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Place and Date of Birth: Vancouver, Canada, October 27, 1959.

Citizenship: Canadian

Doctoral Studies:

Northwestern University, Evanston, Illinois, USA

PhD in Economics, August 1985

Dissertation: "The Role of Transportation in the Industrial Revolution: A Comparison of Eighteenth Century England and France"

Advisor: Joel Mokyr

Pre-Doctoral Studies:

McGill University, Montreal, Quebec, Canada

BA in Economics, with First Class Honours, 1980

University Scholar, 1977-78, 1978-79

Academic Positions:

From 2023: Professor Emeritus, University of Alberta

2020&21&22 Visiting Professor, College of Europe, Natolin (Warsaw)

2006-07: Visiting Fellow; Dept of History and Civilization, European University Institute, Florence

1997- 2023: Full Professor, Economics Department, University of Alberta

1992-97: Associate Professor, Economics Department, University of Alberta

1991-92: Visiting Fellow, School of Economics, University of New South Wales

1986-92: Assistant Professor, Economics Department, University of Alberta

1985-86: Visiting Assistant Professor, Economics Department, University of Alberta

Spring 1985: Instructor; International Economics, Northwestern University

Fields of Specialization:

Economic History

Ethics

Future Studies

History of Technology

Interdisciplinary Theory and Practice

Knowledge Organization

Methodology

Study of Science

World History

Research Activity and Publications:

Books (21: 11 single-authored, 10 co-authored):

Integrating the Human Sciences: Enhancing Cohesion and Progress across the Social Sciences and Humanities. London: Routledge. 2023.

Making Sense of the Future. Routledge 2022 (90,000 words). Open-access, hard and soft cover..

Making Sense of World History. 2021, Routledge (506,000 words). Open-access, hard and soft cover..

Allen Repko, Rick Szostak & Michelle Buchberger, *Introduction to Interdisciplinary Studies*, 2nd ed. 2016, 3rd ed. 2020, 4th ed. Jan 2025, Thousand Oaks: Sage. 1st ed. with Rick Szostak and Michelle Buchberger, 2014.

Allen Repko and Rick Szostak, *Interdisciplinary Research: Process and Theory*. Thousand Oaks: Sage, 3rd ed., 2016, 4th ed., 2020. (5th ed. to be published April 2025)

Gary Cross and Rick Szostak, *Technology and American Society: A History*, 3rd Ed., 2018, New York: Routledge. 1st and 2nd eds. with Prentice-Hall, 1995 and 2004.

Rick Szostak, Claudio Gnoli, and Maria López-Huertas, *Interdisciplinary Knowledge Organization*, Berlin: Springer, 2016.

Restoring Human Progress. Reading, UK: Cranmore Publications. 2012. 626p.

The Causes of Economic Growth: Interdisciplinary Perspectives, 2009, Berlin: Springer. 372p.

Unifying Ethics, 2005, University Press of America. 305p.

Classifying Science: Phenomena, Data, Theory, Method, Practice, 2004, Dordrecht: Springer, 301 p.

A Schema for Unifying Human Science: Interdisciplinary Perspectives on Culture, 2003, Selinsgrove PA: Susquehanna University Press, 378p.

Econ-Art: Divorcing Art from Science in Modern Economics, 1999, London: Pluto Press, 256p.

Technological Innovation and the Great Depression, 1995, Boulder CO: Westview Press, 365p.

The Role of Transportation in the Industrial Revolution, 1991, Montreal: McGill-Queen's University Press, 331p.

Edited Works (6; 5 co-edited):

Edward Elgar Handbook of Interdisciplinary Teaching and Administration, Sole editor. September, 2024.

Issues in Integrative Studies vol. 29 (2011); guest co-editor with Allen Repko.

Allen F. Repko, William H. Newell, and Rick Szostak, eds. *Case Studies in Interdisciplinary Research*, Thousand Oaks: Sage, 2012, 330p.

Issues in Integrative Studies vol. 26 (2008); guest co-editor with Allen Repko.

Craig Freedman and Rick Szostak, eds., *Tales of Narcissus: The Looking Glass of Economic Science*, New York: Nova Science, 2003, 301p.

Canada Confederation to Present: A History on CD-Rom, Chinook Multimedia, Sept., 2001; I was a member of a twelve person editorial board which commissioned and edited some 200 papers.

Websites (7; 4 single-authored, 3 co-authored):

Manifesto of Interdisciplinarity (2019) <https://sites.google.com/a/ualberta.ca/manifesto-of-interdisciplinarity/manifesto-of-interdisciplinarity>

Interdisciplinary General Education (2016)

<https://sites.google.com/a/ualberta.ca/rick-szostak/about/interdisciplinary-general-education>

About Interdisciplinarity (2013; regularly updated since)

<https://sites.google.com/a/ualberta.ca/rick-szostak/research/about-interdisciplinarity>

I drafted most of the text for this and the preceding entry, and chaired the committees that developed these websites. They are linked to from the Association for Interdisciplinary Studies website, and will eventually be moved onto the AIS site.

Basic Concepts Classification. (2010, revised 2013, regularly updated since) <https://sites.google.com/a/ualberta.ca/rick-szostak/Basic-Concepts-Classification>

This website outlines the basic structure of a new classification scheme I am developing. See also

Translation table: DDC [Dewey Decimal Classification] to Basic Concepts Classification. (2010, revised 2013): <https://sites.google.com/a/ualberta.ca/rick-szostak/publications/ddc-to-bcc-translation-table-web-version-2013-also-iconclass-to-bcc>

This website shows how entries in DDC (and Iconclass) can be translated into the Basic Concepts Classification.

The Integrative Levels Classification. Website of the Italian chapter of the International Society for Knowledge Organization. I am since 2007 one of a handful of contributors to this new interdisciplinary classification scheme which has incorporated key elements of my classifications of phenomena, theory types, and methods. www.iskoi.org/ilc

The Association for Interdisciplinary Studies Directory of Interdisciplinary PhD Programs in the United States. [I developed the criteria for inclusion, and made the final decisions on inclusion for each of the hundreds of programs listed.]

<https://interdisciplinarystudies.org/directory-of-ids-doctoral-programs/>

Journal Articles (Full length and Single authored; Peer reviewed) (46):

- "Additional Purposes of Knowledge Organization" Reprint Best Conf. paper. *Knowledge Organization* 51(5):371-375. Jan 2025.
- "Conceptualizing World History" *World History Connected*, Summer 2024.
- "Restoring Democratic Stability: A Backcasting Wheel Approach" *Futures & Foresight Science* 6:3, September 2024.
- "Why teach World History?," *World History Connected*, October 2023.
- "World History and Future Studies" *World History Connected*, October 2021. <https://worldhistoryconnected.press.uillinois.edu/>
- "The Basic Concepts Classification," *Knowledge Organization* 47:3, 231-43, 2020.
- "A Synthetic Approach to the Classification of Music" *El Profesional de la Información* January 2020.
- "Interdisciplinarity versus Anti-Intellectual and Anti-Democratic Impulses" *Issues in Interdisciplinary Studies*.36:2, 2018.
- "Interdisciplinarity and Adapted Physical Activity" *Adapted Physical Activity Quarterly* 35:3, 254-66, July 2018.
- "Innocuous Organizing Devices for World History" *World History Connected* 15:1, February 2018.
- "Stability, Instability, and Interdisciplinarity" *Issues in Interdisciplinary Studies*.35, 65-87, 2017.
- "A Grammatical Approach to Subject Classification in Museums," *Knowledge Organization* 44:7, 494-505, 2017.
- "Interdisciplinary Best Practices for Adapted Physical Activity" *Quest* 68:1, 69-90, 2016.
- "Extensional Definition of Interdisciplinarity" *Issues in Interdisciplinary Studies*.33, 94-117, 2015.
- "Classifying Authorial Perspective" *Knowledge Organization* 42:7, 499-507, 2015.
- "A Pluralistic Approach to the Philosophy of Classification" *Library Trends*.63:3, 591-614, Winter, 2015.
- "Classifying the Humanities" *Knowledge Organization* 41:4, 263-75, 2014.
- "The Basic Concepts Classification as a Bottom-Up Strategy for the Semantic Web" *International Journal of Knowledge Content Development and Technology*, June 2014. www.ijkcdt.net
- "Classifying for Social Diversity" *Knowledge Organization* 41:2, 160-70, 2014.
- "The State of the Field: Interdisciplinary Research" Invited contribution, *Issues in Interdisciplinary Studies* 31, 2013, 44-65.
- "Integrating Conceptions of Human Progress," *The Integral Review* 9:2, 349-83, June, 2013.
- "Classifying Relationships" *Knowledge Organization* 39:3, May, 2012, 165-78.
- "Toward a Classification of Relationships." *Knowledge Organization* 39:2, March, 2012, 83-94.
- "Complex Concepts into Basic Concepts" *Journal of American Society for Information Science & Tech.* 62:11, 2247-65 (2011).
- "Classifying Heterodoxy" *Journal of Philosophical Economics* 1:2, 97-126 (2008).
- "Classification, Interdisciplinarity, and the Study of Science" *Journal of Documentation* 64:3, 319-32 (2008).
- "Modernism, Postmodernism, and Interdisciplinarity" *Issues in Integrative Studies* 26, 32-83 (2007).
- "An Interdisciplinary Analysis of Economic Growth" *International Journal of Interdisciplinary Social Science* 2:3, 305-16 (2007).
- "How (and How Not) to Distinguish the Humanities from Social Science" *International Journal of the Humanities* 5:6, 69-80 (2007)
- "How and Why to Teach Interdisciplinary Research Practice" *Journal of Research Practice* 3:2, October (2007). Reprinted in Pantaneto Forum, Issue 40, Oct., 2010.
- "Economic History as It Is and Should Be; Toward an Open, Honest, Methodologically Flexible, Theoretically Diverse, Interdisciplinary Exploration of the Causes and Consequences of Economic Growth", *J of Socio-Economics* 35:4, 727-50 (2006).
- "Interdisciplinarity and the Teaching of Public Policy" *Journal of Policy Analysis and Management*.24:4, 853-63(Fall, 2005).
- "Evaluating the Historiography of the Great Depression: Explanation or Single-Theory Driven?" *Journal of Economic Methodology* 12:1, 35-61 (2005).
- "Classifying Scholarly Theories and Methods" *Knowledge Organization* 30:1, 20-35 (2003).
- "Comprehensive' Curricular Reform: Providing Students with an Overview of the Scholarly Enterprise" *Journal of General Education* 52:1, 27-49 (2003).
- "Classifying Natural and Social Scientific Theories" *Current Sociology* 51:1, 27-49 (2003).
- "Politics and the Five Types of Ethical Analysis" *International Journal of Politics and Ethics* 2:4, 275-90 (2002).
- "How to Do Interdisciplinarity: Integrating the Debate", *Issues in Integrative Studies* 20, pp. 103-22 (2002).
- "Putting Social Structure in its Place, Schematically" *Issues in Integrative Studies* 19, pp. 171-220 (2001).
- "Toward a Unified Human Science", *Issues in Integrative Studies* 18, pp. 115-57 (2000).
- "Unifying Human Science Schematically: The Case of Art" *NSSA Perspectives Journal*, 17:1, pp. 139-51 (2000).
- "A Schema For Unifying Human Science: Application to Health and Population" *Perspectives*. Electronic journal, American Association for Behavioral and Social Sciences. <http://aabss.org/journal> 22msp. (2000).
- "The Economic Impacts of Road and Waterway Improvements" *Transportation Quarterly*, pp. 127-42 (Fall, 1996).
- "The History of Art and the Art in Economics" *History of Economics Review*, pp. 70-107 (Summer 1992).
- "Institutional Inheritance and Early American Industrialization" *Research in Economic History*, Supplement, pp. 287-308 (1991).
- "The Organization of Work: The Emergence of the Factory Revisited" *J.of Econ Behavior and Organization* 11:3, 343-58 (1989).

