis, J. T., Clarke, R. I., Carpenter, M. (2013). "Developing a video game metadata schema for the Seattle Interactive Media Museum." In *International Journal of Digital Libraries* 13(2): 105-117.
- Ojennus, P. and Tennis, J. T. (2013). "Modeling the aesthetic axis of information organization frameworks, part 1: Theoretical basis." In *Journal of Documentation*. 69(6): 807-826.
- Ojennus, P. and Tennis, J. T. (2013). "Modeling the aesthetic axis of information organization frameworks, part 2: Case studies." In *Journal of Documentation*. 69(6): 827-850.
- "Ethos and Ideology of Knowledge Organization: Toward Precepts for an Engaged Knowledge Organization." (2013). In *Knowledge Organization*. 40(1): 42-49.
- "Le poids du langage et de l'action dans l'organisation des connaissances: Position épistémologique, action méthodologique et perspective théorique (The Weight of Language and Action: Epistemic Stance, Methodological Action, and Theoretical Perspective in Knowledge Organization)." (2013). In *Études de communication*. 39: 15-40. Available: <http://edc.revues.org/4010> [invited]
- "A Convenient Verisimilitude or Oppressive Internalization? Characterizing the Ethical Arguments surrounding Hierarchical Structures in Knowledge Organization Systems." (2012). In *Knowledge Organization*. 39(5): 394-397.
- "What does a domain analysis look like in form, function, and genre?" (2012). In *Brazilian Journal of Information Science* 6(1): 3-14, Jan./Jun. Translated: "Com O Que Uma Análise De Domínio Se Parece No Tocante A Sua Forma, Função E Gênero?" Available: <http://www2.marilia.unesp.br/revistas/index.php/bjis/article/view/3026/2300>
- "The Strange Case of Eugenics: A Subject's Ontogeny in a Long-Lived Classification Scheme and the Question of Collocative Integrity." (2012). In *Journal of the American Society for Information Science and Technology*. 63(7): 1350-1359. [winner of the ALISE/Bohdan S. Wynar Research Paper award 2013].
- "Is There a New Bibliography?" (2011). In *Cataloging and Classification Quarterly*. 49(2): 121-126.
- Good, B. M., Tennis, J. T. and Wilkinson, M. W. (2009). "Social Tagging in the Life Sciences: Characterizing a New Metadata Resource for Bioinformatics." In *BMC Bioinformatics*. 10(313). Available: <http://www.biomedcentral.com/1471-2105/10/313>
- Good, B. M. and Tennis, J. T. (2009). "Term Based Comparison Metrics for Controlled and Uncontrolled Indexing Languages." In *Information Research*. 14(1). Available: <http://informationr.net/ir/14-1/paper395.html>

- "Three Creative Tensions in Document Interpretation Theory Set as Evidence of the Need for a Descriptive Informatics." (2009). In *Knowledge Organization*. 36(4): 190-199.
- "Epistemology, Theory, and Methodology in Knowledge Organization: Toward a Classification, Metatheory, and Research Framework." (2008). In *Knowledge Organization*. 35(2/3): 102-112. [Invited].
- 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.
- "Scheme Versioning in the Semantic Web." (2007). In *Cataloging and Classification Quarterly*. 43(4/3): 85-104. [Invited].
- "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.

### Refereed Chapters

- Michetti, G. ed. "Intellectual Control." (2019). In *Trusting Records in the Cloud*. (Facet Publishing and the Society for American Archivists): Forthcoming.
- "Never Facets Alone: The Evolving Thought and Persistent Problems in Ranganathan's Theories of Classification." (2017). In *Facets* (Ergon): 31-38.
- "Conceptual Provenance in Indexing Languages." (2016). In Vicki Lemieux (ed.). *Building Trust in Information: Perspectives on the Frontiers of Provenance*. Springer Proceedings in Business and Economics (IEEE). 93-99.
- "The Memory of What Is: Ontogenic Analysis and its Relationship to Ontological Concerns in Knowledge Organization." (2015). In Richard Smiraglia (ed.). *Ontology in Knowledge Organization*. (Ergon): 161-166. [Invited].
- "Metadata Application Profiles." (2015). *Encyclopedia of Archival Concepts, Principles, and Practices*. (Rowman & Littlefield).
- "Description Writ Large: comparisons and crossovers in the lineages of archival and bibliographic description." (2012). In Eduardo Ismael Murguía e Mara Elaine Fonseca Rodrigues (organizadores) *Arquivologia, Biblioteconomia e Ciência da Informação: identidades, contrastes e perspectivas de interlocução*. (Niterói: Editora UFF): 73-80.
- Gilliland, A., Lindberg, L., McCargar, V., Langmead, A., Lauriault, T., Leahey-Sugimoto, M., Evans, J., Tennis, J. T., and Wang, H. (2008). "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." In Duranti, L. and Preston, R. (eds). *International Research on Permanent Authentic Records in Electronic Systems (InterPARES) 2: Experiential, Interactive and Dynamic Records*. (Padova, Italy: Associazione Nazionale Archivistica Italiana): 262-307.
- Tennis, J.T. and Preston, R. (2008). "Part Eight – Terminological Instruments: Terminology Cross-domain Task Force Report." In Duranti, L. and Preston, R. (eds). *International Research on Permanent Authentic Records in Electronic Systems (InterPARES) 2: Experiential, Interactive and Dynamic Records*. (Padova, Italy: Associazione Nazionale Archivistica Italiana): 329-334.

### Refereed Conference Papers

- "Hierarchy and the Foundations of Classification: The Inspection of its Ontological Status and Its Role in Ethics." (2019). *ISKO Low Countries*. Forthcoming.
- "Metatheoretical Restoration: Modeling Ranganathan's Dynamic Theory of Classification." (2019). *North American Symposium on Knowledge Organization*. Forthcoming

- Houser, E. and Tennis, J. T. (2019). "Ethics for Contingent Classifications: Rorty's Pragmatic Ethics and Postmodern Knowledge Organization." *North American Symposium on Knowledge Organization*. Vol 7. 112-119.
- Houser, E. and Tennis, J. T. (2019). "Episemantics: Aboutness as Aroundness." *North American Symposium on Knowledge Organization*. Vol 7. 27-24.
- "Intellectual History, History of Ideas, and Subject Ontogeny." (2018). *Challenges and Opportunities for Knowledge Organization in the Digital Age. Proceedings of the 15th International ISKO Conference 9-11 July 2018, Porto, Portugal*. Advances in Knowledge Organization, Vol 16. 308-313.
- Salaba, A. and Tennis, J. T. (2018). "Solid Foundations and some secondary assumptions in the design of bibliographic metadata: toward a typology of complementary uses of metadata." *Challenges and Opportunities for Knowledge Organization in the Digital Age. Proceedings of the 15th International ISKO Conference 9-11 July 2018, Porto, Portugal*. Advances in Knowledge Organization, Vol 16. 450-457.
- Araújo, P. C. and Tennis, J. T. (2018). "Influence of metatheoretical research on knowledge organization." *Challenges and Opportunities for Knowledge Organization in the Digital Age. Proceedings of the 15th International ISKO Conference 9-11 July 2018, Porto, Portugal*. Advances in Knowledge Organization, Vol 16. 273-281.
- "Perspective, Voice, Reference, and Warrant: A Sample of Ameliorations to the Multi-Perspective Design Requirement and Some Arguments Against It." (2017). In *Advances in Classification Research* Vol. 27. 14-16.
- Araújo, P. C., Tennis, J. T., and Guimarães, J. A. C. (2017). "The Concept of Epistemology in Knowledge Organization: O Conceito de Epistemologia na Organização do Conhecimento." In *Memória, cultura e tecnologia na Organização do Conhecimento*, 4:71–78. *Estudos Avançados Em Organização Do Conhecimento*. Recife: Ed. UFPE. <http://isko-brasil.org.br/wp-content/uploads/2013/02/livro-ISKO-2017.pdf>
- "Facets and Change: Design Requirements for Analytic-Synthetic Schemes in Light of Subject Ontogeny Research." (2017). In *Faceted Classification Today: Theory, Technology and End Users: Proceedings of the International UDC Seminar 2017, London, UK, 14-15, September*. (Würzburg: Ergon): 163-169.
- "Ontogeny and Conceptual Geometry: Following Gärdefors to Create an Analytics for Conceptual Analysis and Change." In *Proceedings of the North American Symposium on Knowledge Organization*. (Urbana-Champaign, IL). [http://www.iskocus.org/NASKO2017abstracts/Tennis\\_Ontogeny%20and%20Conceptual%20Geometry.pdf](http://www.iskocus.org/NASKO2017abstracts/Tennis_Ontogeny%20and%20Conceptual%20Geometry.pdf).
- Johnson, T. Qu, X., and Tennis, J. T. (2017). "A Knowledge Organization Platform: Integrating SKOS and PROV for Ontogenic Analysis." In *Proceedings of the North American Symposium on Knowledge Organization*. (Urbana-Champaign, IL). Abstract available: [http://www.iskocus.org/NASKO2017abstracts/Johnson%20Qu%20and%20Tennis\\_A%20KO%20platform.pdf](http://www.iskocus.org/NASKO2017abstracts/Johnson%20Qu%20and%20Tennis_A%20KO%20platform.pdf)
- Zoloymi, A. and Tennis, J. T. (2017). "The Autism Prism: A Domain Analysis Paper Examining Neurodiversity." In *Proceedings of the North American Symposium on Knowledge Organization*. (Urbana-Champaign, IL). Available: <http://dx.doi.org/10.7152/nasko.v6i1.15153>
- Araújo, P. C., Guimarães, J. A. C., and Tennis, J. T. (2017). "Metatheory and Knowledge Organization." In *Proceedings of the North American Symposium on Knowledge Organization*. (Urbana-Champaign, IL). Available: <http://dx.doi.org/10.7152/nasko.v6i1.15154>
- "The Creativity of Classificationists: What Archival Records Show about the Global and Local Considerations in Classification Design." In Adler, M., Tennis, J. T., Martínez-Ávila, D., Guimarães, J. A. C., Mai, J-E., Olesson-Bagneux, O., Skouvig, L. (2016). *Global/Local Knowledge Organization: Contexts and Questions*. In *Proceedings of the ASIST Annual Meeting*. (Copenhagen, Denmark).
- "Structure of Classification Theory: On Foundational and the Higher Layers of Classification Theory." (2016). In Guimarães, J. A. C., Milani, S. O., and Dodobei, V. eds. *Knowledge Organization for a Sustainable World: Challenges and Perspectives for Cultural, Scientific, and Technological Sharing in a Connected Society*. Proceedings of the Fourteenth International ISKO Conference 27-29 September 2016, Rio de Janeiro, Brazil. *Advances in Knowledge Organization*, Vol 15: 84-87.