Journal Articles (Full length and Co-authored; Peer Reviewed) (8):

- (Claudio Gnoli, Richard Smiraglia, and Rick Szostak) "Phenomenon-based Classification" *Annual Review of Information Science and Technology*, Published online Jan 9, 2024, <https://asistdl.onlinelibrary.wiley.com/doi/10.1002/asi.24865>
- (Richard Griscom, Joshua Henry, Deborah Lee, Richard Smiraglia, Rick Szostak & Brad Young) "Classifying Musical Medium of Performance: Object or Property?" *Notes: The Quarterly Journal of the Music Library Association* 80:3, 455-72 (March 2024).
- (Rafi Rashid & Rick Szostak) "Desiderata for Interdisciplinary Graduate Teaching." *Issues Interdisc Studies* 41(2), 101-26. 2023.
- (Deborah Lee & Rick Szostak) "Classifying Musical Genres. Building Musical Form and Genre into BCC: Repurposing LCGFT Terms for Music into the Basic Concepts Classification" *Knowledge Organization* 49 (4):257-272, 2022.
- (Anna Pujadas Botey, Theresa Garvin and Rick Szostak) "Interdisciplinary Research for Ecosystem Management." *Ecosystems* 17:3, 512-21, 2014.
- (Anna Pujadas Botey, Theresa Garvin and Rick Szostak) "Clarifying the Concept of Interdisciplinary Work in Ecosystem Management Research" *Interdisciplinary Science Reviews*, 37:2, 161-78 (June, 2012).
- (Kenneth Norrie and Rick Szostak) "Allocating Property Rights Over Shoreline: Institutional Change in the Newfoundland Inshore Fishery", *Newfoundland Studies* 20:2, 27-56 (Fall, 2005).
- (Michael B Percy and Rick Szostak) "The Political Economy of the Abolition of Seigneurial Tenure in Canada East" *Explorations in Economic History* 29:1, pp. 51-68 (January 1992).

Brief Journal Articles (Comments, Replies, Introductions) (18: 14 single-authored, 4 co-authored):

- "Introduction to the Forum on Why teach World History" *World History Connected*, October 2023.
- "Comments on the Forum on Repko and Szostak" *Issues In Interdisciplinary Studies* 40 (2), Fall 2022, 97-105
- (Martínez-Ávila, Daniel; Smiraglia, Richard P.; Szostak, Rick; Scharnhorst, Andrea; Beek, Wouter; Siebes, Ronald; Ridenour, Laura; Schlais, Vanessa). Classifying the LOD cloud: digging into the knowledge graph. *Brazilian Journal of Information Studies: Research Trends*. 12:4 (2018) p.6-10. <http://www2.marilia.unesp.br/revistas/index.php/bjis/article/view/8328>
- "Introduction to the Forum on Organizing World History" *World History Connected*, February 2018..
- (Tami Carmichael, Jennifer Dellner, and Rick Szostak) "Report from the Field: Interdisciplinary General Education," *Issues in Interdisciplinary Studies* 35, 248-58, 2017.
- "What is Lost?" (Comment) *Issues in Interdisciplinary Studies* 34, 209-13, 2016.
- "How universal is universality?" [Letter to the editor.] *Knowledge Organization* 41(6): 468-70, 2014.
- "Seeking Common Ground on the Nature of Interdisciplinarity" *Constructivist Foundations*. [Open Peer Commentary] Nov 2014.
- "The Importance of Knowledge Organization," *ASIST Bulletin*, April/May 2014, 37-42 (3300 words).
http://www.asis.org/Bulletin/Apr-14/AprMay14_Szostak.pdf
- "Research skills for the future: An interdisciplinary perspective." *Journal of Research Practice*, 9(1), Article V3 (2013). 5p.
<http://jrp.icaap.org/index.php/jrp/article/view/385/308>
- "Speaking Truth to Power in Classification" [response] (letter to editor) *Knowledge Organization* 40:1 (2013); 76-7
- (Allen Repko and Rick Szostak) "Editorial Introduction" *Issues in Integrative Studies* vol. 29 (2011); 1-3.
- "Comment on Hjørland's Concept Theory" (letter to editor), *Jrnl Amer Soc Information Science & Tech* 61:5, 1076-7 (2010).
- (Allen Repko and Rick Szostak) "Editorial Introduction" *Issues in Integrative Studies* vol. 26 (2008); 1-4.
- "Interdisciplinarity and Classification: A Reply to Hjørland" *Journal of Documentation* 64:4, 2008 (letter to the editor).
- "Whither Interdisciplinarity?" [1250 word comment] *Issues in Integrative Studies* 24, 145-9 (2006).
- "Intuition and Interdisciplinarity: A Reply to Mackey", *Issues in Integrative Studies* 20, pp. 131-7 (2002).
- "Transportation Improvements and the Emergence of the Factory: A Reply to Jones" *Journal of Economic Behavior and Organization*, pp. 395-400 (December 1992).

Articles in Conference Proceedings (30; 17 single-authored, 13 co-authored):

- "Additional Purposes of Knowledge Organization" (3114 words) In Wei Lu, , Thiago Barros, Lu An and Daniel Martinez Avila, eds. *Knowledge Organization for Resilience in Times of Crisis: Challenges and Opportunities; Proceedings of the 18th International Society for Knowledge Organization conference*, Wuhan, China March 2024, 209-18..
- "A Visionary Website(s) for Enhancing Access to Scholarly Understanding" (3516 words) In Wei Lu, Thiago Barros, Lu An and Daniel Martinez Avila, eds. *Knowledge Organization for Resilience in Times of Crisis: Challenges and Opportunities; Proceedings of the 18th International Society for Knowledge Organization conference*, Wuhan, China March 2024, 199-208.
- "Toward a General Theory of Knowledge Organization." *Knowledge Organization Across Disciplines, Domains, Services and Technologies. Proceedings of the Seventeenth International ISKO Conference, 2022 Aalborg, Denmark*. July 2022. 9 pp.
- (Richard Smiraglia and Rick Szostak) "Comparing UDC and BCC for Works of Music." *Knowledge Organization Across Disciplines, Domains, Services and Technologies. Proceedings of the Seventeenth International ISKO Conference, 2022 Aalborg, Denmark*. July 2022. 3338 words. 8pp.
- (Tobias Renwick and Rick Szostak) "A Thesaural Interface for the Basic Concepts Classification" *Proceedings of the International Society for Knowledge Organization conference, 2020*.

Articles in Conference Proceedings (Continued)