- "Archival Metadata for Digital Cultural Heritage: Conceptual Provenance, Contextual Forensics, and the Authority of the Found Digital Object." (2015). In *2015 Digital Cultural Heritage*. Vol. 6: 399-402. [One of three winners of the Best Paper Award in the Theory and Methodology Track at the Digital Heritage 2015 Conference].
- "Words and Emotional Work: Classification Theory's Constructs Useful for the Analysis of Social Media Data in Terms of Gender, Race, and Sexuality." (2015). *Proceedings of the Workshop on Exploring Gender, Race, and Sexuality through Social Media Data*. Available: <https://iconferencesocialmediadata.files.wordpress.com/2015/02/tennis.pdf>
- "Intensional Megacities: Toward Mapping the Semantics of Linked Classification Schemes." (2014). *Advances in Classification Research* Vol 25.
- "Description and Différance: Archives, Libraries, and Museum Descriptive Traditions and their Educational Communities and Cultures." (2014). In Urban, R. J., Coleman, L-E., Marty, P. F. Libraries, Archives, and Museums: Connecting Educational Communities and Cultures. In *Proceedings of the ASIST Annual Meeting*. (Seattle, Washington). DOI: 10.1002/meet.2014.14505101009
- "Rubrics of Authenticity in the Cloud: Metadata, Description, Documentation, and Discussion." (2014). In *Proceedings of the International Conference on Archives*. (Girona, Spain). Available: <http://www.girona.cat/web/ica2014/ponents/ponents/id231.htm>
- "Load Bearing or Levittown? The Edifice Metaphor in Conceptualizing the Ethos of Classification Work." (2014). In *Proceedings of the 13th Annual Conference on Knowledge Organization*. (Krakow, Poland). *Advances in Knowledge Organization* vol. 14. pp. 222-227.
- Newell, B. and Tennis, J. T. (2014). "Me, My Metadata, and the NSA." In *Proceedings of the iConference 2014*. ACM. pp. 345-365.
- Fuller, S., Hjørland, B., Ibekwe-SanJuan, F., Ma, L., Mai, J-E., Tennis, J. T., and Warner, J. (2013). "Uncovering Epistemological Assumptions underlying Research in Information Studies." In *Proceedings of the ASIST Annual Meeting* 50(1): 1-4.
- Adler, M., Milojević, S., Rogers, C., Tennis, J. T., van Hooland, S., West, J. D. (2013). "The Temporal Dimension in the Study of Knowledge Bases: Approaches to Understanding Knowledge Creation and Representation Over Time." In *Proceedings of the ASIST Annual Meeting*. 3pgs.
- "Metaphors of Time and Installed Knowledge Organization Systems: Ouroboros, Architectonics, or Lachesis?" (2013) In *Conceptions of Library and Information Science* 8. (Copenhagen, Denmark). Also in *Information Research* Available: <http://informationr.net/ir/18-3/colis/paperC38.html>.
- Adler, M. and Tennis, J. T. (2013). "Toward a Taxonomy of Harm in Knowledge Organization Systems." In *Proceedings of the North American Symposium on Knowledge Organization*. (Milwaukee, WI). [a top-ranked paper chosen for publication in a special issue of the journal *Knowledge Organization*].
- Tognoli, N. B., Guimarães, J. A. C., and Tennis, J. T. (2013). "Diplomatics as a Methodological Perspective for Archival Knowledge Organization." In *Proceedings of the North American Symposium on Knowledge Organization*. (Milwaukee, WI). Available: [http://iskocus.org/NASKO2013proceedings/TOGNOLI\\_GUIMARAES\\_TENNIS\\_DiplomaticsAsAMethodologicalPerspective.pdf](http://iskocus.org/NASKO2013proceedings/TOGNOLI_GUIMARAES_TENNIS_DiplomaticsAsAMethodologicalPerspective.pdf)
- "Collocative Integrity and Our Many Varied Subjects: What the Metric of Alignment between Classification Scheme and Indexer Tells Us About Langridge's Theory of Indexing." (2013). In *Proceedings of the North American Symposium on Knowledge Organization*. (Milwaukee, WI). Available: [iskocus.org/NASKO2013proceedings/Tennis\\_CollocativeIntegrity.pdf](http://iskocus.org/NASKO2013proceedings/Tennis_CollocativeIntegrity.pdf)
- "The Weight of Language and Action: Epistemic Stance, Methodological Action, and Theoretical Perspective in Knowledge Organization." (2013). In *Tales from the Edge: Narrative Voices in Information Research and Practice: Proceedings of the 41st Annual Conference of the Canadian Association of Information Science/L'Association canadienne des sciences de l'information*. (Victoria, British Columbia). Available: [http://www.cais-acsi.ca/proceedings/2013/Tennis\\_Submission48.pdf](http://www.cais-acsi.ca/proceedings/2013/Tennis_Submission48.pdf)

- Rogers, C., & Tennis, J. (2013). "Authenticity as a social contract – We are our records." In *iConference 2013 Proceedings* (Fort Worth, Texas). iSchools: 801-803. doi:10.9776/13393
- Steiner, T., van Hooland, S., Verborgh, R., and Tennis, J. T. (2013). "Identifying VHS Recording Artifacts in the Age of Online Video Platforms." In *Workshop on Search and Exploration of X-Rated Information (SEXI 2013)*. (Rome, Italy).
- Feinberg, M., Furner, J., Mai, J-E., & Tennis, J. T. (2012). "Humanistic Information Science." In *Proceedings of the ASIST Annual Meeting*. (Baltimore, MD). Available: <http://www.asis.org/asist2012/proceedings/submissions/151.pdf>
- "Aeons and Flux: Timelines and Epistemes in Classification Design and Evaluation." *Advances in Classification Research*. Vol. 23.
- "Data, Documents, and Memory: A Taxonomy of Sources in Relation to Digital Preservation Metadata." (2012). In *UNESCO Conference on Memory of the World in the Digital Age: Digitization and Preservation*. Available: [http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/CI/CI/pdf/mow/VC\\_Tennis\\_28\\_B\\_1030.pdf](http://www.unesco.org/new/fileadmin/MULTIMEDIA/HQ/CI/CI/pdf/mow/VC_Tennis_28_B_1030.pdf)
- "Facets and Fugit Tempus: Considering Time in Faceted Classification Schemes." (2012). In *Proceedings of the 12th International Conference for Knowledge Organization*. (Mysore, India). *Advances in Knowledge Organization* vol. 13. Ergon: Würzburg: 58-62.
- Guimarães, J. A. C. and Tennis, J. T. (2012). "Constant Pioneers: The Citation Frontiers of Indexing Theory in ISKO International Proceedings." In *Proceedings of the 12th International Conference for Knowledge Organization*. (Mysore, India). *Advances in Knowledge Organization* vol. 13. Ergon: Würzburg: 39-43.
- Tennis, J. T. and Rogers, C. (2012). "Authenticity Metadata and the IPAM: Progress toward the InterPARES Application Profile." In *International Conference on Dublin Core and Metadata Applications: Metadata for Meeting Global Challenges*. (Kuching/Sarawak, Malaysia): 38-45.
- Lee, J. H., Tennis, J. T., and Clarke, R. I. (2012). "Domain Analysis for a Video Game Metadata Schema: Issues and Challenges." In Zaphiris, P. et al., Eds. *Second International Conference, TPDL 2012, Paphos, Cyprus, September 23-27, 2012. Proceedings*: 280-285.
- Tennis, J. T., Thornton, K., and Filer, A. (2012). "Some Temporal Aspects of Indexing and Classification: Toward a Metrics for Measuring Scheme Change." In *Proceedings of the 2012 iConference*. ACM. pp. 311-316.
- "Comparative Modeling of Vickery's Faceted Classification and the Oeuvre of S. R. Ranganathan." (2012). In *Facets of Knowledge Organization: A Tribute to Professor Brian Vickery 1918-2009*. ASLIB. pp. 301-313.
- "Ranganathan's Layers of Classification Theory and the FASDA Model of Classification." (2011). *Proceedings of the 2011 North American Symposium on Knowledge Organization*. R. P Smiraglia, Editor. Available: <http://journals.lib.washington.edu/index.php/nasko/issue/view/862>
- "Ekphrasis, Artists' Intentions, and Anthropological Polemics in Angle Brackets: Toward a Thicker Description of Digital Documentary Material." (2011). *Advances in Classification Research*. Vol. 22. Available: <http://journals.lib.washington.edu/index.php/acro/issue/view/835>
- "Form, Intention, and Indexing: The Liminal and Integrated Conceptions of Work in Knowledge Organization." (2010). In *Advances in Classification Research*. Vol. 21. [invited]
- "Measured Time: Imposing a Temporal Metric to Classificatory Structures." (2010). In *Proceedings of the 11th International Conference for Knowledge Organization*. (Rome, Italy). *Advances in Knowledge Organization* vol. 12. Ergon: Würzburg: 223-228.
- "Fringe Types and KOS Systematics: Examining the Limits of the Population Perspective of Knowledge Organization Systems." (2009). *Advances in Classification Research*. Vol. 20. Available: <http://journals.lib.washington.edu/index.php/acro/issue/view/874>
- Tennis, J. T. and Jacob, E. K. "Toward a Theory of Structure in Information Organization Frameworks." (2008). In *Culture and Identity in Knowledge Organization: Proceedings of the 10th International Conference for*

*Knowledge Organization*. (Montreal, Quebec August 5-8, 2008). *Advances in Knowledge Organization* vol. 11. Ergon: Würzburg: 262-268.

- 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): 112-113. [abstract]  
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): 1-11. 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://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.
- "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.
- 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.
- "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): 16-22.
- "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.
- "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.

#### **Published Keynote Talks**

- "Foundations and Moving Forward: The Horizons and the Future of Research in Knowledge Organization." (2018). In Simões, M., & Borges, M., coord. *Tendências atuais e perspectivas futuras em Organização do Conhecimento: Atas do III Congresso ISKO Espanha e Portugal/XIII Congresso ISKO Espanha* (pp. 15-19). Coimbra: Universidade de Coimbra. Centro de Estudos Interdisciplinares do Século XX. Retrieved from <https://purl.org/sci/atas/isko2017>

- "Epistemic, Ontic, Axiologic, and Praxic Constructs in Knowledge Organization Research." (2015). In *Organização do Conhecimento e Diversidade Cultural. Estudos Avançados em Organização do Conhecimento V. 3*. 2015 ISKO-Brazil Conference. (Marília, São Paulo, Brazil): 21-29.
- "Constructs in Knowledge Organization Systems: Rhythm in Time, Intention, and Form." (2014). In *Contextes, langues et cultures dans l'organisation des connaissances [Texte imprimé] : actes du 9e Congrès ISKO France 2013, 10 & 11 octobre 2013, Fondation Maison des sciences de l'homme, Paris / coordonnateurs, Amos David, Philippe Kislin*. (Houdemont : ISKO-France):10-21.
- "Forms, Knowledge and Forms of Knowing: Correct and Useful Epistemology and Knowledge Organization." (2012). In Guimarães, J. A. C. and Dodebei, V. (eds.) *Desafios e perspectivas científicas para a organização do conhecimento na atualidade*. Estudos avançados em organização do conhecimento; 1. (Marília: ISKO-Brasil): 22-29.

### 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

- La Barre, K. and Tennis, J. T. (eds). (2012). *Advances in Classification Research. Vol. 23*. (Baltimore, Maryland). Available: <https://journals.lib.washington.edu/index.php/acro/issue/view/999>
- Feinberg, M. and Tennis, J. T. (eds.). (2011). *Advances in Classification Research. Vol. 22*. (New Orleans, Louisiana, October 12, 2011). Available: <https://digital.lib.washington.edu/ojs/index.php/acro/issue/view/835>
- Arsenault, C. and Tennis, J. T. (eds.). (2008). *Culture and Identity in Knowledge Organization: Proceedings of the 10th International Conference for Knowledge Organization*. (Montreal, Quebec, August 5-8, 2008). Advances in Knowledge Organization vol 11. Ergon. Würzburg.
- 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: <http://journals.lib.washington.edu/index.php/nasko/issue/view/862>
- Furner, J. and Tennis, J. T. (eds.) (2006). *Advances in Classification Research Vol. 17*. (Austin, Texas, November 4, 2006). Vancouver, BC: ASIST SIG/CR. <http://journals.lib.washington.edu/index.php/acro/issue/view/831>
- 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

- Tennis, J. T., Rogers, C., Timms, K., Owens, S., Rowledge, L. (2018). "NA16 Metadata: Mutatis mutandi – Design Requirements for Authenticity in the Cloud and Across Contexts." InterPARES Research Project. May 2018.
- Chaturvedi, S., Gandhi, S., Yu, S., Crandall, M., Tennis, J. T. (2013). "Content Strategy for ChronoZoom 2.0." Content Curation for ChronoZoom Project. January 2013.
- Rogers, C. and Tennis, J. T. (2012). "General Study 15 – Application Profile for Authenticity Metadata." InterPARES 3 Research Project. February 2012.
- Tennis, J. T. and Preston, "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

- "Ethos of Care: A Festschrift for Dr. Allyson Carlyle on the Occasion of her Retirement." (2018). In *Cataloging and Classification Quarterly* 56(8): 663-664.
- "Provenance: Past, Present and Future in Interdisciplinary Perspective: Report on the InterPARES Trust Interdisciplinary Workshop on Provenance." (2015). A whitepaper for the Second iTrust Interdisciplinary Workshop on Provenance. (Paris, France), September 2015.
- "Conceptual Provenance in Indexing Languages." (2015). A whitepaper for the First iTrust Interdisciplinary Workshop on Provenance. (Washington D.C.), May 2015.
- "Ethos and Ideology of Knowledge Organization: Toward Precepts for and Engaged Knowledge Organization Drawing on The Arts and Crafts Movement, Critical Theory, and Žižek." (2011). A White Paper
- Tennis, J. T., C. Rogers, S. Xie and R. Preston (2010), "Report on Metadata Developments (1): Interoperability Across Systems, Time, and Conceptions." *InterPARES 3 Project, Fourth International Symposium*. September 17, 2010. (Oslo, Norway). Available at [http://www.interpares.org/display\\_file.cfm?doc=IP3\\_isym04\\_presentation\\_4-2\\_canada.pdf](http://www.interpares.org/display_file.cfm?doc=IP3_isym04_presentation_4-2_canada.pdf)
- "Metadata: Interoperability Across Systems, Time, and Conceptions." (2010). *InterPARES 3 Project, Third International Symposium*. May 29, 2010. (Vancouver, British Columbia). Available at [http://www.interpares.org/display\\_file.cfm?doc=ip3\\_isym03\\_presentation\\_04-04--tennis.pdf](http://www.interpares.org/display_file.cfm?doc=ip3_isym03_presentation_04-04--tennis.pdf).
- 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*.
- "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://http://www.kmconnection.com/Access\\_to\\_PDFs.htm](http://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, 2006.
- *Knowledge and Knowing in Library and Information Science*. 2001. By John M. Budd. (Lanham, MD: Scarecrow Press). In *Libraries and Culture* 39(1): 107-108, 2004.