- (Rick Szostak and Richard Smiraglia) "Identifying and Classifying the Phenomena of Music" *Proceedings of the International Society for Knowledge Organization conference, 2020*.
- (Rick Szostak and six others) "Classifications as Linked Open Data Challenges and Opportunities" *Proceedings of the International Society for Knowledge Organization conference, 2020*.
- "Interdisciplinarity: Some Lebanese Reflections," In May Maalouf and Hend El Rammouz, eds., *Proceedings of the First Conference on Interdisciplinarity* (Beirut March 2018), Beirut: Mounir Alam Printing Press, 2018, 27-35.
- (Rick Szostak and Richard Smiraglia) "Classifying Music within the Basic Concepts Classification" *Proceedings of the Canadian Association for Information Science 2019* <https://journals.library.ualberta.ca/ojs.caais-acsi.ca/index.php/caais-asci/article/view/1064>
- "Applied Knowledge Organization and the History of the World" *Proceedings of the International Society for Knowledge Organization conference*, Porto, Portugal, July, 2018.
- (Richard Smiraglia and Rick Szostak) "Converting UDC to BCC: Comparative Approaches to Interdisciplinarity" *Proceedings of the International Society for Knowledge Organization conference*, Porto, Portugal, July, 2018.
- (Rick Szostak, Andrea Scharnhorst, Wouter Beek, and Richard Smiraglia) "Connecting KOSs and the LOD Cloud" *Proceedings of the International Society for Knowledge Organization conference*, Porto, Portugal, July, 2018.
- "Theory versus Practice in Facet Analysis," *Faceted classification today: Theory, technology and end users: Proceedings of the International UDC Seminar 2017, London (UK), 14-15 Sept. 2017*. Eds. A. Slavic, C. Gnoli. Würzburg: Ergon Verlag, 259-69.
- (Richard Smiraglia and Rick Szostak) "Comparative approaches to facets in interdisciplinary KOSs: UDC and Basic Concepts Classification," *Proceedings of the International UDC Seminar 2017* (see above), 279-84,
- "Facet Analysis Using Grammar," *North American Society for Knowledge Organization conference* (June 2017; Champaign IL).
- (Rick Szostak and Richard Smiraglia) "Comparative Approaches to Interdisciplinary KOSs: Use Cases of Converting UDC to BCC," *Proceedings of the NASKO conference* (June 2017).
- "Employing a Synthetic Approach to Subject Classification across Galleries, Libraries, Archives, and Museums," *Proceedings of the International Society for Knowledge Organization conference*, Rio de Janeiro, Sept., 2016.
- "The Simplest Approach to Subject Classification," *Proceedings of the IFLA satellite conference*, Columbus OH, Aug., 2016.
- "Poly-coordination." *Proceedings of the Annual Conference of the Canadian Association for Information Science*, Calgary, June 2016. <http://www.caais-acsi.ca/ojs/index.php/caais/issue/archive>
- "Synthetic classification of museum artifacts using basic concepts." *Proceedings of the Museums and the Web conference*, Los Angeles, April, 2016.
- (Rick Szostak and Claudio Gnoli) "Universality is Inescapable" *Advances in Classification Research 2014*, Proceedings of the ASIST SIG/CR Workshop, November 1, 2014, Seattle: <https://journals.lib.washington.edu/index.php/acro/article/view/14906>
- "Skepticism and Knowledge Organization" In Weislaw Babik, ed., *Knowledge Organization in the 21st Century: Between Historical Patterns and Future Prospects; Proceedings of the 2014 conference of the International Society for Knowledge Organization* (Krakow, May, 2014). Würzburg: Erlon Verlag.
- "Classification, Ontology, and the Semantic Web." *Advances in Classification Research 2013*, Proceedings of the ASIST SIG/CR Workshop, November 1, 2013, Montreal: <https://journals.lib.washington.edu/index.php/acro/article/view/14674>
- "Classification in Terms of Basic Concepts" *Advances in Classification Research 2012*, Proceedings of the ASIST SIG/CR Workshop, October 26, 2012, Baltimore. <http://journals.lib.washington.edu/index.php/acro/article/view/14234>
- "The Basic Concepts Classification" in Neelameghan, A. and Raghavan, K.S. (Eds.) *Categories, Contexts and Relations in Knowledge Organization, Proceedings of the Twelfth International ISKO Conference 6-9 August 2012 Mysore, India*. 24-30.
- (Claudio Gnoli, Tom Pullmann, Philippe Cousson, Gabriele Merli & Rick Szostak) "Representing the structural elements of a freely faceted classification," A. Slavic & E. Civaliero eds. *Classification and ontology: Formal approaches and access to knowledge: Proceedings, International UDC Seminar (19-20 Sept 2011, The Hague)*, Würzburg: Ergon, 2011, p. 193-206.
- "Universal and Domain-specific Classifications from an Interdisciplinary Perspective" Claudio Gnoli and Fulvio Mazzochi, eds., *Paradigms and Conceptual Systems in Knowledge Organization: Proceedings of the 2010 conference of the International Society for Knowledge Organization* (Rome, February, 2010). Würzburg: Erlon Verlag, pp. 71-7.
- (Rick Szostak and Claudio Gnoli) "Beyond Aboutness: Classifying Causal Links in the Service of Interdisciplinarity" *Proceedings, ASIST Special Interest Group on Classification Research Workshop*, Vancouver, Nov. 7, 2009.
- (Claudio Gnoli and Rick Szostak) "Classifying by phenomena, theories, and methods: examples with focused social science theories," in *Culture and identity in knowledge organization*, proceedings of the 10th international ISKO conference, Montréal, 2008, Würzburg: Ergon, p. 205-211.
- "Interdisciplinarity and the Classification of Scholarly Documents by Phenomena, Theories, and Methods" in Blanca Rodriguez Bravo and Luisa Alvite Diez, eds., *Interdisciplinarity and Transdisciplinarity in the Organization of Scientific Knowledge: Actas del VIII Congreso ISKO-Espana* (Leon, April, 2007). Leon: University of Leon, 469-77.

Handbook Chapters (7 single-authored)

- "Interdisciplinarity and Heterodoxy" *Edward Elgar Handbook of Research Methods and Applications in Heterodox Economics* 2nd ed. (Bruce Cronin ed., Edward Elgar publishers, Forthcoming),
- "Introduction" (5065 words) for the *Edward Elgar Handbook of Interdisciplinary Teaching and Administration* which I edited. September, 2024.
- "Interdisciplinarity and Future Studies" (6000 words) for the *Edward Elgar Handbook of Interdisciplinary Teaching and Administration* which I edited. September, 2024.
- "Interdisciplinary and Integrative Research" In John Edlund, ed., *Cambridge Handbook of Research Methods and Statistics for the Social and Behavioral Sciences*. Vol. 2 9800 words. December, 2024.
- "An Interdisciplinary Perspective on Heterodoxy" *Edward Elgar Handbook of Research Methods and Applications in Heterodox Economics* 2nd ed. (Lee and Cronin eds., Edward Elgar publishers 2016, 54-69.)
- "Interdisciplinary and Transdisciplinary Multimethod and Mixed Method Research" *Oxford Handbook of Multimethod and Mixed Method Research* (Hesse-Bulber and Johnson eds.). Ch.8, pp. 128-43. 2015.
- "Transcending Discipline-Based Library Classifications" in *The Oxford Handbook of Interdisciplinarity* (2010). 180-1.

Encyclopaedia Articles (27; 25 single-authored, 2 co-authored):

- Edward Elgar Encyclopaedia of Interdisciplinarity and Transdisciplinarity* (June 2024)
- "Interdisciplinarity" (2124 words) [Final refereed versions accepted September 2023]
- "Multidisciplinarity" (1432 words)
- "Administration" (2311 words)
- "Knowledge Organization" (2159 words)
- "World History" (1788 words)
- "Democratic Backsliding," (1954 words)
- ISKO Encyclopedia of Knowledge Organization* [all are republished in the journal *Knowledge Organization*]
- "Classification of the Social Sciences" (Dec 2023) https://www.isko.org/cyclo/social_sciences
- (with Peter Ohly) "International Society for Knowledge Organization" <https://www.isko.org/cyclo/isko> (Sept 2020)
- "Basic Concepts Classification" <https://www.isko.org/cyclo/bcc> (July 2019) [Reprinted, *Knowledge Organization*, June 2020]
- Sage Research Methods Foundations* (September 2019)
- (with Michelle Buchberger) "Interdisciplinary Studies"
- ABC-Clio Encyclopaedia of World History* (April, 2011):
- "What Can We Learn From History?" Vol. 1; pp.41-6.
- "Great Britain and its Continental Competitors in the Early Industrial Revolution" Vol. 15, pp. 636-9.
- "Technology and the Early Industrial Revolution" Vol. 15, p.640.
- "Cotton versus Wool" [sidebar] Vol. 15, p. 641.
- "The Organization of Industry: The Factory, Interchangeable Parts, Division of Labor" Vol. 15, pp. 649-50.
- "Electricity and Its Uses" Vol. 16, 994-5.
- "Causes of the Great Depression" Vol. 18, 442-3
- "The Great Depression in the United States" Vol. 18, 453-4.
- "The Assembly Line" Vol. 18, p. 697.
- "Critiques of the Idea of Progress" Vol. 20, pp. 760-1.
- Booms and Busts: An Encyclopedia of Economic History...* (M.E. Sharpe, 2010):
- "Economic Growth" (3100 words);
- "Technological Innovation" (2400 words)
- Gale Encyclopaedia of the Great Depression* (2004):
- "Science and Technology" Vol. 2, 865-70..
- Scribner's Dictionary of American History* (2003):
- "The Great Depression" (3200 words);
- "Business Cycles" (3200 words)
- Oxford Encyclopaedia of Economic History* (2003):
- "Road Transportation: Historical Overview" (3500 words);
- "Stephenson Family" (600 words)

Other Contributions to Edited Works (15: 12 single-authored, 3 co-authored):

- "Commentary 4.3: Grappling with Differing Definitions" (1862 words) In *Interdisciplinary Practices in Higher Education*, edited by Bianca Vienni-Baptista, Katrine Lindvig, Merel van Goch, and Rianne van Lambalgen. London: Routledge, 2024., 66-71.
- (Karri Holley and Rick Szostak) "Interdisciplinary Education and Research in North America" in Julie Thompson Klein and Bianca Vienni Baptista, eds., *Interdisciplinarity and Transdisciplinarity: Institutionalizing Collaboration across Cultures and Communities*. Routledge, 2022.
- "Interdisciplinary research as a creative design process," Chapter 2 in Frédéric Darbellay, Zoe Moody, Todd Lubart, Eds., *Creative Design thinking from an interdisciplinary perspective*, Berlin: Springer, 2017.
- "Facet Analysis without Facet Indicators" in *Dimensions of Knowledge: Facets for Knowledge Organization*. Edited by Richard Smiraglia and Hur-li Lee. Wurzburg: Ergon, 2017.
- "A Growth Agenda for Economic History" in, Greif, Keisling, and Nye, eds. *Institutions, Innovation, and Industrialization*. Princeton University Press. 2015, 245-73.
- "Communicating Complex Concepts" In O'Rourke, M., Crowley, S., Eigenbrode, S. D., Wulforth, J. D., eds. *Enhancing Communication and Collaboration in Interdisciplinary Research*. Thousand Oaks: Sage, 2013, 34-55.
- "Integrating Interdisciplinary Studies across the Humanities and Social Sciences," in Raphael Foshay, ed., *Valences of Interdisciplinarity*. Athabasca University Press, 2012, 165-88.
- "The Interdisciplinary Research Process," in Allen F. Repko, William H. Newell, and Rick Szostak, eds. *Case Studies in Interdisciplinary Research*, 2012, Thousand Oaks: Sage, 3-19.
- "An Interdisciplinary Analysis of the Causes of Economic Growth," in Allen F. Repko, William H. Newell, and Rick Szostak, eds. *Case Studies in Interdisciplinary Research*, 2012, Thousand Oaks: Sage, 159-89.
- (Allen F. Repko, William H. Newell, and Rick Szostak) "Preface," in Allen F. Repko, William H. Newell, and Rick Szostak, eds. *Case Studies in Interdisciplinary Research*, 2012, Thousand Oaks: Sage, xv – xxvi.
- "A Canadian and Collaborative Perspective: The Office of Interdisciplinary Studies at the University of Alberta," in Augsburg and Henry, eds., *The Politics of Interdisciplinary Studies*. McFarland Press, 2009. 212-26.
- (Tanya Augsburg, Stuart Henry, William H. Newell and Rick Szostak) "Conclusion," in Augsburg and Henry, eds., *The Politics of Interdisciplinary Studies*. McFarland Press, 2009. 227-56.
- "Confessions of an Ex-Beauty Queen: Some Simple Lessons for the Profession", in Craig Freedman and Rick Szostak, eds., *Tales of Narcissus: The Looking Glass of Economic Science*, New York: Nova Science, 2003, 237-46. That volume also reprinted my "The History of Art and the Art in Economics" (1992).
- "The Domestic Economy: An Overview" *Canada Since Confederation: A History on CD-Rom*, Chinook Multimedia, 2001, 90p.
- "The Meaning of Economic History: An Interdisciplinary Perspective", in Pat Hudson, ed., *Living Economic and Social History*, Glasgow: Economic History Society, 2001, pp. 357-61.