### Posters

- "Critical Structured Data Studies." iSchool Research Fair. Seattle, Washington, March 14, 2019.
- "FASDA Classification Theory." iSchool Research Fair. Seattle, Washington, March 14, 2019.
- "Authenticity Metadata and the Integrity of Systems: An Empirical Study" iSchool Research Fair. Seattle, Washington, March 14, 2019.
- "Platform Analysis and Change: A New Look at Domain Analysis in Light of Subject Ontogeny Work." iSchool Research Fair. Seattle, Washington, March 14, 2019.
- "Lemmata Manifest: Modeling Classification Theory Using IDEF0 Formalism to Surface Elisions." iSchool Research Fair. Seattle, Washington, February 22, 2018.
- "Semantic Space and Conceptual Geometry: A Gap Analysis for Classification Methodology." iSchool Research Fair. Seattle, February 22, 2018.
- "A Knowledge Organization System Observatory: First Steps and Functional Requirements." iSchool Research Fair. Seattle, Washington, March 9, 2017.
- "Conceptual Analysis and Scheme Change: Assumptions and Research Design Decisions." iSchool Research Fair. Seattle, Washington, March 9, 2017.
- "Methodological Constructs in Descriptive Informatics and Framework Analysis." iSchool Research Fair. Seattle, Washington, March 9, 2017.
- Weber, N. and Tennis, J. T. (2017). "Whose Truth? Digital Recordkeeping and Evidence in a Post-Truth World." iSchool Research Fair. Seattle, Washington, March 9, 2017.
- "Constructs in Classification Theory." iSchool Research Fair. Seattle, Washington, September 25, 2015.
- "Theoretical and Engineering Problems of Conceptual Provenance in Long-Lived Classification Schemes." iSchool Research Fair. Seattle, Washington, September 25, 2015.
- "Methodological Constructs in Subject Ontogeny Research." Second Edition. iSchool Research Fair. Seattle, Washington, September 25, 2015.
- "Methodological Constructs in Subject Ontogeny Research." iSchool Research Fair. Seattle, Washington, November 20, 2014.
- Davis, K., Lee, J. H., Morrissey, K. and Tennis, J. T. (2013). "CHIL: Cultural Heritage and Informal Learning at the iSchool." iSchool Research Fair. Seattle, Washington, November 21, 2013.
- "Edifice Complex: Conceptualizing Classification in 1890 and Now." iSchool Research Fair. Seattle, Washington, November 21, 2013.
- Crandall, M., Tennis, J. T., Sutton, S., Baker, T., and Talley, D. (2013). "Planning a Platform for Learning Linked Data." DC-2013 Linking to the Future. Lisbon, Portugal, September, 2-6, 2013.
- Rogers, C. and Tennis J. T. (2013). "Authenticity as a Social Contract – We Are Our Records." 2013 iConference. Dallas/Fort Worth, Texas, February 13-15, 2013.
- Crandall, M., Tennis, J. T., and Clarke, R. I. (2012). "Questions about Content Curation in ChronoZoom." iSchool Research Fair. Seattle, Washington, November 15, 2012.

- "Emerging Concepts in Ontogenic Analysis." (2012). iSchool Research Fair. Seattle, Washington, November 15, 2012.
- West, J. and Tennis, J. T. (2012). "Categorical Landscapes: Large Scale Cluster Analysis of Wikipedia's Category System Over Time." iSchool Research Fair. Seattle, Washington, November 15, 2012.
- Rogers, C. and Tennis, J. T. (2012). "Visualizing the Life-Cycle of Authenticity Metadata." iSchool Research Fair. Seattle, Washington, November 15, 2012.
- Lee, J. H., Tennis, J. T., and Clarke, R. I. "Video Game Metadata: A Project Report." International Conference on Dublin Core and Metadata Applications: Metadata for Meeting Global Challenges. Kuching/Sarawak, Malaysia September 2012.
- Jones, E. and Tennis, J. T. "Facets of Access: A Typology of Information Dissemination Systems." 2012 iConference. Toronto, Ontario, February 2012. [Best poster award winner]
- "Forms, Foundations, and the Ethos of Foremost: Zen Practice, Epistemology, and Ontology in Reflective Knowledge Organization." iSchool Research Fair. Seattle, Washington, November 2011.
- "Term Morphologies as Meaningful Typology Characteristics for Indexing Languages." iSchool Research Fair. Seattle, Washington, November 2011.
- Thornton, K. and Tennis J. T. "Eugenics and Anatomy: Case Study of Change and Stasis in Classificatory Structures." iSchool Research Fair, December 2010.
- "Caveat Fractal: Dissecting The Body of Indexing Theory, Uncovering Complexity, and Moving Toward Performativity." iSchool Research Fair, October 2009.
- Good, B.M. and Tennis, J. T. "Evidence of Term-Structure Differences among Folksonomies and Controlled Indexing Languages." Annual Meeting for the American Society for Information Science and Technology. Columbus, Ohio, October 24-29, 2008.
- 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.
- "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. [ALISE Doctoral Student SIG Research Poster Session Award Winner]
- 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.
- 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.

## PRESENTATIONS

### Keynotes

- "Domain Analysis and Domain Change: Platform Shift and Alignment Documentation and Knowledge Organization Work." The Inaugural Domain Analysis Clinic of the Institute for Knowledge Organization and Structure. (Milwaukee, Wisconsin), March 2019.
- "Foundations and Moving Forward: The Horizons and the Future of Research in Knowledge Organization." 2017 ISKO-Spain Portugal Conference. (Coimbra, Portugal), November 2017.
- "Epistemic, Ontic, Axiologic, and Praxic Constructs in Knowledge Organization Research." 2015 ISKO-Brazil Conference. (Marília, São Paulo, Brazil), September 2015.

- "Intentional Practice in Knowledge Organization and Librarianship." College Librarians and Media Specialists of Washington State 2015 Conference. (Everett, Washington), May 2015.
- "Constructs and Construct Patterns for Ethical Knowledge Organization." Third Milwaukee Conference on Ethics in Knowledge Organization. (Milwaukee, Wisconsin), May 2015.
- "Casting Our Eyes Over the Threads of the Cataloguer's Work: Population Perspective in Metadata Research." Evolution and variation of classification systems: How stable is the organization of knowledge and how diverse is its representations? Toward a Metadata Observatory. (Amsterdam, Netherlands), March 2015.
- "Constructs in Knowledge Organization Systems: Rhythm in Time, Intention, and Form." 9th Conference of ISKO-France. Contextes, langues et cultures dans l'organisation des connaissances. (Paris, France), October 2013.
- "Forms, Knowledge, and Forms of Knowing: Epistemology and Knowledge Organization." The First ISKO-Brazil Conference on KO and Representation. (Brasilia, Brazil), October 2011.
- "Engaged Knowledge Organization: A Rationale, Background, and Agenda for Work." ENANCIB 2009. The Annual Brazilian IS Conference, Track 2: Knowledge Organization. (João Pessoa, Brazil), October 2009.

### **Invited Talks**

- "Mutatis Mutandis: Evidence of Authenticity through "Metadata" and its Sources in Records Preservation." InterPARES Trust Cuban Workshop (Havana, Cuba), February 2019.
- "Semantic Record Keeping and the IPAM (InterPARES Authenticity Metadata Application Profile): A Different Kind of Case Study for Authenticity Metadata." InterPARES Trust European Workshop. (Rome, Italy), December 2018.
- "Knowledge Organization as Science: The Vision of Ingetraut Dahlberg." Fifteenth International ISKO Conference. (Porto, Portugal), July 2018.
- "The Ideal, the Real, and Way Forward: Archival Metadata in the Contemporary Distributed Environment." InterPARES European Team Symposium. (Jerusalem, Israel), June 2018.
- "Through Formal Analysis and Theories of Meaning: Extending the Trajectory of S. R. Ranganathan's Theoretical Frameworks in Classification Research." iSchool Research Symposium. (Seattle, WA), November 2017.
- "International Society for Knowledge Organization." 2017 NKOS Workshop. (Crystal City, VA), October 2017.
- "Through Formal Analysis and Theories of Meaning: Extending the Trajectory of S. R. Ranganathan's Theoretical Frameworks in Classification Research." 2017 Sarada Ranganathan Endowment Lectures / Ranganathan Memorial Lectures. (Chennai, India), October 2017.
- "Conceptual Geometry and Analytico-Synthetic Techniques in Classification." International Conference on Knowledge Organization for Information Management: Revisiting Ranganathan. (Chennai, India), October 2017.
- "Facets and Change: Design Requirements for Analytico-Synthetic Schemes in Light of Subject Ontogeny Research." International UDC Seminar 2017: Faceted Classification Today. (London, UK), September, 2017.
- "Expressing and Obscuring Throughout: Politics, Values, and Semantics Derived from a Conceptual Analysis of Classification Terms." Politics of Classification. Invitational Multidisciplinary Symposium. UCLA. (Los Angeles, CA), May 2017.
- "Do We Have All the Terms for this Art?: Exploring the Nature and Continued Conceptualization of KOS through their Collective and Individual Histories." Observatory for Knowledge Organisation Systems. (Valetta, Malta), February 2017.
- "The Hamburg Hydra and Semantics: Classification, Ethnography, Provenance, and Truth." Digital Humanities Cross-Disciplinary Lecture at Linnaeus University. (Växjö, Sweden), October 2016.

- "Renewable Concepts: Intellectual Landscape of Knowledge Organization for a Sustainable World." KO for a Sustainable World: ISKO Perspectives. At the International Society for Knowledge Organization Conference 2016. (Rio de Janeiro, Brazil).
- "Dublin Core at 21 and Beyond: On Solid Foundations We Build New Work." Dublin Core at 21. IFLA Satellite Meeting. (Dublin, Ohio), August 2016.
- "Contextual Forensics and Archival Metadata." Guest lecture in PhD, Master 1 and 2 Courses, Université Charles-de-Gaulle - Lille 3, (Lille, France), March 2016.
- "iSchools and the iSchools Movement." Guest lecture in PhD, Master 1 and 2 Courses, Université Charles-de-Gaulle - Lille 3, (Lille, France), March 2016
- "Construct and Construct Patterns for Ethical Knowledge Organization." European and International Doctoral Seminar on Advances in Social Sciences and Humanities: State of the Art, Findings, Perspectives from France and the International Community. Université Charles-de-Gaulle - Lille 3, (Lille, France), March 2016
- "Know You Do Wrong: Intentionality, Ethics, and Knowledge Organization." European and International Doctoral Seminar on Advances in Social Sciences and Humanities: State of the Art, Findings, Perspectives from France and the International Community. Université Charles-de-Gaulle - Lille 3, (Lille, France), March 2016
- "Information Provenance and Versioning: Ontogeny and Its Constructs." Guest lecture in Master 1 Course, Université Charles-de-Gaulle - Lille 3, (Lille, France), March 2016
- "Metadata in the Wild: Comparative Analysis of Knowledge Organization Structures, Practices, and Discourses." Guest lecture in Master 1 Course, Université Charles-de-Gaulle - Lille 3, (Lille, France), March 2016
- "On Paying Your Dues." Guest lecture PhD Class on Research Design Information School, University of Washington, (Seattle, Washington), October 2015
- "Cannons, Connections, and Questions." Round Table Talk at 2015 ISKO-Brazil Conference. (Marília, São Paulo, Brazil), September 2015.
- "Local and Global Knowledge Organization: Constructs, Commonalities, and our new Cartography." Local and Global Knowledge Organization. (Copenhagen, Denmark), August 2015.
- "Invisible 'Conceptual' Art and the Harm It Can Do: Defining the Aesthetics of the Archive, Classification, and Knowledge Organization." This Might Now Work interdisciplinary presentation series. Photo Center Northwest. (Seattle, Washington), July 2015.
- "Conceptual Provenance in Indexing Languages." iTrust Interdisciplinary Workshop on Provenance. World Bank. (Washington, D.C.), May 2015.
- "Categoriography: Thick Description of Semantics in Long-lived Complex Information Systems." E-Humanities, Royal Netherlands Academy of Arts and Sciences. (Amsterdam, Netherlands), March 2015.
- "Cannons, Affiliations, and Polytey: The Future of Knowledge Organization and ISKO." A Discussion panel. ISKO and KO 25 Anniversary: The Future of Knowledge Organization and ISKO. International Society for Knowledge Organization. (Krakow, Poland), May 2014.
- "Networks, Authenticity, Metadata, and the Cloud." International Symposium on Records in the Cloud. (Stockholm, Sweden), May 2014.
- "Linnaean Fever: Symptoms and Heuristics in the Order of the Archive." University of Washington Art Department. (Seattle, Washington), May 2014.
- "Immovable Types, Conceptual Neighborhoods, or Semantic Diaspora? Making Sense of the Findings from the Ontogenic Analysis of a Long-Lived Classification Scheme." UIUC. (Urbana-Champaign, Illinois), July 2013.
- "Open Worlds in Closed Systems: The Methodological Concerns at the Intersection of Literary Warrant and Vocabulary Scheme Change." UCLA. (Los Angeles, California), May 2013.

- "The Strange Case of Eugenics: A Subject's Ontogeny in a Long-Lived Classification Scheme and the Question of Collocative Integrity." ALISE '13: Annual Conference of the Association for Library and Information Science Education. [talk given in accepting the ALISE/Bohdan S. Wynar award] (Seattle, Washington), January 2013.
- "Metadata and Schema Issues as Part of ChronoZoom 2.0." January Kickoff for ChronoZoom 2.0 Summit, Microsoft Research. (Redmond, Washington), January 2013.
- "Time Capsulation: Conceptual and Methodological Issues in Studying Scheme Change." McGill University. (Montreal, Quebec), November 2012.
- "The Strange Case of Eugenics vs. Anatomy: Investigating and Benchmarking Change in Subject Classification." University of Montreal. (Montreal, Quebec), November 2012.
- "Subject Ontogeny, Intention in Indexing, and Descriptive Informatics." Information Science Graduate School of Santa Catarina Federal University." (Florianópolis, Brazil), November 2012.
- "Precepts for an Engaged Knowledge Organization." Transl. "Preceitos para uma Organização do conhecimento comprometida – EKO." (Florianópolis, Brazil), November 2012. [talk based on my 2011 text]
- "Precepts for an Engaged Knowledge Organization." Transl. "Preceitos para uma Organização do conhecimento comprometida – EKO." Univerisade de Estaudual Paulista, UNESP. (Marília, Brazil), November 2012. [talk based on my 2011 text]
- "Subject Ontogeny and Scheme Versioning: A Semantic Archaeology and Its Methods." Univerisade de Estaudual Paulista, UNESP. (Marília, Brazil), November 2012.
- "Coordinate Enunciation: Examining Scheme Change against the Backdrop of Text Corpora 1876-Present." Emily Bender Computational Linguistics Lab Meeting, University of Washington. (Seattle, Washington), April 2012.
- "Enumerating and Erasing Eugenics in the DDC: Methodological Concerns at the Intersection of Literary Warrant and Scheme Change." University of Wisconsin at Milwaukee. (Milwaukee, Wisconsin), April 2012.
- "Neither Editor nor Librarian: The Interventions Required in the New Context of Texts in the Digital World." Modern Language Association (representing UW Textual Studies research). (Seattle, Washington), January 2012.
- "Description Writ Large: Comparisons and Crossovers in the Lineages of Archival and Bibliographic Description." (Niterói, Brazil), September 2011.
- "Precepts for an Engaged Knowledge Organization." Transl. "Preceitos para uma Organização do conhecimento comprometida – EKO." Univerisade de Estaudual Paulista, UNESP. (Marília, Brazil), September 2011.
- "Classification." Guest lecture at the University of Montreal. (Montreal, Quebec), March 2011.
- "Form, Intention, and Indexing: Liminal Conception Work and Integrated Conception of Self and Labor in Knowledge Organization." American Society for Information Science and Technology Special Interest Group/Classification Research Workshop. (Pittsburgh, Pennsylvania), November 2010.
- "Report on Metadata Developments (1): Interoperability Across Systems, Time, and Conceptions. InterPARES 3 Project. Fourth International Symposium. (Oslo, Norway), September 2010.
- "San Francisco Zen Center Archives: Business Records, Media Assets, Community Heritage, and the History of Western Zen." (Report to the Community on Project #1). (San Francisco, California), July 2010.
- "Metadata: Interoperability Across Systems, Time, and Conceptions." InterPARES 3 Project, Third International Symposium. (Vancouver, British Columbia), May 2010.
- "Knowledge Organization as Design Research." Design, Use, Build (DUB) colloquium. University of Washington. (Seattle, Washington), May 2010.
- "Work-Thema, Theme-Nomen, and Group 3: Or What Is It All About?" Response to papers presented in a panel on Functional Requirements for Subject Authority Records at the 10th International Conference for Knowledge Organization. (Montreal, Quebec). August 2008.

- "2008@myStuffWicked and [within double rules] An Account | OF | VIRTUE: | OR, | Dr. *Henry More's* | ABRIDGMENT | OF | MORALS, | Put into English. ||: The Landscape of Contemporary Resource Description." 2008. Guest Lecture for the Carleton College and St. Olaf College Bridge Consortium. (Northfield, Minnesota), April 2008.
- "Going through the Motions: The Process and Product of Tagging." Athenaeum Panel Presentation, Carleton College. (Northfield, Minnesota), April 2008.
- "Semantics on the Web." Guest lecture for CS 111 at Carleton College. Given twice for two different sections of the course. (Northfield, Minnesota), April 2008.
- "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, Symposia, and Workshop Presentations**

- "Hierarchy and the Foundations of Classification: The Inspection of its Ontological Status and its Role in Ethics." The Inaugural Conference of the Low Countries Chapter of the International Society for Knowledge Organization. (Brussels, Belgium), June 2019.

- "Metatheoretical Restoration: Modeling Ranganathan's Dynamic Theory of Classification." North American Symposium on Knowledge Organization. (Philadelphia, PA), June 2019.
- "Episemantics: Aboutness as Aroundness." North American Symposium on Knowledge Organization. (Philadelphia, PA), June 2019. With Elliott Hauser.
- "Second-Order Classification Theory: Contextualizing Classification Change in Our Design Commitments." iSchool Research Symposium. (Seattle, WA), April 2019.
- "Engineering the Discourse, or, New Sources for the History of Ideas: A Workshop Exploring the Intersection of Linked Open Data, Classification Theory, and Digital Humanities." UCLA Workshop on Classification Theory, Digital Humanities, and Linked Data. (Los Angeles, CA), November 2018.
- "Warrant, Analysis, and Mapping: Classification Theory, Digital Humanities and the Contemporary Linked Data Environment" UCLA Workshop on Classification Theory, Digital Humanities, and Linked Data. (Los Angeles, CA), November 2018.
- "Expressing and obscuring throughout: Politics, values, and semantics derived from a conceptual analysis of classification terms." The Politics of Classification workshop. 15th International Conference on Knowledge Organization. (Porto, Portugal), July 2018.
- "Intellectual History, History of Ideas, and Subject Ontogeny." 15th International Conference on Knowledge Organization. (Porto, Portugal), July 2018.
- "Solid Foundations and Some Secondary Assumptions in the Design of Bibliographic Metadata: Toward a Typology of Complementary Uses of Metadata." 15th International Conference on Knowledge Organization. (Porto, Portugal), July 2018.
- Araújo, P. C. and Tennis, J. T. "Influence of Metatheory on Knowledge Organization." 15th International Conference on Knowledge Organization. (Porto, Portugal), July 2018.
- "Ensuring the Future of Libraries: Connecting the Academy and the Profession." Public Library Association (PLA) 2018 Conference. (Philadelphia, PA), March 2018.
- "Perspective, Voice, Reference, and Warrant: A Sample of Ameliorations to the Multi-Perspective Design Requirement and Some Arguments Against It." American Society for Information Science and Technology Special Interest Group/Classification Research Workshop. (Crystal City, VA), October 2017.
- "The Creativity of Classificationists: What Archival Records Show about the Global and Local Considerations in Classification Design." Global/Local Knowledge Organization: Contexts and Questions Panel at American Society for Information Science and Technology Annual Meeting. (Copenhagen, Denmark), October 2016.
- "Structure of Classification Theory: On Foundational and the Higher Layers of Classification Theory." 14th Annual Conference on Knowledge Organization. (Rio de Janeiro, Brazil), 2016.
- "On Operationalization and Evaluation of Epistemic and Ontological Claims to Knowledge Organization." American Society for Information Science and Technology Special Interest Group/Classification Research Workshop. (St. Louis, Missouri), November 2015.
- "Archival Metadata for Digital Cultural Heritage: Conceptual Provenance, Contextual Forensics, and the Authority of the Found Digital Object." Digital Cultural Heritage 2015 Conference. (Granada, Spain), October 2015.
- "Foundational, First-Order, and Second-Order Classification Theory." North American Symposium on Knowledge Organization. (Los Angeles, California), June 2015.
- "Words and Emotional Work: Classification Theory's Constructs Useful for the Analysis of Social Media Data in Terms of Gender, Race, and Sexuality." Workshop on Exploring Gender, Race, and Sexuality through Social Media Data. iConference 2015. (Newport Beach, California), March 2015.
- "Intensional Megacities: Toward Mapping the Semantics of Linked Classification Schemes." American Society for Information Science and Technology Special Interest Group/Classification Research Workshop. (Seattle, Washington), October 2014.