Contributions to ABC-Clio's Online Database for World History: The Modern Era (3 single-authored)

- "Economic and Social Impacts of the Automobile." November 2015. 3275 words.
- "What role did imperialism play in facilitating the Industrial Revolution in Great Britain?" July 2012.. 2730 words.
- "The Causes of the British Industrial Revolution" Nov 2011, 1350 words.

Newsletter Column (Short Reviews)

From mid-2018 to 2022 I co-authored a column with Julie Thompson Klein in the newsletter of the Association for Interdisciplinary Studies. I have performed brief reviews of Ray Miller's *International Political Economy*, Mack and Gibson, *Interdisciplinarity and Academic Libraries*, Bhaskar et al., *Interdisciplinarity and Wellbeing*, Roger Waldeck, ed., *Methods & Interdisciplinarity*, Roderick Lawrence, *Creating Built Environments*, Boor et al. *Meaningful Assessment in Interdisciplinary Education: a practical handbook for university teachers*, as well as a special issue of the journal *ATLAS* and the SHAPE-ID toolkit. Note that the latter review was re-posted on the website of Shape-ID itself: <https://www.shapeid.eu/ais-review/>

Newsletter and Magazine Articles, (21: 17 single-authored, 4 co-authored):

- "Interdisciplinary Teaching." *EurSafe News* 24:3, Dec 2024, 11-3.
- "Making Sense of the Future" *International Market and Competitive Intelligence (ICMI) Magazine*, June 2022, 18-21.
<https://www.flipsnack.com/imcimagazine/imci-magazine-july-august-2022.html>
- "Manifesto of Interdisciplinarity," AIS Newsletter, 41:3-4, Jan 2020.
- "Reflections on Graduate Interdisciplinary Education" [Translated into Spanish] https://pics.unison.mx/doctorado/wp-content/uploads/2020/05/Reflexiones_sobre_interdiscipliniedad_en_la_ensenanza_de_posgrado.pdf
- (Julie Thompson Klein, Machiel Keestra, and Rick Szostak) "Intercultural Endeavors Explored at TD-Net Conference," *Newsletter of the Association for Interdisciplinary Studies*, 40:1, February, 2018.
- "Coherence and Integration Throughout the Curriculum" *Newsletter of the Association for Integrative Studies*, October 2014, 1-7.
- "Lessons from the First and Second Industrial Revolutions" *Chinese Social Sciences Today* (Chinese Academy of Social Sciences), November, 2013. <http://www.csstoday.net/tebiecehua/85668.html>
- "The NSF Ponders an Interdisciplinary Future" *Newsletter of the Association for Integrative Studies*, December, 2011.
- (Rick Szostak, Karen Moranski, Stuart Henry, & Jennifer Dellner) "Vignettes from San Diego" *AIS Newsletter*, December, 2010.
- (Julie Thompson Klein, Machiel Keestra and Rick Szostak) "Integration in IDR and TDR: Report from International TD-Net Conference in Berne" *AIS Newsletter*, March 2010, 1-5 (non-consecutive).
- "Advancing Interdisciplinarity: Reflections on the 2005 AIS Conference" *AIS Newsletter*, November, 2005
- "Reflective Interdisciplinary Teaching: Insights from the Drury Conference" *AIS Newsletter*, May, 2003
- "The AIS Directory of Interdisciplinary PhD Programs" *Newsletter of the Association for Integrative Studies*, March, 2003
- "Changing the way we elect MPs," *Policy Options*, Jan/Feb, 2001, pp. 31-4.
- "Technological Innovation and the Causes and Cures for Unemployment" *Policy Options*, July/August, 2000, pp. 30-2.
- "Lessons From the HRDC Scandal" *Policy Options*, June, 2000, pp. 65-8.
- "On Unifying Human Ethics" *Society for Values in Higher Education Newsletter*, April, 2000, p.20.
- (Bob Barnetson and Rick Szostak) "Alberta Advantage University: The ultimate in linking funding to performance in education" *Education Monitor*, Winter 1998, pp. 8-9.
- "Constitutional Reform Made Easy" *Policy Options*, December 1997, pp. 45-7.
- "The Significance of the 1993 Nobel Prize" *CABE News*, Winter 1994, p. 3.
- "A Senate for the Nation" *Policy Options*, October 1991, p. 13.

Blog posts (8 single authored)

- "Three Favorite Books Read in 2023" <https://shepherd.com/bboy/2023/f/rick-szostak> November 2023.
- "The Best Books about the Future" <https://shepherd.com/best-books/about-the-future> July 2023.
- "The Best Books about Reforming..." <https://shepherd.com/best-books/reforming-the-social-sciences-and-humanities> July 2023.
- "Making Sense of the Future" Jan, 2022. <https://www.teachthefuture.org/forum/futures-thinking-in-education>
- "Can examining cross-disciplinary interactions illuminate unknown unknowns? Integration and Implementation Sciences, January 2021 (blog post) <https://i2insights.org/2021/01/05/cross-disciplinarity-illuminates-unknown-unknowns/>
 This was re-blogged in July 2023.
- "Manifesto of Interdisciplinarity" *Integration and Implementation Sciences*, March 2019
<https://i2insights.org/2019/03/19/manifesto-of-interdisciplinarity/>
- "Why We Should not Ignore Interdisciplinarity's Critics, *Integration and Implementation Sciences*, Nov 7, 2017.
<https://i2insights.org/2017/11/07/interdisciplinarity-and-critics/>
- "Blog post in reply to Kleineberg's 'The Blind Knowledge Organizers and the Elephant'" <http://www.iskoi.org/ilc/elephant.php>

Note: I was the featured expert (on interdisciplinarity) on Sage's *MethodSpace* in April, 2020. They reprinted a couple of my blog posts and asked me a few questions.

I was also interviewed for two blog posts about open access publishing in 2022:

<https://doabooks.org/blog/?link=https%3A%2F%2Foopen.hypotheses.org%2F215>

<https://doabooks.org/blog/?link=https%3A%2F%2Foopen.hypotheses.org%2F233>

Completed but not yet Published

"Phenomenon-based Classification" and "Basic Concepts Classification" for *Dictionary of Knowledge Organization*.
The 4th ed. of *Introduction to Interdisciplinary Studies* has been submitted and copy-edited.
The 5th ed. of *Interdisciplinary Research: Process and Theory* has been submitted.

Research in Progress:

"Classification and Interdisciplinarity" This multifaceted project is part of an even larger research program focused on showing how interdisciplinary research is best performed, and in particular how it can be aided by the various classifications I have developed in previous work. I continue to develop my arguments that scholarly documents can and should be classified with respect to universal and exhaustive classifications of phenomena (and the relationships among these), theories, and methods. I am now applying this classification also to artifacts, works of art, archival documents, and the Semantic Web. Last but not least I continue to develop the Basic Concepts Classification.

I have begun a collaborative project on interdisciplinary activism.

I have begun a project on bibliometric analysis of interdisciplinary literature.

I and three others developed a plenary panel for a conference in November 2024, and are hoping to publish our findings.

Awards for Research:

Best Paper Award, International Society for Knowledge Organization conference, Wuhan, China, March 2024.

My *Making Sense of World History* was named "Outstanding book in humanities and social science" for 2020 by Taylor and Francis. It also won the Open Access Award for Media and Arts. <https://www.routledge.com/go/2020-book-and-digital-product-awards>

Boulding Award, Association for Interdisciplinary Studies, October 2018. For contributions to scholarship of interdisciplinarity.
McCalla Professorship, University of Alberta, 2001-2. This competitive award provided full release from teaching during the academic year in order that I could devote my time to research.

Review Essays (3 single-authored):

Review of Richard P. Smiraglia and Hur-li Lee, eds., "Cultural Frames of Knowledge," and Fidelia Ibekwe-SanJuan and Thomas M Dousa, eds., "Theories of Information, Communication and Knowledge: A Multidisciplinary Approach." *Knowledge Organization* 42:2, 129-33, 2015 (3456 words).

"Integrating History and Human Science," Review of Peter Burke's ""History and Social Theory" 2nd ed. *Historical Methods*, Fall, 2006. (3500 words)

"Technology and Culture Revisited" review of Staudenmaier's "Technology's Storytellers" and LaFollette and Stine, eds., "Technology and Choice" *Social Studies of Science*, May 1992, 7p.

Book Reviews (39 single-authored):