- "Description and Différance: Archive, Library, and Museum Descriptive Traditions and Their Educational Communities and Cultures." Association of Information Science and Technology annual meeting. (Seattle, Washington), November 2014.
- "A Crucible for Collections and Classification: The Built Environment, the Social Milieu, and Their Effect on Bibliographical Access in of New York City Libraries 1890-1930." iSchool Research Conversations. (Seattle, Washington), Fall 2014.
- "Rubrics of Authenticity in the Cloud: Metadata, Description, Documentation, and Discussion." Archives and Cultural Industries. International Council on Archives. (Girona, Spain). October 2014.
- "Metadata, Mutatis Mutandis: Cloud-Based Conceptions of Authenticity Metadata." Provenance, Metadata & Ethics: Trust and Recordkeeping in the Cloud? Society for American Archivists. (Washington, D. C.), August 2014.
- "2014 San Francisco Zen Center Archives Project." San Francisco Zen Center. (San Francisco, CA), July 2014.
- "Load Bearing or Levittown? The Edifice Metaphor in Conceptualizing the Ethos of Classification Work." 13th Annual Conference on Knowledge Organization. (Krakow, Poland), May 2014.
- "Evidence or Tea Leaves? Digital Records, Fragmented Systems, and Authenticity Metadata." Investigating the Archive: Memory & Identity. (Dundee, Scotland), April 2014.
- "A New York Semantic Pastiche: Writing and Intertextuality in the Billings Classification." Society for Textual Studies 18th International Interdisciplinary Conference. (Seattle, Washington), March 2014.
- "Justified and True Intentions: Epistemic Assumptions in KOS Research." On the panel *Uncovering Epistemological Assumptions underlying Research in Information Studies*. Association for Information Science and Technology. (Montréal, Québec), November 2013.
- "Metaphors of Time and Installed Knowledge Organization Systems: Ouroboros, Architectonics, or Lachesis?" Conceptions of Library and Information Science 8. (Copenhagen, Denmark), August 2013.
- "Temporal Aspects of Metadata Aggregations in Cultural Heritage Repositories: ChronoZoom HathiTrust and the Volume, Variety, and Velocity of Contemporary Information Organization." 2013 Joint Conference on Digital Libraries. (Indianapolis, IN), July 2013.
- "Toward a Taxonomy of Harm in Knowledge Organization Systems." North American Symposium on Knowledge Organization. (Milwaukee, WI), June 2013.
- "Diplomatics as a Methodological Perspective for Archival Knowledge Organization." North American Symposium on Knowledge Organization. (Milwaukee, Wisconsin), June 2013.
- "Collocative Integrity and Our Many Varied Subjects: What the Metric of Alignment between Classification Scheme and Indexer Tells Us About Langridge's Theory of Indexing." North American Symposium on Knowledge Organization. (Milwaukee, Wisconsin), June 2013.
- "The Weight of Language and Action: Epistemic Stance, Methodological Action, and Theoretical Perspective in Knowledge Organization." (2013). 41st Annual Conference of the Canadian Association of Information Science/L'Association canadienne des sciences de l'information. (Victoria, British Columbia), June 2013.
- "Aeons and Flux: Timelines and Epistemes in Classification Design and Evaluation." American Society for Information Science and Technology Special Interest Group/Classification Research Workshop. (Baltimore, Maryland), October 2012.
- "Toward a Geometry of Meaning: Some Work on Creating a Systematic Evaluation Rubric for Knowledge Organization Systems." iSchool Research Conversations. (Seattle, Washington). October 2012.
- "Data, Documents, and Memory: A Taxonomy of Sources in Relation to Digital Preservation Metadata." Memory of the World in the Digital Age: Digitization and Preservation. (Vancouver, British Columbia). September 2012.

- "Trust, Conflicting Rights, and Metadata." Peter Wall Institute for Advanced Study Exploratory Workshop on Trust and Conflicting Rights in the Digital Environment. (Vancouver, British Columbia), September 2012.
- Tennis, J. T. and Rogers, C. "Authenticity Metadata and the IPAM: Progress toward the InterPARES Application Profile." International Conference on Dublin Core and Metadata Applications: Metadata for Meeting Global Challenges. (Kuching/Sarawak, Malaysia). September 2012.
- "Facets and Fugit Tempus: Considering Time in Faceted Classification Schemes." 12th International Conference for Knowledge Organization. (Mysore, India). August 2012.
- Guimarães, J. A. C. and Tennis, J. T. (2012). "Constant Pioneers: The Citation Frontiers of Indexing Theory in ISKO International Proceedings." 12th International Conference for Knowledge Organization. (Mysore, India). August 2012
- "A Convenient Verisimilitude or Oppressive Internalization? Characterizing the Ethical Arguments surrounding Hierarchical Structures in Knowledge Organization Systems." 2nd Milwaukee Conference on Ethics of Information Organization. (Milwaukee, Wisconsin). June 2012.
- "Tale of Two Timelines: Structural Analysis and Comparison of Chain of Preservation Metadata and Classification Scheme Change Over Time." iSchool Research Conversations. (Seattle, Washington). April, 2012.
- "Some Temporal Aspects of Indexing and Classification: Toward a Metrics for Measuring Scheme Change." iConference 2012. (Toronto, Ontario). February 2012.
- "The Scaffolding of Self-Becoming: Some Feminist Perspectives on Structure and Semantics in Knowledge Organization." iSchool Research Conversations. (Seattle, Washington). November 2011.
- "Diachrony in Indexing Languages: A Case Study of Anatomy and Eugenics in the Dewey Decimal Classification." Linguistics Colloquium, University of Washington. (Seattle, Washington). November 2011.
- "Leveraging Metadata: Interoperability Across Systems, Time and Conceptions." Society of American Archivists Annual Meeting. (Chicago, Illinois). August 2011.
- "Comparative Modeling of Vickery's Faceted Classification and the Oeuvre of S. R. Ranganathan." International Society for Knowledge Organization – United Kingdom. (London, UK). July 2011.
- "Clarity in Form and Purpose: Metadata beyond the Schemas." Association of Canadian Archivists. (Toronto, Ontario). June 2011.
- "All I Want for Christmas is an Ontomon Visualizer, or, A Tool Wishlist for Descriptive Informatics." iSchool Research Conversations. (Seattle, Washington). December 2010.
- "Report on Metadata Developments (1): Interoperability Across Systems, Time, and Conceptions." InterPARES 3 Project, Fourth International Symposium. (Oslo, Norway). September 2010.
- "Metadata: Interoperability Across Systems, Time, and Conceptions." InterPARES 3 Project, Third International Symposium. (Vancouver, British Columbia). May 2010.
- "Measured Time: Imposing a Temporal Metric to Classificatory Structures." International Society for Knowledge Organization 11<sup>th</sup> International Conference. (Rome, Italy). February 2010.
- "Modeling Ranganathan's Classification Theory Using IDEF0 Formalism." iSchool Research Conversations. (Seattle, Washington). February 2010.
- "Precepts for Engaged Knowledge Organization." The Ethics of Information Organization. (Milwaukee, Wisconsin). May 2009.
- "Toward a Theory of Structure in Information Organization Frameworks." International Society for Knowledge Organization 10th International Conference. (Montreal, Quebec). August 2008.

- "Modeling Ranganathanian Classification Theory: Toward Formalisms for the Theoretical Design and Evaluation of Subject Classification Systems." 36th Annual Meeting of the Canadian Association for Information Science/L'Association canadienne des sciences de l'information. (Vancouver, British Columbia). June 2008.
- "A Brief Introduction to Records and Archival Metadata." Talk for The Information School Value Sensitive Design Lab. (Seattle, Washington). December 2007.
- "Are there Ontomon? Looking for Types of Information Organization Frameworks and Systems." University of Washington The Information School 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). HUSITA7 - The 7th International Conference of Human Services Information Technology Applications. (Hong Kong), August 2004.
- "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.

#### **FUNDING FOR RESEARCH PROJECTS, CONTRACTS, AND COLLABORATIONS**

Total number of research funds to date - \$5,669,631

2005-Present

#### **Research Grants for which I was or am a PI or Co-PI - \$233,160**

- Across the Centuries: Subject Ontogeny at Scale in the DDC and UDC (Joseph T. Tennis, PI)  
Associate Dean for Research Strategic Research Fund, 2018, Information School \$15,000 USD
- Grand Designs Stage 1: Documenting the Birth of the Modernist Methods of the Classificationist. (Joseph T. Tennis, PI)  
Associate Dean for Research Seed Fund, 2015, Information School \$2000 USD
- History and Theory of Indexing, Indexing Languages, and Classification a book project (Joseph T. Tennis, PI)  
Associate Dean for Research Junior Faculty Grant, \$2892 USD, Fall 2012-Spring 2013
- Content Curation for ChronoZoom (Mike Crandall, Co-PI, Joseph T. Tennis Co-PI)  
Microsoft, \$153,509 USD, Fall 2012-Spring 2013

- Planning for Development of an Integrated Learning Platform to Teach the Principles and Process of Metadata Design for a Linked Data Environment (Mike Crandall, PI, Joseph T. Tennis Co-PI) Institute for Museum and Library Services, \$49,759 USD, Spring-Fall 2012
- New Bibliography Workshop (Joseph T. Tennis, PI) Simpson Center for Humanities, UW \$4000 USD, Fall 2010
- 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 to go the University of Washington).

#### **Research Grants for which I was or am a Collaborator - \$5,337,123**

- Global and Local Knowledge Organization: Exploration of International Cooperation (Jens-Erik Mai, PI) Danish Agency for Science, Technology, and Innovation, International Network Program DKK 277.926 [\$42,163 USD], August 2015
- Trust and Digital Records in an Increasingly Networked Society (Luciana Duranti, PI) Social Sciences and Humanities Research Council, \$2.5 Million CAD 2013-2019
- 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 2007-2009
- Theoretical Elaboration into Archival Management (TEAM) Canada: Implementing the Theory of Preservation of Authentic Records in Electronic Systems in Small and Medium-sized Organizations, *aka* InterPARES 3 (Collaborator) [Luciana Duranti, PI] Social Sciences and Humanities Research Council \$1 Million CAD, 2007-2012
- 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 2006-2007
- 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

#### **Research Grants for which I was or am an Advisor - \$99,348**

- Developing the Data Set of Nineteenth-Century Knowledge (Peter Loga, PI, Joseph T. Tennis Advisory Board Member) National Endowment for the Humanities, Digital Humanities Advancement Grant Proposal, Level II, \$99,348 USD 2018-2020

#### **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*  
ISO 15836: (Forthcoming) Information and documentation -- The Dublin Core metadata element set  
ISO 15836: 2014 Information and documentation -- The Dublin Core metadata element set  
Dublin Core Metadata Terms, <http://www.dublincore.org/documents/dcmi-terms/>  
Dublin Core Metadata Element Set, Version 1.1, <http://www.dublincore.org/documents/dces/>  
NISO Standard Z39.85-2007, <http://www.niso.org/standards/resources/Z39-85-2007.pdf> (superseded in 2013)

NISO Standard Z39.85-2013, [http://www.niso.org/apps/group\\_public/project/details.php?project\\_id=105](http://www.niso.org/apps/group_public/project/details.php?project_id=105)  
 DCMI Type Vocabulary, <http://www.dublincore.org/documents/dcmi-type-vocabulary/>  
 DC Collections Application Profile, <http://dublincore.org/groups/collections/collection-application-profile/>  
 Scholarly Works Application Profile,  
[http://www.ukoln.ac.uk/repositories/digirep/index/Scholarly\\_Works\\_Application\\_Profile](http://www.ukoln.ac.uk/repositories/digirep/index/Scholarly_Works_Application_Profile)  
 Criteria for the Review of Application Profiles, <http://dublincore.org/documents/profile-review-criteria/>

## INFORMATION SYSTEMS MANAGEMENT

- Advances in Classification Research Online (with UW Libraries) – 2011-Present  
<https://digital.lib.washington.edu/ojs/index.php/acro>
- North American Symposium on Knowledge Organization Online (with UW Libraries) – 2011-Present  
<https://digital.lib.washington.edu/ojs/index.php/nasko/>
- Dublin Core Online Proceedings and Thesaurus – 2003-2007  
<http://purl.oclc.org/dcpapers>

## METADATA SCHEMA DESIGN

- InterPARES Authenticity Metadata (287 Properties) with Corinne Rogers (2012 – 2017)
- MuseMeta Museum Metadata Application Profile (207 properties) with the 2012 Winter and Spring INFX 571 class
- Video Game Metadata (16 core properties) with Jin Ha Lee, Rachel Clarke, and the 2012 Fall INFX 571 class

## PROFESSIONAL WORK EXPERIENCE

|  |           |
|--|-----------|
| <b>Reference and Instruction Librarian</b> , <i>Carleton College</i>           | 2000-2001 |
| <b>Reference Assistant</b> , <i>Indiana University Research Collections</i>    | 1999-2000 |
| <b>Instruction Assistant</b> , <i>Indiana University Undergraduate Library</i> | 1999-2000 |

## PHD STUDENT WORK EXPERIENCE

|  |           |
|--|-----------|
| <b>Pre-Doctoral Instructor</b> , <i>University of Washington</i> | 2003-2004 |
| <b>Research Assistant</b> , <i>University of Washington</i>      | 2001-2005 |
| <b>Pre-Doctoral Lecturer</b> , <i>University of Washington</i>   | 2001-2002 |

## CONSULTING

- League of Comics Librarians – Comics Recommender System start up – 2012
- Artefactual Systems – Archivematica Digital Records Software System – 2012
- DirectSwap – A Derivative Exchange Metadata Schema – 2012
- San Francisco Zen Center – Archives Project – 2010-Present
- Group Health Research Institute – Cross Domain Vocabulary Project – 2010-2011
- Government of Canada, Government Records Branch of the Library and Archives Canada – Records Metadata – 2009
- Carleton College, United States – Information Science and Information Literacy at Carleton College – 2008
- 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

### Research Grants

- Institute for Museum and Library Services, Leadership Grants, Research and Demonstration: Field panel, May 2014
- Institute for Museum and Library Services, Leadership Grants, Research and Demonstration: Research panel, May 2010
- Institute for Museum and Library Services, Leadership Grants, Research & Demonstration: Tools and Technology panel, May 2009
- National Science Foundation, CISE Directorate, IIS Division solicitation, NSF 07-577, Cluster III, April 2008
- Reviewer, City University of New York Grant Research Award Program, 2006

### Presses

- Reviewer, Oxford University Press, February 2018
- Reviewer, MIT Press, May 2018

### Journals, Annuals, and Book Chapters

- Reviewer, Knowledge Organization, March 2016, March 2019, August 2019
- Reviewer, Library Quarterly, March 2016
- Reviewer, Journal of Digital Cultural Heritage, February-March, 2016
- Reviewer, for special issue on Indigenous Knowledge Organization for Cataloging and Classification Quarterly, September 2014
- Reviewer, for the Brazilian Journal of Information Science, December 2014
- Reviewer, for the Journal of Documentation, October 2013, November 2017, November 2018
- Reviewer, for the monograph *New Directions in Information Organization*, May 2012
- Reviewer, Information Processing and Management, January 2012
- Reviewer, Advances in Complex Systems, February 2012
- Reviewer, Archival Science, January 2012
- Reviewer, Information Polity, January 2012
- Reviewer, for the journal Information Research, March-May 2010
- Reviewer, Advances in Information Management Systems – E-Government, February-October 2008
- Reviewer for the Journal of the American Society for Information Science and Technology, December 2007, 2008, 2009, 2012, 2013, 2014
- Reviewer for the Annual Review of Information Science and Technology (ARIST), November 2007
- Secondary reviewer for the journal BMC Biomedical Informatics, December 2007
- Reviewer for the journal Transactions on Information Systems (TOIS), April-May 2007
- Reviewer, Library and Information Science Research, September 2006, 2007, 2012
- Reviewer for the journal New Review of Hypermedia and Multimedia, 2006
- Reviewer for Canadian Journal of Information and Library Science, 2006, 2008
- Reviewer, International Journal on Electronic Government Research, 2005
- Reviewer for the journal Knowledge Organization, 2005-Present

### Conferences and Workshops

- Member, Program Committee, 2020 International Society for Knowledge Organization Conference, September 2019-March 2020
- Member, Program Committee, 2011 iConference, February -December 2019
- Member, Program Committee, 2019 Ontologies for Linked Open Data in the Humanities, May 2019

- Member, Program Committee, 2019 Annual Meeting of the Association for Information Science and Technology, March-May 2019
- Member, Program Committee, ISKO-Low Countries Conference, March-June 2019
- Associate Chair, 2018 iConference, September-November 2018
- Member, Program Committee, 2018 NKOS workshop at the TPDL Conference, May-July 2018
- Member, Program Committee, 2018 Annual Meeting of the Association for Information Science and Technology, March-May 2018
- Member, Review Committee, 2017 ASIST Doctoral Colloquium, August 2017
- Co-Chair, Dissertation Award Committee, 2018 iConference, April 2017-March 2018
- Member, Program Committee, 2017 UDC Seminar, March 2017
- Member, Program Committee, 2017 ISKO-France Conference, November 2016-March 2017
- Member, Program Committee, 2016 NKOS workshop for Dublin Core Conference, May-July 2016
- Member, Program Committee, 2016 Annual Meeting of the Association for Information Science and Technology, March-May 2016
- Member, Program Committee, 2016 Dublin Core Conference, April-July 2016
- Reviewer, 2015 SIG/CR, ASIST Workshop, August, 2015
- Member, Program Committee, 2014 North American Symposium on Knowledge Organization, January-April 2015
- Member, Program Committee, 2014 UDC Symposium, August-Present, 2014
- Member, Program Committee, 2014 Annual Meeting of the Association for Information Science and Technology, May-July 2014
- Reviewer, 2013 SIG/CR, ASIST Workshop, August, 2013
- Member, Program Committee, 2013 NKOS workshop for TPDL, March 2013-August 2013
- Member, Scientific Committee, International Conference of the International Society for Knowledge Organization, June 2013-May 2014
- Member, Program Committee, 2013 Annual Meeting of the American Society for Information Science and Technology, May-July 2013
- Member, Program Committee, iConference 2014, March-November 2013
- Member, Program Committee, 2012 Dublin Core Conference, April-June 2012
- Member, Program Committee, North American Symposium on Knowledge Organization, January –April 2013
- Member, Program Committee, 2013 Workshop on Computational Scientometrics: Theory and Applications, iConference 2013, January 2013
- Member, Program Committee, 2013 UDC Seminar, September 2012-Present
- Member, Program Committee, 2012 Dublin Core Conference, April-June 2012
- Member, Program Committee, 2012 NKOS workshop for TPDL (née ECDL), March 2012-September 2012
- Member, Program Committee, 2012 Ethics in Information Organization conference, October 2011-March 2012
- Member, Scientific Committee, 2012 International Conference of the International Society for Knowledge Organization, August 2011-February 2012
- Member, Program Committee, 2011 Dublin Core Conference, February-August 2011
- Member, Program Committee, 2010 Dublin Core Conference, April-May 2010
- Member, Program Committee, 2011 iConference, February -December 2010
- Member, Program Committee, 2010 International Conference of the International Society for Knowledge Organization, June-August, 2009.
- Member, Program Committee, North American Symposium on Knowledge Organization, April 2009



- Member, Program Committee, 2009 Annual Meeting of the American Society for Information Science and Technology, January-November 2009
- Member, Programme Committee, Networked Knowledge Organization Systems and Services, The 7th European Networked Knowledge Organization Systems (NKOS) Workshop, 11th ECDL Conference, July 2008
- Member, Program Committee, 2008 Annual Meeting of the American Society for Information Science and Technology, January-November 2008
- Member, Program Committee, 2008 Dublin Core Conference, February 2008
- Reviewer, iConference 2008: iFutures: Systems, Society, and Selves, December 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
- Member, Program Committee, North American Symposium on Knowledge Organization, January-May 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
- Member, Program Committee, 2006 Dublin Core Conference: Metadata for Knowledge and Learning, 2006
- Reviewer, 39th Hawaii International Conference on Systems Sciences, Summer 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

## ADJUDICATION AND PANELS

### Best Paper Awards

- The journal *Knowledge Organization* Best Paper Award Committee, 2019

## TEACHING

### Courses Taught, *University of Washington*

|  |   |
|--|---|
| History and Foundations of Libraries and Librarianship | Fall 2018   |
| Capstone Project (INFX)                                | Winter and Spring 2013  |
| The Question of Information (MLIS)                     | Fall 2012, 2013   |
| Research Seminar (INFX)                                | Summer, Fall, 2011; Winter, Spring 2012                           |
| Theoretical Foundations of Information Science (PhD)   | Spring 2012, Winter 2013, 2014, 2015, 2016, 2017                  |
| Classification Theory (MLIS/PhD)                       | Spring 2011, 2013, 2014 Winter 2014                               |
| Social Tagging (MLIS)                                  | Summer 2010   |
| Indexing and Abstracting (MLIS)                        | Spring 2009   |
| Teaching Practicum II (1 student, PhD)                 | Winter 2009, 2010, 2011   |
| Research Practicum (3 student, PhD)                    | Spring 2008, 2011, 2015   |
| Organization of Information and Resources (MSIM)       | Winter 2008   |
| Organization of Information and Resources (MLIS)       | Winter 2008, 2009, 2010, 2011, 2012, 2015, 2016, 2017, 2018, 2019 |
| Seminar in Knowledge Representation (PhD)              | Fall 2007, 2010, Winter 2018                                      |
| Indexing and Abstracting (Distance MLIS)               | Fall 2004   |

|   |   |
|---|---|
| Collection Development (MLIS)   | Summer 2004   |
| Construction of Indexing Languages (MLIS)   | Winter 2004 Spring 2011   |
| Subject Access Systems and Subject Gateways (MLIS)  | Summer 2003   |
| Interoperability (MLIS)   | Summer 2003   |
| Metadata, Taxonomy, and Classification (MSIM)   | Spring 2004, 2003, (Winter 2002 as TA)  |
| <b>San Francisco Zen Center Archives Experience, <i>University of Washington and San Francisco Zen Center</i></b> |   |
| Summer four-week course (28 MLIS)   | Summer 2010-2014  |
| <b>Independent Studies Supervised, <i>University of Washington</i></b>  |   |
| Independent Study (14 MLIS, 1 IMT, 1 INFO, 9 PhD)   |   |
|   | Winter 2008, 2010, 2015, 2016, 2017 Fall 2010, 2011, 2014, 2015, 2016, 2017, 2018, 2019 |
|   | Spring 2011, 2012, 2013, 2014, 2016, 2018 and Summer 2012, 2013, 2014                   |
| <b>Degree Research Project and Capstone Supervised, <i>University of Washington</i></b>                           |   |
| Paul Ojennus (MLIS)   | Winter 2012   |
| Molly Higgins (MLIS)  | Winter 2013   |
| Rinna Rem (MLIS)  | Spring 2013   |
| Emily Bolton, Crystal Clements, Rachel Foshag (MLIS)  | Winter 2014   |
| Joel Steinpreis, Elizabeth Farrell (MLIS)   | Winter and Spring 2015  |
| Lily Rajan (MLIS), Kelly Colht (MLIS)   | Winter and Spring 2016  |
| Victoria Contreras (MLIS)   | Winter and Spring 2019  |
| Claire McDonald   | Winter and Spring 2019  |
| <b>Seminars Taught, <i>State University of São Paulo</i></b>  |   |
| Advanced Knowledge Organization   | September Seminar 2011  |
| Metatheory and Domain Analysis in Knowledge Organization  | November Seminar 2012   |
| <b>Seminars Taught, <i>Sungkyunkwan University Global Informatics Camp</i></b>                                    |   |
| Indexing: An Introduction and Semantic Issues   | August Seminar 2014   |
| Open Worlds in Closed Systems: Eugenics and Anatomy in the DDC  | August Seminar 2014   |
| <b>Seminars Taught, <i>Université Charles-de-Galle – Lille 3</i></b>  |   |
| Enumerative Classification and Second-Order Classification Theory   | March Seminar 2016  |
| <b>Courses Taught, <i>University of British Columbia</i></b>  |   |
| Foundations of Resource Description and Access<br>(was Foundations of Bibliographic Control)                      | Winter Session, Terms I and II, 2005-2007   |
| Advanced Bibliographic Control: Subject Analysis  | Winter Session, Term II 2006  |
| Classification Theory   | 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   |
| <b>Training Highly Qualified Personnel, <i>University of British Columbia</i></b>                                 |   |
| UNESCO World Heritage Grant, Luciana Duranti, PI  | 2006  |
| Trained practicing archivists from Central and South America on Digital Records Metadata                          |   |
| <b>Graduate Student Research Mentoring, <i>University of Wisconsin Milwaukee</i></b>                              |   |
| Melodie Fox, Jihee Beak, Ann Hartinger Graf, Jeannette Glover   | 2012  |
| <b>Graduate Student Research Mentoring, <i>Universidade Estadual Paulista</i></b>                                 |   |
| Suellen Milani, Fabio Pinho, Natália Bolfarini Tognoli, Aline Arboit, Renata Gutierrez,                           | 2011, 2012  |
| <b>Graduate Student Research Mentoring, <i>Université de Montréal</i></b>   |   |
| Laure Guitard, Zoé Ouangré, Marcela Baiocchi, Tenoch Sesma, Sophy Ouch  | 2012  |
| <b>Graduate Student Research Mentoring, <i>University College London</i></b>                                      |   |
| Deborah Lee   | 2014  |