- Masood, Ehsan, *The Great Invention: The Story of GDP and the Making and Unmaking of the Modern World. Canadian Studies in Population* 44:3-4, 214-6, 2017.
- Frickel, Scott, Mathieu Albert, & Barbara Prainsack, "Investigating Interdisciplinary Collaboration". *AIS Newsletter*, Dec, 2016
- Fogel, Robert W., Enid M. Fogel, Mark Guglielmo, and Nathaniel Grotte, "Political Arithmetic: Simon Kuznets and the Empirical Tradition in Economics," *Canadian Studies in Population* 42, no. 3-4 (Fall/Winter 2015), 112-3.
- Acemoglu, Daron and James A. Robinson, "Why Nations Fail: The Origins of Power, Prosperity, and Poverty," *Canadian Studies in Population* 42:1-2, 167-9 (2015).
- Adelstein, Richard "The Rise of Planning in Industrial America.1865-1914." *The Historian*, 75:4 (Winter 2013), 827-30..
- Ashford, Nicholas and Ralph P. Hall, *Technology, Globalization, and Sustainable Development: Transforming the Industrial State*. Newsletter of the association for Interdisciplinary Studies, Oct., 2013.
- Diener, Ed, John F. Helliwell, and Daniel Kahneman, eds. "International Differences in Well-Being." *Canadian Studies in Population* 39:3-4, 127-8
- Lucas., Squire, & Srinivasan, eds. "Global Exchange and Poverty" *Canadian Studies in Population* 38:3/4, 166-8 (2011).
- Clark, Gregory "A Farewell to Alms" *New Global Studies*, June, 2008.
- Butterfield, Alice K. J. and Yossi Korazim-Körösy, eds., "Interdisciplinary Community Development" *AIS Newsletter*, May 2008.
- Nye, David E. "Technology Matters: Questions to Live With" *EH-Net*, April, 2006. Archived at www.eh.net/bookreviews.
- David Landes, "Prometheus Unbound, 2nd ed." *International Historical Review*, Summer, 2004.
- Gene Smiley, "Rethinking the Great Depression", *The Historian*. Summer, 2004.
- Hugh Miller, "Postmodern Public Policy", *Canadian Public Policy*, Fall, 2003.
- Haim Ofek, "Second Nature: Economic Origins of Human Evolution" *Journal of Economic Literature*, December, 2002.
- Alexander J. Field, "Altruistically Inclined?" *EH-Net*, June, 2002. Archived at www.eh.net/bookreviews.
- John N, Vardalas, "The Computer Revolution in Canada: Building National Technological Competence", *Journal of Economic History*, March, 2002.
- Elise S. Brezis and Peter Temin, eds., "Elites, Minorities, and Economic Growth", *EH-Net*, May, 2001. www.eh.net/bookreviews.
- Thomas Thorburn, "Economics of Transport: The Swedish Case 1780-1980", *Journal of Economic History*, March, 2001.
- Lena Andersson-Skog and Olle Krantz eds. "Institutions in the Transport and Communications Industries: State and Private Actors in the Making of Institutional Patterns, 1859-1990" *Journal of Economic History*, March, 2000.
- Michael Bordo, Claudia Goldin and Eugene N. White eds. "The Defining Moment: The Great Depression and the American Economy in the Twentieth Century" *Business History Review*, Summer, 1998.
- Andreas Kunz and John Armstrong eds. "Inland Navigation and Economic Development in Nineteenth Century Europe" *Journal of Economic History*, March 1999.
- Dietmar Rothermund "The Global Impact of the Great Depression," *Journal of Economic History*, December 1997.
- Mark Egnal "Divergent Paths: How Culture and Institutions Have Shaped N. American Growth," *Jrnl Canadian History*, Apr1997.
- Jean Gimpel "The End of the Future: The Waning of the High-Tech World" *Technology and Culture*, October 1996.
- JM Blaut "The Colonizer's Model of the World" *Economic Development and Cultural Change*, April 1996.
- Maurice W Kirby "The Origins of Railway Enterprise" *American Historical Review*, December 1995.
- Reed G Geiger "Planning the French Canals" *Business History Review*, Fall 1995.
- Ross Thomson, ed. "Learning and Technological Change" *Journal of Economic History*, March 1995.
- TC Barker and Dorian Gerhold "The Rise and Rise of Road Transport" *Journal of Economic History*, June, 1994.
- Elizabeth Monroe "The Wheeling Bridge Case" *Business History Review*, Summer 1994.
- Robin Neill "History of Canadian Economic Thought" *Journal of Economic History*, September 1992.
- Simon Ville "Transport and Economic Development in Europe 1700-1914" *Journal of Interdisciplinary History*, 1992.
- Ross Thomson "The Mechanization of Shoe Production" *Journal of Economic Behavior and Organization*, October 1992.
- Myron Gutmann "Toward the Modern Economy: Early Industry in Europe 1500-1800" *Labor History*, Summer 1991.
- JMS Careless "Frontier and Metropolis" *Journal of Economic History*, June 1990.
- EA Wrigley "Continuity, Chance, and Change" *Business History Review*, Autumn 1989.
- Aldcroft and Freeman, eds "Transport in Victorian Britain" *Journal of Economic History*, September 1989.
- Brian Young "In Its Corporate Capacity: The Seminary of Montreal as a Business Institution 1816-1876" *JEH*, June 1988.

Reviews Of Author's Work:**Making Sense of the Future (2022)**

Challenge (2022)

Interdisciplinary Knowledge Organization (2016)

Knowledge Organization (Dec. 2016)

Canadian Journal of Information and Library Science (Dec 2016)

Journal of the Association for Information Science and Technology (June 2017)

Association for Integrative Studies Newsletter (May, 2018)

Case Studies in Interdisciplinary Research (2012)

Association for Integrative Studies Newsletter (May, 2012)

Classifying Science: Phenomena, Data, Theory Method, Practice (2004):

Journal of the American Society for Information Science (Fall, 2006)

International Journal of General Systems 35:4 (August, 2006)

Knowledge Organization (2006); again by different reviewer 39:4 (2012)

A Schema for Unifying Human Science (2003)

Knowledge Organization 39:4 (2012)

Econ-Art: Divorcing Art from Science in Modern Economics (1999):

Journal of Economic Methodology, 10:1 (2003)

History of Economics Review (Fall, 2001)

Capital and Class (Supplement, Winter, 2001)

Research in the History of Economic Thought and Methodology, v.19a (2001)

Association for Integrative Studies Newsletter (May, 2001)

Times Higher Education (October 1999)

Technological Innovation and the Great Depression (1995):

American Historical Review, v. 102 (1997)

Journal of Economic Literature (September 1997)

Reference and Research Book News v. 11 (1997)

Technology and Culture (July, 1997)

Journal of Interdisciplinary History (Spring 1997)

Canadian Book Review Annual (1996)

Technology and American Society: A History (1995, 2004):

The Browser (2012) <http://thebrowser.com/interviews/michael-lind-on-american-economic-history>.

Technology and Culture (Review Essay, April 1996)

Reference and Research Book News (August, 1995)

Choice (May 1995)

The Role of Transportation in the Industrial Revolution (1991):

Annales (Fall, 1998)

English Historical Review (November 1994)

Bulletin of Science Technology and Society (Vol 13.3)

American Historical Review (October 1993)

Archives (October 1993)

European History Quarterly (Fall 1993)

Canadian Journal of History (April 1993)

Canadian Book Review (February 1993)

Business History (January 1993)

Technology and Culture (October 1992)

Journal of Economic History (September 1992)

Albion (Fall 1992)

Journal of Interdisciplinary History (Fall 1992)

Journal of Transportation History (Review Essay, Fall 1992)

Choice (February 1992)

Grants:

Trans-Atlantic Platform Grant (via SSHRC), \$100,000, 2017-20, March 2017, for research on BCC and linked open data.

SSHRC grant awarded, \$17,000, 2005-8; April, 2005, for applications of my various classifications.

SSHRC grant awarded (but not funded due to funding shortage), April, 2002; also April, 2010. In the latter case I received \$7500 from the Vice-President Research at the University of Alberta in recognition of the SSHRC decision.

U of A grants for international conference travel, 1990, 1999, 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2014.

U of A SAS grant for archival research in Washington, DC, 1993, and course release for Great Depression project.

U of A CRF grant for research assistant 1987, and SAS grant for archival research in Ottawa 1988 for project on The Abolition of Seigneurial Tenure in Quebec.

SSHRC research grants 1986 and 1987 for archival research in England and France, and course release for Transportation in the Industrial Revolution project.

Presentations

Keynote and Plenary Presentations (17):

Plenary: Organized panel, presented “Seeking Common Ground in the Scholarship of Interdisciplinarity,” International Transdisciplinary Conference, Utrecht, Nov 2024 (also participated in a panel on interdisciplinary teaching)

Keynote: “Teaching interdisciplinarity” Netherlands Network of Interdisciplinary, Utrecht, Nov 2024.

Keynote: “Seeking Common Ground in the Scholarship of Interdisciplinarity”; ISUFI Conference, Santa Cesaria Terme, Italy, July 2024

Keynote: “Perspectives on Interdisciplinary SSAH Policy-Making,” StrongerTogether : SSAH and the future of evidence-informed policymaking conference organized by the Belgian presidency of EU, Tervuren, Belgium, May 2024.

Keynote: “Future Studies and Interdisciplinarity” Assn for Interdisciplinary Studies, Sonoma CA, November 2022.

Keynote: “Teaching about Interdisciplinarity” Second Congress of Centre for Interdisciplinarity, Osijek, Croatia, Nov 2022.

Keynote: “Symbiotic Relationship between Disciplines and Interdisciplinarity” Conference on Interdisciplinarity, Lebanese University, Beirut, March 2018.

Keynote: “Interdisciplinarity and Adapted Physical Activity” North American Federation of Adapted Physical Activity, Edmonton, September, 2016.

Keynote: “Developments in Interdisciplinary Research” 11th Mbarara University of Science and Technology Annual Research Dissemination Conference, Mbarara, Uganda, 16th December 2015

Plenary panel presentation: “About Interdisciplinarity” td-net conference, Berne, Switzerland, Sept., 2015.

Plenary address: “Interdisciplinary Research on Aging” First Intl Conf on Interdisc. Research on Aging, Mexico City, June, 2015.

Plenary address: “Strategies for Interdisciplinary Research” Interdisc. Social Sciences Conference, Vancouver, June, 2014.

Plenary panel presentation “The State of the Field Looking Forward”, Association for Integrative Studies, Rochester MI, October 2012 [Also served as a discussant and moderated the conference wrap-up session]

Plenary panel presentation: “The State of the Field in Interdisciplinary Research”, Association for Integrative Studies, Grand Rapids MI, October, 2011 [Also participated in two other panels and moderated the conference wrap-up session]

Keynote address: “Are There Best Ways of Doing Interdisciplinary Research?” Interdisciplinary PhD Students Association at/ Dalhousie University [Also gave 1.5 hour workshop on ‘How to Teach Interdisciplinary Research’] Halifax, May, 2011.

Keynote lecture “Interdisciplinarity and the Classification of Scholarly Documents by Phenomena, Theories, and Methods”; Italian chapter, International Society for Knowledge Organization, Milan, June 2007.

Paper Presentations (University seminars) (37):

- "Conducting inter/transdisciplinary research: Understanding the nature of inter/transdisciplinarity and how to integrate insights generated in different disciplines." KU Leuven, November 2024.
- "The Interdisciplinary Research Process," Utrecht University (also participated in roundtables with instructors and students), November 2024.
- "Economics and Interdisciplinarity" Workshop on History and Methodology, University of Witwatersrand, Feb 29, 2024.
- "Economics as Social Science" Economics department, University of Witwatersrand, Feb 29, 2024.
- "Toward a General Theory of Knowledge Organization" Wuhan University School of Information, June, 2022.[virtual]
- "Teaching students how to integrate" Interdisciplinary Teaching and Learning Group, University of Birmingham, Feb, 2021 [virtual]
- "Interdisciplinarity and Integration" Holistic Safety and Security Group, Purdue University, Dec 2020 [virtual presentation]
- Panel Presentation on the Nature of Interdisciplinarity, Colorado State University, January 2020.
- "A General Phenomenon-Based Classification: Its Feasibility and Importance," University of Wisconsin, Milwaukee, March, 2016.
- "Technology and Economic Growth," First Annual STS Lecture, University of Alberta, Edmonton, April, 2008.
- "Interdisciplinary Perspectives on Economic Growth" Workshop on social economics, Univ. of the West Indies, Trinidad, Feb, 2008.
- "Interdisciplinarity, Creativity, and Revolutionary Science" Seminar, University of Bielefeld, June, 2007.
- "Institutional Change in the Newfoundland Fishery" Seminar, University of Siena, May, 2007
- "Teaching Interdisciplinarity" Seminar, University of Toronto in Siena, March 2007.
- "Institutional Change in the Newfoundland Fishery" Seminar, European University Institute, Florence, January, 2007
- "Interdisciplinary Research" Religious Studies annual symposium 2004 and 2005, Comp Lit symposium 2005, University of Alberta
- "Comprehensive Curricular Reform" Ball State University, Muncie, Indiana, January, 2004. [I spent two days on campus, also meeting with smaller groups to discuss possible reforms to their general education program]
- "Classifying Science" Science and Humanities Circle, University of Alberta, January, 2003
- "Unifying Human [Science and] Ethics" Faculty and graduate student seminars at George Washington University, Oct., 1999.
- "Unifying Human [Science and] Ethics" Faculty seminar at St. Mary's University of Minnesota, September, 1999
- "Unifying the Human Sciences" Professors Emeriti Association, University of Alberta, Oct. 1998
- "Causes of the Industrial Revolution" University of Alberta Eighteenth Century Studies Group, March 1995.
- "Technological Innovation and the Great Depression" Faculty seminars at the University of New South Wales, University of Newcastle, University of Western Australia, Curtin University, and Australian National University, 1991.
- "New Views of the Industrial Revolution" presented at Murdoch University and La Trobe University, 1991.
- "Technology and the Great Depression" Northwestern University, February 1989.
- "Transport and the Industrial Revolution" London School of Economics, May, 1986

Paper Presentations (Economic History, Economics, and History Conferences) (32):

- "Taking stock of what we know in World History," World History Association, Pittsburgh, June, 2023.
- "Addressing "democratic backsliding" in a world history course" Organized panel and presented, WHA, Pittsburgh, June, 2022
- "Why do We Teach World History?" Organized panel and presented, World History Association, Bilbao, June, 2022.
- "Meet the author session: Making Sense of World History," World History Association, Bilbao, June, 2022.
- "World History and Future Studies" [virtual] World History Association, July, 2021.
- "Organizing World History" Organized and presented in a panel, World History Association, Milwaukee, June 2018.
- "Drawing Lessons from World History" World History Association, Boston, June 2017. [Also organized and chaired the session.]
- "Interdisciplinarity and World History" World History Association Regional Conference, Honolulu, Feb., 2017.
- "Organizing Devices for World History" World History Association, Ghent, Belgium, July, 2016.
- "Why not an 'Economic History' Text?" World Economic History Congress, Kyoto, Japan, August, 2015.
- "Internal Transport and Culture in Eighteenth Century Britain" Canadian Society for 18th Century Studies, Edmonton, Oct, 2012
- "A Growth Agenda for Economic History" Conference in Honor of Joel Mokyr, Evanston IL, June 21-2, 2011.
- "A Growth Agenda for Economic History," Canadian Economics Association, Vancouver, June, 2008.
- "A Growth Agenda for Economic History," European Historical Economics Society, Lund, Sweden, June, 2007.
- "Networks and Economic Growth" Twelfth World Congress of Social Economics, Amsterdam, June, 2007.
- "The Role of Emerging Technologies in Generating Gains From Trade" Conference on Small Open Economies in a Globalizing World, Rimini, Italy, August/September, 2006.
- "Classifying Heterodoxy" Association for Heterodox Economists, London UK, July, 2006.
- "Behavioral Economics and the Broader Scholarly Enterprise" Soc. for Advancement of Behavioral Econ, Philadelphia, July, 2004.
- "Economic History as it is and should be" International Economic History Association, Buenos Aires, July, 2002.
- "Economic History as it is and should be" Canadian Economics Association, Calgary, June, 2002
- "Institutional Change in the Newfoundland Fishery" Fourth World Conference of Cliometrics, Montreal, July, 2000.
- "The Historiography of the Great Depression" History of Economics Society, Vancouver, July, 2000.
- "Institutional Change in the Newfoundland Fishery" Conference on Canadian Economic History, Kananaskis, Alberta, April, 1999. [also made a presentation on "Canada: From Confederation to Present"]
- "Canada: From Confederation to Present" Conference on Cdn Economic History, Niagara-on-the-Lake, Ontario, May 1997.
- "Technological Innovation and the Great Depression" Conference on Canadian Economic History, Vancouver, October 1992.
- "Technological Innovation and the Great Depression" Economic History Association, Boston, September 1992
- Two papers on the Industrial Revolution presented at the International Economic History Assoc., Leuven, Belgium, August 1990.
- "The Political Economy of the Abolition of Seigneurial Tenure" Conference on Canadian Economic History, Toronto, Oct. 1989
- "Institutional Inheritance and Early American Industrialization" Economic History Association, Washington, DC, September 1989.
- "The Political Economy of the Abolition of Seigneurial Tenure" Second World Conf. of Cliometrics, Santander, Spain, June 1989.
- "Transport in the Industrial Revolution" Colloquium on Transport in Pre-Industrial Europe, Brussels, May 1989.

Note: I was scheduled to make two presentations at the World History Association conference in Salt Lake City in June 2020, but the conference was cancelled.

Paper Presentations (Knowledge Organization and Information Science Conferences) (32):

- "Interdisciplinary Purposes of Knowledge Organization" KO across disciplines and media [online conference], June 2024.
<http://www.iskoi.org/doc/brasitaliano>
- "Additional Purposes of Knowledge Organization" [Best paper award] International Society for Knowledge Organization, Wuhan, China, March 2024.
- "A Visionary Website(s) for Enhancing Access to Scholarly Understanding" International Society for Knowledge Organization, Wuhan, China, March 2024.
- "Toward a General Theory of Knowledge Organization" Intl Society for Knowledge Organization, Aalborg Denmark, July, 2022.
 (Rick Szostak and Richard Smiraglia) "Classifying works of music in UDC and BCC" Intl Society for Knowledge Organization, Aalborg Denmark, July, 2022.
- "Digging into the Knowledge Graph" Conference of Trans-Atlantic Platform Grant-holders, NSF, Alexandria Va, Jan 2020.
 (Rick Szostak and Richard Smiraglia) "Classifying Music within the Basic Concepts Classification" Cdn Assoc Info Sci 2019.
- "Synthetic Classification and Diverse Communities" pre-conference workshop of the Special Interest Group on Classification Research, Association for Information Science and Technology, Vancouver, October 2018.
- "Applied Knowledge Organization and the History of the World" Intl Society for Knowledge Organization, Porto, July, 2018.
 (Richard Smiraglia and Rick Szostak) "Converting UDC to BCC: Comparative Approaches to Interdisciplinarity," International Society for Knowledge Organization, Porto, Portugal, July, 2018.
- (Rick Szostak, A. Scharnhorst, W. Beek, and R. Smiraglia) "Connecting KOSs and the LOD Cloud" ISKO, Porto, July, 2018.
- "Theory versus Practice in Facet Analysis," UDC Seminar, London UK, September, 2017. [also co-authored a poster.]
- "Facet Analysis Using Grammar," North American Society for Knowledge Organization, Champaign IL, June 2017..
 (Rick Szostak and Richard Smiraglia) " Comparative Approaches to Interdisciplinary KOSs: Use Cases of Converting UDC to BCC," North American Society for Knowledge Organization, Champaign IL, June 2017..
- "Employing a Synthetic Approach to Subject Classification across Galleries, Libraries, Archives, and Museums" International Society for Knowledge Organization, Rio De Janeiro, Sept 2016. [Visa didn't come on time, but in Proceedings]
- "The Simplest Approach to Subject Classification" International Federation of Library Associations, Columbus OH, Aug. 2016.
- "Poly-coordination" Canadian Association for Information Science, Calgary, June, 2016.
- "Synthetic classification of museum artifacts using basic concepts" Museums and the Web conference, Los Angeles, April, 2016.
- "Classifying Authorial Perspective" North American Society for Knowledge Organization, Los Angeles, June, 2014.
- "Universality is Inescapable" ASIST Classification Research Group Workshop, Seattle, Nov., 2014.
- "Scepticism and Knowledge Organization" International Society for Knowledge Organization, Krakow, May, 2014.
- "Classifying the Humanities" Association for Information Science and Technology, Montreal, Nov., 2013.
- "Classification and Productivity" Panel presentation, Association for Information Science and Technology, Montreal, Nov., 2013.
- "Classification, ontology, and the semantic web," ASIST Classification Research Group Workshop, Montreal, Nov., 2013.
- "Classifying for Diversity" North American Society for Knowledge Organization, Milwaukee, June, 2013.
- "The Interdisciplinary Study of Information" American Society for Information Science and Technology, Baltimore, Oct, 2012
- "Classification in Terms of Basic Concepts" ASIST Classification Research Group Workshop, Baltimore, Oct, 2012.
- "Universal and Domain-specific Classifications from an Interdisciplinary Perspective" Intl Soc Knowledge Org, Rome, Feb., 2010
- "Beyond Aboutness: Classifying Causal Links in the Service of Interdisciplinarity" ASIST Special Interest Group on Classification Research 20th Workshop, Vancouver, November 7, 2009.
- "Classifying by phenomena, theories, and methods: examples with focused social science theories" The 10th International Society for Knowledge Organization conference, Montréal, August, 2008.
- "Interdisciplinarity and the Classification of Scholarly Documents by Phenomena, Theories, and Methods" Eighth conference of the Spanish chapter of the International Society for Knowledge Organization, Leon, Spain, April, 2007.

Note: I was scheduled to participate in three presentations at the cancelled ISKO conference in Denmark, July 2020.