**Graduate Student Research Mentoring, *Université Charles-de-Gaulle – Lille 3***  
Magdalena Shishenkova

2016

**Doctoral Student Colloquia,**

|   |      |
|---|------|
| iConference 2013, Fort Worth, TX                                  | 2013 |
| North American Symposium on Knowledge Organization, Milwaukee, WI | 2013 |
| iConference 2014, Berlin, Germany                                 | 2014 |
| iConference 2016, Philadelphia, PA                                | 2016 |
| ASIST, Copenhagen, Denmark  | 2016 |
| ASIST, Crystal City, VA   | 2017 |
| iConference 2018, Sheffield, UK                                   | 2018 |
| ASIST, Vancouver, BC  | 2018 |
| iConference, College Park, MD                                     | 2019 |

**Areas of Teaching Qualification**

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

**STUDENTS**

**Fulbright Scholarship Supervision**

- Paula Carina de Araújo “Knowledge Organization Epistemology: Methodological Options and Theoretical Frames on International Scientific Production.” PhD Thesis supervision 2016. State University of São Paulo, Marília, SP.

**Thesis Supervision and Committee Work: Completed**

- Tamara Camero, “Representing Information Use in Educational Settings.” M Ed 2008, Faculty of Education, University of British Columbia (Thesis Committee Member)
- Baharak Yousefi, “All Indexing is Wrong; Some Indexing is Useful: Social Tagging in Libraries.” MLIS 2007, School of Library, Archival and Information Studies, University of British Columbia (Thesis Supervisor)
- Palash Bera, “Using Ontologies in the Context of Knowledge Management Systems.” PhD 2007, Sauder School of Business, University of British Columbia (Thesis Committee Member)
- Heejin Park, “Understanding a Folksonomy as a Web Classification.” PhD 2010, School of Library, Archival and Information Studies, University of British Columbia (Co-Supervisor with Edie Rasmussen)
- Benjamin Good, “Strategies for Amassing, Characterizing, and Applying Third-Party Metadata in Bioinformatics.” PhD 2009, Bioinformatics Research Group, University of British Columbia (Thesis Committee Member)
- Kris Unsworth, “Identifying the Enemy: Social Categorization and National Security Policy.” PhD 2010, The Information School of the University of Washington (Thesis Committee Member)
- Ann Doyle, “Naming, Reclaiming, and (Re)Creating: Indigenous Knowledge Organization at the Cultural Interface.” PhD 2013, Faculty of Education, University of British Columbia (Thesis Committee Member)
- Ellie Kleinwort, “Navigating the Digital Landscape: Developing a Plan for Digitization within the Technical Restrictions of a U.S. Navy Museum.” MA Museology 2013, University of Washington (Chair, Thesis Committee)
- Natália Bolfarini Tognoli, “A Construção Teórica Da Diplomática: Em Busca da Sistematização de Seus Marcos Teóricos como Subsídio aos Estudos Arquivísticos.” PhD 2013, Programa de Pós-Graduação em Ciência da Informação da Faculdade de Filosofia e Ciências da Universidade Estadual Paulista (Co-Advisor). [Menção Honrosa do Prêmio Capes de Tese 2014 da área de Ciências Sociais Aplicadas I = Best Dissertation in Applied Sciences in 2014]
- Corinne Rogers, “Virtual Authenticity: Authenticity of Digital Records from Theory to Practice.” PhD 2015 School of Library, Archival and Information Studies, University of British Columbia (Thesis Committee Member)

- Paula Carina de Araújo “Knowledge Organization Epistemology: Methodological Options and Theoretical Frames on International Scientific Production.” PhD 2019 State University of São Paulo, Marília, SP (Thesis Co-Advisor)

#### **Thesis Supervision and Committee Work: In Process**

- Wan-Chen Lee, The Information School, University of Washington (Supervisory Committee Chair)
- Lily Rajan, The Information School, University of Washington (Advisory Committee Chair)
- Lois Evans, School of Library, Archival, and Information Studies, University of British Columbia (Thesis Committee Member)
- Chris Holstrom, The Information School, University of Washington (Advisory Committee Chair)
- Ana Bennet, The Information School, University of Washington (Advisory Committee Chair)
- Claire McDonald, The Information School, University of Washington (Advisory Committee Chair)
- Andy Peterson, The Information School, University of Washington (Advisory Committee Chair)

#### **Thesis Examination**

- Bogdan Stojanovic, “Enhancement of the contemporary architecture through meaningful on-site experience: Novel design strategies for raising awareness of the eastern modernist architecture towards the major audience.” Politecnico di Milano, October 2018

#### **Graduate Opportunities & Minority Achievement Program (GO-MAP) Research Assistant Supervision**

- Amelia Abreu, PhD Program, The Information School of the University of Washington, 2007-2010

#### **Graduate School Representative on General Exams**

- Prescott Klassen, PhD Program, The University of Washington Linguistics Dept. (Computational Ling.), 2013
- Sarah Markovits, PhD Program, The University of Washington School of Music, 2010

### **SERVICE**

#### **Editing and Editorial Boards**

- Guest Editor, Festschrift for Allyson Carlyle, *Cataloging and Classification Quarterly*, 2017-2018
- Guest Editor, Special Issue on Subject Ontogeny and Scheme Versioning, *Knowledge Organization* 2015-2016
- Guest Editor, Special Issue of *Encontros Bibli* 2014
- Scientific Committee Member, *Brazilian Journal of Information Science*, 2014-Present
- Scientific Committee Member, *Informatio*, 2013-Present
- International Editorial Board Member, *Zagadnienia Informacji Naukowej* (Problems in Information Science), 2013-Present
- Scientific Committee Member, *Scire: Representación y Organización del Conocimiento*, 2012-Present
- Managing Editor, *NASKO* Online Proceedings, 2011-Present
- Managing Editor, *ACRO* (Advances in Classification Research Online), 2011-Present
- Editorial Board Member, *Library Quarterly*, 2011-2013, 2013-2015, 2015-2017, 2017-Present
- Reviews Editor, *Knowledge Organization*, 2008-2013
- Editorial Board Member, *Journal of Library Metadata*, May 2007-Present
- Editorial Board Member, *Knowledge Organization*, 2006-2008, 2013-Present
- Classification and Knowledge Organization Subject Editor, *DLIST*, 2006-2012

#### **To Conference Organization and Conference Program Management**

- Workshop Co-Chair, 16<sup>th</sup> International Conference on Asia-Pacific Digital Libraries (ICADL), 2013-2014
- Advisor, 2014 Society for Textual Studies Conference, 2013-2014
- Co-Chair, SIG/CR 2012 Workshop, 2011-2012

- Co-Chair, SIG/CR 2011 Workshop, 2010-2011
- Co-Chair, Publications Committee, iConference 2011, 2010-2011
- Co-Chair, Knowledge Organization and Metadata Track, ASIST 2010, 2009-2010
- Chair, Programme Committee, Culture and Identity in Knowledge Organization, the Tenth Conference of the International Society for Knowledge Organization, 2006-2008
- 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**

- Chair, Governing Board of the Dublin Core Metadata Initiative, September 2015-2016
- Member, Libraries for Research Data (L4RD), Research Data Alliance, March 2015-Present
- Chair-Elect, Governing Board of the Dublin Core Metadata Initiative, July 2014-September 2015
- President, International Society for Knowledge Organization, May 2014-2018
- Member, Governing Board of the Dublin Core Metadata Initiative, May 2014-Present
- Member, Nominations and By-Laws Committee, Dublin Core Metadata Initiative, May 2014-2016
- Member, Oversight Committee of the Dublin Core Metadata Initiative, May 2013 – May 2014
- Member, Metadata Task Force for Dissemination Information Packages, ALA, July 2010-July 2011
- Writer, Letter of Support for NWDA/Orbis Cascade Alliance, IMLS Planning Grant, January 2008
- Reviewer, criteria evaluation form of the ALISE-Bohdan S. Wynar research paper competition, September 2007
- Member, Dublin Core Education Application Profile Working Group, August 2007-2010
- Member, Dublin Core Metadata Initiative Usage Board, March 2006 – Present
- Member, Advisory Board to the Dublin Core Metadata Initiative, September 2005 – 2014
- Member, ASIST Memorial Committee, 2005
- Workshop Member, National Science Digital Library Vocabulary Workshop, Summer 2004

#### **To Projects**

- Advisory Board Member, Intercultural Interfaces to Knowledge and the Ethical Dimension in Knowledge Organization Systems (IKOS), ANR, France, 2016
- Advisor, Engage Wisdom a project of Sonic Zen Records, 2013-Present

#### **To the iSchool Movement**

- Member, Advisory Board for Linnaeus University's iSchool Proposal, 2016-Present

#### **To the University of Washington**

- Member, Steering Committee for the Task Force on Faculty Disciplinary Code and Process, 2017-2019
- Member, Interfolio Focus Group, 2017-2018
- Member, Provost's Ad Hoc Review Committee to Review the Dean and Vice Provost of Undergraduate Academic Affairs, 2017-2018
- Lead, Mid-Career Mentoring Leadership Excellence Project, 2016-2017
- Member, Provost's Ad Hoc Review Committee to Review the Dean of the Evans School of Public Policy and Governance, 2016-2017

- Member, Faculty Council on Tri-Campus Policy, 2014-2019
- Member, Diversity Council, 2011-2012

#### **To The Information School of the University of Washington**

- Member, Senior Human Resources Coordinator Search Committee, 2019
- Member, PhD Program Committee, 2018-Present
- Member, Faculty Administrative Services Manager Search Committee, 2018
- Co-Chair, Recognition Committee, 2017-Present
- Member, Schmitz Hall Executive Steering Committee, 2017
- Member, Administrative Specialist for Faculty Affairs and Elected Faculty Council Search Committee, 2016-2017
- Member, Faculty Support Coordinator Search Committee, 2016
- Member, Assistant Director of Human Resources Search Committee, 2016
- Member, Teaching Schedule Analyst Search Committee, 2016
- Member, Future of Libraries Search Committee, 2015-2016
- Director, Faculty Affairs, 2014-2016
- Chair, Ed Mignon Distinguished Lecture in Information Science Selection Committee, 2014
- Chair, Data Curation Faculty Search Committee, 2013-2014
- Coordinator, Faculty Renewal, Integration, and Mentorship, 2013-2014
- Member, ALA Accreditation Committee, 2012-2014
- Member, Data Curation Faculty Search Committee, 2012-2013
- Member, Elected Faculty Council, 2009-2012
- Judge, iBall Edible Book Contest, 2009
- Member, PhD Admissions Committee, 2008-2009
- Member, Lewis Hall Planning Committee, 2008-2009
- Member, Informatics Program Committee, 2007- 2008
- Member, iFlourish Action Strategy F3-Part A “Shared Resources Tool” Committee, 2008-2010
- Coordinator of Knowledge Organization Get-Together (KOG) with students and faculty, 2007-2011

#### **To The Museology Program of the University of Washington**

- Museology Director Selection Committee, 2015
- Museology Interdisciplinary Faculty Group, 2012-Present

#### **To The Textual Studies Program of the University of Washington**

- Textual Studies Interdisciplinary Committee, 2014-Present

#### **To The Professional Master Degree in Computational Linguistics**

- Member, Advisory Board, 2013-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**

- Judge, Essay Contest for “Our Professional Identities in a World Gone Digital” UBC-ACA and InterPARES Symposium, 2009
- 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

#### **MEDIA COVERAGE AND APPEARANCES**

- Currents. Peter Wall Institute for Advanced Study. 2013
- Social Capital Review. "Video: UW info school aids SF Zen Center in digital archiving." September 27, 2012  
<http://socialcapitalreview.org/video-uw-info-school-aids-sf-zen-center-in-digital-archiving/>
- UWTV "UW 360 September 2012." September 16, 2012
- "Back to School - Interviews with Taxonomy Professors, Part II." In *Taxonomy Times, Bulletin of the SLA Taxonomy Division*, Issue 9, January 2012
- UW Today. 2011  
<http://www.washington.edu/news/articles/beginning-again-information-school-students-professor-archive-buddhist-monastery-material>  
and  
<http://ischool.uw.edu/feature/joe-tennis-and-students-archive-buddhist-monastery-material>

#### **PROFESSIONAL DEVELOPMENT**

**UW Leadership Excellence Project: "Thriving as a Change Agent in Academia,"** Two-year program to cultivate leadership skills and style through workshops and applied leadership work at the University level (2015-2017).