Paper Presentations (Interdisciplinary Conferences) (52):

- "Interdisciplinarity in Action" Association for Interdisciplinary Studies virtual conference, September 2024.
- "Addressing Democratic Backsliding in an Interdisciplinary Course" Association for Interdisciplinary Studies, October, 2023.
[Also participated in three panels]
- "Restoring Democratic Stability: A Backcasting Wheel Approach," Empowering Futures Conference, Turku, Finland, June, 2023
- "Teaching about the Future" [virtual] World Future Studies Federation, October, 2021.
- "Lessons from Interdisciplinarity for Disciplines" [virtual] Association for Interdisciplinary Studies, October, 2021.
- "Teaching about the Future" [virtual] Association for General and Liberal Studies, September, 2021.
- "Manifesto of Interdisciplinarity" Association for Interdisciplinary Studies, Amsterdam, Oct, 2019.
- "Interdisciplinarity and Anti-intellectualism," Association for Interdisciplinary Studies, Baltimore, Oct, 2017.
- "Interdisciplinary General Education" 75-minute workshop with two colleagues; American Association of Colleges and Universities, Phoenix, Feb 2017. Again at AIS conference, Baltimore, October 2017.
- "Interdisciplinarity and Creativity" Association for Interdisciplinary Studies, Ottawa, Oct, 2016. [Also did a poster.]
- "An Interdisciplinary Library Classification" Association for Interdisciplinary Studies, Andover MA, Oct, 2015.
- "Critical Thinking and Interdisciplinarity"; also "Best Practices in Interdisciplinary Research and Teaching" for pre-conference workshop and chaired 'State of the Field' opening plenary, Association for Interdisciplinary Studies, E. Lansing MI, Oct 2014.
- "Introduction to Interdisciplinary Studies" Panel presentation on new book, Association for Interdisciplinary Studies, Oxford, OH, Nov., 2013. [Also organized and chaired State of the Field and Past-Presidents panels, moderated conference wrap-up.]
- "Interdisciplinary Best Practices for Adapted Physical Activity" Workshop on Interdisciplinarity in APA, U. of Alberta, June, 2013
- "Classifying Theories, Methods, and Phenomena for Interdisciplinary Research" INIT Workshop, Utrecht, June 2011.
- "Concept Theory" Assoc. Integrative Studies, San Diego, Oct 2010 [also chaired panel, participated in another, chaired wrap-up]
- "Complex Concepts Into Basic Concepts" Enhancing Communication in Cross-Disciplinary Research, Couer d'Alene, Oct 2010.
- "Solving the Information Needs of Transdisciplinary through Classification?" TD-Net, Bern, Switzerland, Nov.21, 2009.
- "Evo-Devo and the Interdisciplinary Research Process" Conference on Integrating in Evo-Devo, UofA, Nov.15, 2009.
- "The Interdisciplinary Research Process" Association for Integrative Studies, Tuscaloosa, AL, October, 2009.
- "Integrating Interdisciplinary Studies across the Humanities and Social Sciences," Conference on the Scope of Interdisciplinarity, Edmonton (sponsored by Athabasca University), November, 2008.
- "An Interdisciplinary System of Library Classification?" Association for Integrative Studies, Springfield IL, October, 2008.
- "Interdisciplinary Perspectives on Economic Growth," Association for Integrative Studies, Phoenix, September, 2007.
- "How (and How Not) to Distinguish the Humanities from Social Science," New Directions in the Humanities, Paris, July, 2007.
- "Interdisciplinary Perspectives on Economic Growth," 2nd Intl Conf on Interdisciplinary Social Science, Granada, Spain, July 2007
- "Creativity, Revolutionary Science, and Interdisciplinarity" European Association for the Study of Science and Technology, Lausanne, Switzerland, August, 2006.
- "Unifying Ethics" Society for Ethics across the Curriculum, Sarasota, November, 2005.
- "Teaching about Integration" Assoc. of American Colleges and Universities Integrative Learning Conference, Denver, Oct., 2005.
- "Postmodernism and Interdisciplinarity" Association for Integrative Studies, Fairfax, VA, Oct, 2005 [I also participated in three panels at that conference]
- "Unifying Ethics" Society for Values in Higher Education, Portland, OR, July, 2005
- "Teaching Interdisciplinarity" [organized session, and presented in it] Assoc. for Integrative Studies, Charlotte, NC, Oct, 2004.
- "Classifying Scholarship" Association for Graduate Liberal Studies Programs, Napa, CA, November, 2003.
- "Reflective Interdisciplinarity" Association for Integrative Studies, Detroit, October, 2003.
- "Classifying Science" Society for the Social Study of Science, Milwaukee, Nov., 2002
- "Giving Students the 'Big Picture'" Association for Integrative Studies, Springfield, MO, October, 2002
- "Classifying Science/ An Ethical Survey" Association for General and Liberal Studies, Louisville, KY, Oct, 2002.
- "Educating for Citizenship with a Comprehensive Curriculum," Assn of American Colleges and Univs, Washington, Jan. 2002.
- "Reforming Liberal Education by Redefining Interdisciplinarity," Assn of American Colleges and Univs, New Orleans, Jan. 2001.
- "Superdisciplinarity: A Simple Definition of Interdisciplinarity with Profound Implications?" Association for Integrative Studies, Portland, Oregon, October, 2000 [Also participated in a panel on interdisciplinary social science]
- "Unifying Human Ethics" Society for Values in Higher Education, Colorado Springs, Aug., 2000
- "Unifying Human [Science and] Ethics" Association for Integrative Studies, Naperville, IL, October, 1999
- "Applying A Schema For Unifying Human Science", National Social Science Association, Las Vegas, March, 2000.
- "Applying A Schema For Unifying Human Science", Amer Assn for Behavioral and Social Sciences, Las Vegas, January, 2000
- "A Schema for Unifying Human Science: Implications for Historical Research" Social Science Hist. Assoc., Fort Worth, Nov 1999
- "A Schema for Structuring Liberal Education" Association for General and Liberal Studies, Richmond, VA, October, 1999.
- "A Schema for Unifying Human Science: Implications for Historical Research" Canadian Historical Assoc., Edmonton, May 2000.
- "Unifying the Human Sciences" Centre for Interdisciplinary Research in the Liberal Arts Conference, Banff, Alberta, May, 1998.
- "Unifying the Human Sciences" Association for Integrative Studies, Boone, North Carolina, October 1997
- "An Interdisciplinary Analysis of Human Progress" Conference on the Future of the Liberal Arts, Banff, Alberta, May 1996.

Teaching:**Undergraduate:**

Economics: Canadian Economic Development (Economic History), European Economic Development (Economic History), Technology Institutions and Economic Growth, Introductory Microeconomics, Intermediate Microeconomics, International Economics, Development Economics, Transportation Economics

Interdisciplinary: INTD 222 "Interdisciplinarity," INTD 333 "Mapping Interdisciplinary Studies," INTD 225 "Globalization," STS 200 "Introduction to Science, Technology, and Society," Intro to Future Studies

Graduate:

European Economic History, Canadian Economic History, Interdisciplinary Research, Future Studies

Graduate Supervision:

Danyil Trus, Artemis Accords As a Foundation For Extraterrestrial Cooperation, MA, European Studies, College of Europe, 2023.

Scott Auriat, Institutions and Economic Growth. PhD, Economics, Univ of Alberta, Final defence, July 2022; co-supervisor.

Laura Ridenour, Examining the notion of the boundary object ... PhD, SLIS, Univ of Wisconsin, Milwaukee, 2020; co-supervisor.

Fernanda Esqueda, Interdisciplinary training and practice: Analysis of the postgraduate field in Mexico. MA, Interdisciplinary Studies, University of Sonoma, Mexico. (Studied with me for 6 months; I approved her thesis).

Keynyn Brysse. Killam Postdoctoral Fellow, University of Alberta, 2012-4: Evidence, Interpretation, and Communication: Lessons from the Interdisciplinary Mass Extinction Debates.

Anna Pujadas Botey, Interdisciplinarity in Ecosystem Management. (Committee member, PhD in Earth and Atmospheric Sciences; Fall, 2007 – Aug 2010)

Aaron Braaten, Blogging and the Blogosphere: An Economic Analysis, Economics, MA, 2006.

Natalia Ivanova, Subjective Well-being: An Empirical Study Based on Canadian Data, Economics, MA, 2006.

Rebecca Adell, Creating Parliamentary Smoke: The Quest for a National Smoke Pollution Law in Nineteenth Century England, Member of PhD committee in the Department of History and Classics, 2005.

Davide Rossi, Regional Productivity Convergence Revisited: Italy, Economics, MA, 1998.

Barrie Hebb, A Re-Interpretation of the Canadian Wheat Boom (co-supervisor with K. Norrie), Economics, MA, 1997.

Wei Leong Ooi, The Semi-Strong Efficiency of the Hong Kong Stock Market, Economics, MA, 1995.

Fiona Tye, The Role of Exports in Economic Growth: Evidence from Time Series Data, Economics, MA, 1993.

Sinpoon Kutranon, Foreign Direct Investment and Spillover Efficiency in a Host Country's Economy: The Case of Thailand, Economics, MA, 1991.

Preston Poon, Learning and the North American Biotechnology Industry, Economics, MA, 1990.

Member of Matthew Eisler's PhD committee in the Department of History (Feb, 2005 – October 2007).

Graduate Thesis Examiner:

Solomon Hajramezan, Celestial Visions: Imagining and Engineering Spaceflight in the US, 1899–1969. History MA 2021.

Osnat Wine, Better Together: The Essential Components of an Integrative Knowledge Translation Approach for an Interdisciplinary Collaborative Research Project in Environmental Health, Pediatrics, PhD. 2020

Jake Bridges, A Science Fit for the Chapel: astronomy in Nineteenth Century Wales. History MA 2018.

Katrine Lindvig. Creating interdisciplinarity within monodisciplinary structures. PhD, U. of Copenhagen, Science education 2017.

Eldar Sehic, Essays on Trade, Inequality, and Gravity, Economics PhD, 2015.

Lu Zhang, Three Essays on Financial Markets, Business (Finance) PhD, 2015.

Brian Gold, Protestant Self-reconstruction Businessmen in Korea. History PhD, 2014.

Jordan Vincent, Nuclear Disarmament in the Ukraine, History MA, 2013.

Chris Gainor The United States Air Force and the Emergence of the Intercontinental Ballistic Missile. History PhD, 2011.

Jordan Claridge, Horses for Work and Horses for War: The Divergent Horse Market in Late Medieval England. History and Classics MA, 2011.

Lech Lebieadowski, Coal and Canvas; The Social and Technological Origins of the Steamship Era. History PhD, 2011.

Bettina Liverant, Buying Happiness: A Study in the Development of Canadian Consumer Culture. History and Classics. PhD, 2007.

Brad Wuetherick, The Economic Impact of the Hundred Years War. History and Classics, MA, 2006.

Alvaro Pereira External Examiner for PhD Defence, Economics, Simon Fraser University, 2003.

Ruth Freeman, Transferable Water Rights in Alberta, Rural Economy, MSc, 1996.

John Staples, Defining Economic Boundaries: The Collapse of the Muscovy Company, 1607-1620, History, MA, 1993.

Robert Carstensen, Anglo-French Relations in the Age of War: A Case Study of the Years, 1760-1761, History, MA, 1993.