**Faculty Recruitment and Retention Training,** Attended Diversity Symposium and ADVANCE training on recruitment and retention of a more diverse and inclusive faculty (2015); attending Keeping Our Faculty conference (2016).

**Tribal Sovereignty Workshop,** Attended an all-school workshop on both Washington State's and the University of Washington's unique situation in relation to colonialism and tribal sovereignty (2016).

**Curriculum Transformation Project,** Attended sessions, and modified LIS 530 Organization of Information and Resources in consultation with community partners, Diversity Programs Coordinator, and Associate Dean for Academics. (2013-2014). [started and left unfinished because of teaching reallocation]

**iSchool Diversity Summit,** Attended a half-day workshop *InterGroup Dialogue and Microaggressions* lead by Norma Timbang, (Spring 2012). *Understanding Oppression* lead by Leticia Nieto, (2013). A school-guided summit lead by Cynthia del Rosario, (2014). *Story of self, us, and now* lead by Michele Storms, (2015), *Language and Power Dynamics* lead by Ralina Joseph, (2016). *Reconceptualizing Diversity, Equity and Inclusion at the iSchool*, lead by Michelle Martin, (2018). *Implementing Responsive Equity Action Plans: iSchool Diversity Blueprint 2018-2021* lead by Cynthia del Rosario, (2019).

**The White Privilege Conference,** Attended sessions, keynotes, and working groups with the intent on incorporating ideas into diversity initiatives at the iSchool. (Spring, 2013).

**HathiTrust Uncamp,** Learned about the data, APIs, and services of the Hathi Trust and the Hathi Trust Research Center. (Fall, 2012).

**Faculty Learning Community,** Met with a small group of faculty from across campus to discuss pedagogical strategies, course logistics, and student engagement. (Spring and Fall 2011).

#### **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*
- Association of Library and Information Science Education
- International Association of Ontology and its Applications

## HONORS AND AWARDS

**Best Paper Award at the North American Symposium on Knowledge Organization**, for Elliott Hauser and Joseph T. Tennis. (2019). *Episemantics: Aboutness as Aroundness*. In *Proceedings of the North American Symposium on Knowledge Organization* (Philadelphia, PA). One of two best papers.

**Invited Participant**, invited to UCLA to participate in a by invitation only symposium on the politics of classification. (2017).

**Invited Professor**, invited to Université Charles-de-Gaulle - Lille 3 to teach masters and PhD students; give a public lecture. Awarded \$3800 for the trip. (2016).

**Best Paper Award for Theory and Methodology at the Digital Heritage 2015 Conference**, for "Archival Metadata for Digital Cultural Heritage: Conceptual Provenance, Contextual Forensics, and the Authority of the Found Digital Object." (2015). In *Proceedings of the Digital Cultural Heritage 2015 Conference*. (Granada, Spain). One of three best papers.

**Coorientador, Menção Honrosa do Prêmio Capes de Tese 2014 da área de Ciências Sociais Aplicadas I**, (Co-Advisor for the best dissertation of the year in Applied Sciences I. Awarded the CAPES). Dissertation by Natália Bolfarina Tognoli A construção teórica da Diplomática: em busca de uma sistematização de seus marcos teóricos como subsídio aos estudos arquivísticos. State University of São Paulo. (2014).

**Nominated for PROF Award**, The PROF award is to recognize outstanding contributions to teaching made by tenure track faculty at the Information School. The PROF Award is a biennial award given in even years to recognize exemplary teaching by iSchool tenure track faculty. (2014).

**ALISE/Bohdan S. Wynar Research Paper Award Winner**, for "The Strange Case of Eugenics: A Subject's Ontogeny in a Long-Lived Classification Scheme and the Question of Collocative Integrity." (2012). In *Journal of the American Society for Information Science and Technology* 63(7): 1350-1359. (2013).

**Conselho Nacional de Desenvolvimento Científico e Tecnológico Visiting Scholar**, invited to Univerisade Estaudual Paulista, São Paulo for a three-week research collaboration and teaching opportunity. Also consulted with faculty at Universidade Federal de Santa Catarina in Florianópolis. Awarded \$3000 for the trip. (2012).

**Conferecier for the Second Milwaukee Ethics of Information Organization Conference**, invited to serve as emcee for the two-day conference, providing introductions, timing, and facilitating question and answer sessions. (2012).

**Nominated for PROF Award**, The PROF award is to recognize outstanding contributions to teaching made by tenure track faculty at the Information School. The PROF Award is a biennial award given in even years to recognize exemplary teaching by iSchool tenure track faculty. (2012).

**iConference 2012 Best Poster Award**, with Elisabeth A. Jones, one of five posters voted as the best out of 90 posters accepted to the conference. (2012).

**São Paulo State Research Foundation Visiting Scholar**, invited to Univerisade Estaudual Paulista, São Paulo for a month of research collaboration; also conducted a weeklong PhD seminar in Knowledge Organization, lectured to the undergraduate class of archival science and librarianship students, and continued research work on domain analysis and indexing theory. Awarded \$3000 USD for the trip. (2011).

**Nominated for PROF Award**, The PROF award is to recognize outstanding contributions to teaching made by tenure track faculty at the Information School. The PROF Award is a biennial award given in even years to recognize exemplary teaching by iSchool tenure track faculty. (2010).

**São Paulo State Research Foundation Visiting Scholar**, invited to Univerisade Estaudual Paulista, São Paulo for a week of research collaboration; also conducted a PhD seminar in Knowledge Organization, and inaugurated the ISKO-Brazil activity by speaking on Engaged Knowledge Organization. Awarded \$1,500 USD for the trip. (2009).



**Headley House Distinguished Visitor-in-Residence**, invited to Carleton College for a week of talks, panels, class visits to discuss Knowledge Organization as a field of research, scholarship, and learning and how it relates to Liberal Arts education (2008).

**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).

## **ADMINISTRATIVE RECORD**

### **Associate Dean for Faculty Affairs, 2016-Present**

Reporting to the Dean, the Associate Dean of Faculty Affairs is part of the Dean's executive team, serves as a member of the Leadership Cabinet, and works closely with the other iSchool Associate Deans and leaders, the Elected Faculty Council (EFC), and the iSchool faculty on programs and initiatives that enhance the community of faculty working in the iSchool, an undepartmentalized school. A primary goal of the Associate Dean's work is to establish and maintain a coherent, respectful, diverse and joyful intellectual and professional community. The Associate Dean oversees administrative matters related to the office of Faculty Affairs, which includes the supervision of staff. Specific responsibilities include:

Faculty onboarding programs and processes; faculty cohort discussions with all faculty with regard to their professional lives in the School; paying close attention to faculty progress through the ranks; equity issues related to faculty work life; and fostering a clear communication between administration and faculty; faculty search and renewal process; faculty mentorship; faculty reappointment and promotion process; faculty review; faculty resource support monitoring; support faculty applying for awards and honors; faculty policies and initiatives; faculty data oversight; implementation and assessment of Faculty Success and Transformation (FAST) funds; liaise with the UW Vice Provost for Academic Personnel on university policy related to faculty life; the UW Associate Vice Provost for Faculty Advancement on issues related to faculty diversity and inclusion, and represent the School at functions across campus that relate to faculty life and work; coordinate the Ed Mignon Distinguished Lecture, the Lieberman Funds distribution, the NCFDD tuition supplement, and other tasks as assigned by the Dean.

As of the Spring of 2019 there are 6 staff in Faculty Affairs, not counting the Associate Dean.

### **Director of Faculty Affairs, 2014-2016**

The Director of Faculty Affairs works closely with the Dean and the Elected Faculty Council on programs and initiatives that enhance the community of faculty working in the iSchool. The goal of the Director's work is to establish a coherent, respectful, diverse and joyful intellectual and professional community. Quality of faculty life is the primary objective, which is achieved by a range of actions by the Director. Specific responsibilities included:

Faculty onboarding process; coordination of discussions with lectures, tenure-track faculty, and research faculty with regard to their professional lives in the School; coordination with the faculty, Associate Dean for Research, Associate Dean for Academics, Elected Faculty Council, and the Dean on a faculty integration model appropriate for the growing number of research faculty, lecturers, and tenure-track faculty at the iSchool; faculty search and renewal process; assisting the Dean, Search Committee Chairs, and the Faculty with the process of faculty search and renewal; collaboration and coordination with iSchool Human Resources on recruitment; mentor program coordination; collaboration with the Chair of Elected Faculty Council on fostering a successful and beneficial annual review process, aligning reviews with Faculty Code; support the work of the Elected Faculty Council; Implementation of Initiative 2.

## **ADMINISTRATIVE PUBLICATIONS & PRESENTATION**

### **Invited Presentations**

- "Voice in Context: Culture, Inclusion, and Faculty Review." ADVANCE Workshop 2017 (Seattle, Washington), April 2017.

### **Refereed Presentations**

- "A Faculty of One with Faculty Affairs: An Undepartmentalized Model of iSchool Faculty Shared Governance." iConference 2017 (Wuhan, China), March 2017.

## **SERVICE IN THE OFFICE OF ASSOCIATE DEAN**

- Member, UW Climate Survey Focus Group, 2019
- Member, Steering Committee for the Task Force on Faculty Disciplinary Code and Process, 2017-2019
- Member, Provost's Ad Hoc Review Committee to Review the Dean and Vice Provost of Undergraduate Academic Affairs, 2017-2018
- Lead, Mid-Career Mentoring Leadership Excellence Project, 2016-2018
- Member, Provost's Ad Hoc Review Committee to Review the Dean of the Evans School of Public Policy and Governance, 2016-2017

## **ED MIGNON DISTINGUISHED LECTURE SERIES PLANNING AND LOGISTICS**

- Siva Vaidhyanathan, Robertson Professor of Media Studies and Director of the Center for Media and Citizenship, University of Virginia, “Antisocial Media: How Facebook Disconnects People and Undermines Democracy,” 2019
- Nadine Strossen, John Marshall Harlan II Professor of Law, New York Law School, “HATE: Why We should Resist it with Free Speech, Not Censorship,” 2018
- John Palfrey, Head of School, Philips Academy, Andover, Massachusetts, “Why Libraries Matter More Than Ever,” 2017
- Paul Duguid, Adjunct Professor, School of Information, University of California Berkeley, “Reassessing the Social,” 2016
- Luciana Duranti, Professor School of Library, Archives, and Information Studies, University of British Columbia, “The Concept of Place in the Digital World: Does the ‘Where’ of Preservation Still Matter? Why? To Whom?”
- Tony Hay, Vice President, Microsoft Research Connections, “Beyond Open Access to Open Data,” 2014
- Carole Palmer, Director of the Center for Informatics Research in Science and Scholarship; Professor in the Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, “Data Curation and the Reuse Value of Digital Research Data: Meeting the Aims of Multiple Disciplines and Stakeholders,” 2013

## **TRAINING**

- Workday HCM2 and Academic Partner Training, 2018