Robin Close, The Quebec Act and Religious Toleration, Department of History, MA, 1993.

Robert Culham The Channel Tunnel Project 1875-1882: A Study of Public Sector Mismanagement, History, MA, 1992.

Ananta Mainaly, Factors Influencing Capital Formation in Subsistence Agriculture, Rural Economy, MSc, 1988.

[I have also served on several PhD proposal defence committees in History, Philosophy, Pediatrics, and the School of Business, and in the School of Information Science at the University of Wisconsin, Milwaukee.]

Administration:**University:**

Co-chair, Green and Gold Award Committee, 2014-5
 SSHRC Mentor, 2009, 2013, 2015
 Member, CAGFIL Grant Adjudication Committee, Oct, 2010, 2011
 Served as Member of the External Review Team, Health Sciences Council, April, 2004
 Served as mentor for University Teaching Services, 2000-3
 Member, General Appeals Committee, 1998-99, 2002
 Elected President, AAS:UA [Faculty Association], 1995-96, Vice-President 1994-95, Past President, 1996-97
 Member, AAS:UA salary negotiation committee, 1992-94

Faculty of Arts:

Elected member, Decanal Review Committee, 2014-5
 Co-chair, Arts Teaching Learning and Engagement Committee 2014-5
 Elected member, Honours Committee, 2012 –4
 Member, Advisory Council, Kule Institute for Advanced Research, 2010 –4, 2020-3
 Member, Research Committee 2010 –2, Member, Arts Academic Information Technology Committee, 2011
 Associate Dean, Interdisciplinary and International Studies, 2002-4; Associate Dean Academic 2004-5
 Chair, Committee to Review B.A Program, 2000-1 (Drafted 22pp. report with some 20 recommendations)
 Chair, Ad Hoc Committee to Implement Introductory Course, 1998-99
 Chair, Academic Affairs Committee, 1997-99
 Elected Member, Arts teaching committee, 1993-96
 Member, Ad Hoc Committee on student orientation, 1993-94; Member, Ad Hoc Committee on interdisciplinarity, 1993-94
 Member, Canadian Studies Committee, 1993-94

Office of Interdisciplinary Studies:

Acting Director, STS Program, 2010-12, Member STS Council, 2005 – ;Chaired Cttee to develop graduate program, 2007-9.
 Director, Individualized Major/Minor Program, 2010 –12
 Member, Office of Interdisciplinary Studies Strategic Planning Task Force, 2010-11

Department of Economics:

Chair, July 1 2017 -2022
 Associate Chair (Undergraduate) 2012 –5
 Chair, Department Newsletter Committee, 2000-2, 2007-8; member, 2008-9
 Chair, Research Committee, 2011-2; Member, 2010-11
 Member, Undergraduate Advising Committee, 1990-91, 2001-2, 2005-6; 2008-12; Honors Advisor, 1993-95
 Member, Student Awards Committee, 2005-6.
 Member, Undergraduate Curriculum Committee, 1987-90, 1992-94, 1998-2001
 Member, PhD Economic Development Comprehensive Exam Committee, 1988, 1989, 1993, 1996
 Member, Teaching Committee, 1992-94

Professional Activities:**Service to Organizations:**

Member, Editorial Board, *Issues in Interdisciplinary Studies*, April 2019 -- *Knowledge Organization*, 2017 --
 Elected President, International Society for Knowledge Organization, 2018-22 Past President 2022--
 Elected President, Economics Society of Northern Alberta, 2017 and 2018. Board member since 2013.
 Board member, Institute for Health Economics, 2017-22.
 Elected to two-year term on governing board, Association for Integrative Studies, 2000-2; Re-elected 2002-4; Elected Vice-President 2004-6. Re-elected to Board 2007-11. President-Elect 2010-11. President 2011-14. Past-President 2014 -7.
 Member, Planning committee for first international conference of Intl Network for Interdisciplinarity and Transdisciplinarity, 2011.
 Member, SSHRC Interdisciplinary Adjudication Committee, 2006, 2008
 Appointed Member, Expert Panel, "Social and Economic Impacts of Gambling" Inter-provincial Research Project; 2005-8.
 Appointed to the Board of the Alberta Gaming Research Institute, 2001-6; Elected Chair of Audit Committee, May, 2002-2006.
 Appointed to Advisory Committee, Society For the History of Technology, 1996-2001.
 Elected President, Confederation of Alberta Faculty Associations, 1996-98. Elected Treasurer, 1994-95, 1995-96. Past President, 1998-2002. (Duties included membership of the Search Committee for Executive Director, Fall, 2000)
 Co-organizer, Conference on Canadian Economic History, Montreal, April 1994, Member, Program Committee, Kananaskis, April 1999. Program committee for ISKO conferences 2010, 2014, 2016, NASKO conferences, 2011, 2013, 2015.
 Organized panels and chaired wrap-up session at several Association for Integrative Studies conferences.

Refereeing:

Refereed book manuscripts for University of Toronto Press, University of Chicago Press, Princeton University Press, McGraw-Hill, Routledge, University of Alberta Press, and Edward Elgar.

Refereed book proposals for Anthem, World Scientific, Bristol UP, and Teachers College Press..

Provided detailed commentary on textbook on international political economy for Routledge (and then cover endorsement).

Refereed papers for *Issues in Integrative [now Interdisciplinary] Studies*, *Journal of Economic History*, *Journal of Political Economy*, *Journal of Economic Behavior and Organization*, *Canadian Public Policy*, *Journal of Historical Sociology*, *History of Intellectual Culture*, *The Journal of Policy History*, *The Journal of Socio-Economics*, *Economic History Review*, *European Review of Economic History*, *Business History Review*, *Journal of Research Practice*, *International Journal of the Humanities*, *International Journal of Qualitative Methods*, *Knowledge Organization*, *Journal of Ecological Economics*, *Canadian Journal of Higher Education*, *Alberta Journal of Educational Research*, *Australian Economic History Review*, *Canadian Journal of Sociology*, *Journal of Research Evaluation*, *Explorations in Economic History*, *Palgrave Communications*, *Cogent Humanities*, *Sustainability Science*, *Canadian Journal of Information Science*, *The Encyclopedia of Knowledge Organization*, *Science and Engineering Ethics*, *Foundations of Built Environment*, *European Psychologist*, *Environment Development and Sustainability*, *Research Evaluation*, *Philosophia*, *SN Social Sciences*, *Global Social Challenges*, *World History Connected*, *BioScience*, *Humanities and Social Science Communications*, *Frontiers in Built Environment*, and *Futures and Foresight Science*..

Refereed book chapters for the *Handbook of Decision-Making* (Marcel Dekker), and *Handbook of Transdisciplinarity: Global Perspectives* (Edward Elgar).

Refereed grant proposals for the Social Sciences and Humanities Research Council of Canada, Canadian Foundation for Innovation, the National Science Foundation (U.S.), the Leverhulme Trust (UK), the Swiss government, and the Dutch Research Council.

External reference for promotion cases at the University of Guelph, the University of Texas, Arlington, Simon Fraser University, West Virginia University, the University of Edinburgh, the University of British Columbia, the University of Hawaii, and the University of Seattle.

External reference for tenure cases at Simon Fraser University, San Francisco State University, University of Texas, Arlington, and Kennesaw State University.

Served as a discussant at the Conferences on Canadian Economic History in Montreal in 1985 and 1994, Hamilton in 1987, and Kananaskis in 1999, the International Economic History Congress in Leuven, Belgium in 1990, the Canadian Economics Association conference in Calgary in June 1994 and June 2002, the Institute for Research on Public Policy conference on technology issues in Ottawa in May, 2000, the History of Economics Society meeting in Vancouver, June, 2000, the Association for Heterodox Economists meeting in London UK, July, 2006, and the Association for Integrative Studies conference, Tuscaloosa, AL, Oct., 2009.

Program Review:

University of North Carolina, Wilmington, March 2023 (Accreditation onsite visit).

St. Mary's University, Calgary, Oct/November 2020

Colorado State University, January 2020

Miami University (Ohio), October 2017

University of Paris-East [now U. Gustav Eiffel] (part of external advisory committee 2018-21)

Media and Community:

Interview with Bulletin of Atomic Scientists on democratic backsliding, May 10, 2024

Quoted at length in *Times Education Supplement*, Oct 18, 2023, about university support for interdisciplinarity.

One hour interview about my book on Futures Television, May 2021

Interviewed on camera for The National, July, 2009, regarding youth unemployment.

Interviewed on camera by Global, City-TV, in studio on Breakfast TV (City TV), by St Albert Gazette re federal budget, Jan 2009

Nominated as Liberal candidate, Edmonton Sherwood Park, February 2008 for October 14 election; various media interviews and speaking engagements. Nominated again in June, 2009 for 2011 election. Nominated in February 2012 as candidate provincially in Edmonton-Whitemud.

Interviewed by *Vue Weekly* and *Carleton University Charlatan* regarding Individualized Major, Nov, 2007.

Various interviews with *Edmonton Sun*, *Edmonton Journal*, CBC, CFRN, ITV news, and Access TV on economic, public sector, and university issues.

Interviewed by *Business Week* for brief article on the Great Depression, 1998; by *Wired Magazine*, December, 2008.

(With David Milner) Guest Column, *Edmonton Journal*, *Calgary Herald*, *Lethbridge Herald*, *Red Deer Advocate*, January 1998 (government funding of postsecondary education).

Appeared before the House of Commons standing committee on finance, the Senate Special Committee on post-secondary education, and the Standing Policy Committee of the Alberta Legislature on education while CAFA President, 1996-8.

Drafted Submission of Education delegates (16p.); member of drafting committee for Municipalities/Academic/Schools/Health sector submission (30p.), both published in Final Report of the Alberta Growth Summit, October, 1997.

Guest Column, *Edmonton Journal*, March 1997, *Calgary Herald*, June 1997, (post-secondary education).

Panel Discussion, Shaw Cable (Winter 1995), (1-1/2 hours, future for high school students).

Panel Discussion, Access TV (Fall 1994), (2 hour, tenure, teaching).

Guest Column, *Edmonton Journal*, March 1994 (government cuts).

Spoke at Career and Placement Services Economics Forum (1990).

Gave talks on free trade to church/community groups in Edmonton, Spruce Grove, Sherwood Park, and Red Deer in 1988-89.

Interviewed on same topic by CBC-TV (1988), and *Edmonton Journal* (five-part series, 1988).

Membership in Professional Organizations:

Association for Interdisciplinary Studies (formerly Association for Integrative Studies)

International Society for Knowledge Organization

World Futures Studies Federation

World History Association