

Jeffrey Parsons

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EMPLOYMENT

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| Dec. 2011 – present | University Research Professor, <i>Memorial University of Newfoundland</i> |
| Sept. 2001 – present | Professor, Faculty of Business Administration, <i>Memorial University of Newfoundland</i> |
| July 2008 – August 2012 | Associate Dean, Research, Faculty of Business Administration, <i>Memorial University of Newfoundland</i> , St. John's, NF, Canada |
| Sept. 2002 – August 2014 | Professor (Cross-appointment), Department of Computer Science, <i>Memorial University of Newfoundland</i> |
| April 2008 – May 2008 | Visiting Professor, School of Business and Economics, <i>University of Queensland</i> , Brisbane, Australia |
| June 2003 – June 2007 | Associate Dean, Research, Faculty of Business Administration, <i>Memorial University of Newfoundland</i> |
| Sept. 1999 – August 2002 | Associate Professor (Cross-appointment), Department of Computer Science, <i>Memorial University of Newfoundland</i> |
| Sept. 1996 – August 2001 | Associate Professor, Faculty of Business Administration, <i>Memorial University of Newfoundland</i> (Tenured, September 1, 1998) |
| September - December 1995 | Visiting Assistant Professor of Information Systems, <i>The Wharton School, The University of Pennsylvania</i> , Philadelphia, PA, USA |
| July 1993 - August 1996 | Assistant Professor of MIS, Faculty of Business Administration, <i>Memorial University of Newfoundland</i> |
| July 1991 - June 1993 | Assistant Professor, Faculty of Management, <i>University of Manitoba</i> , Winnipeg, MB, Canada |

EDUCATION

Ph.D. (Management Information Systems)

(Minor: Management Science)

The University of British Columbia, Vancouver, B.C., Canada

Dissertation Title: A Classification Theory Based Information Systems Model

Bachelor of Commerce (Honours)

Memorial University of Newfoundland, St. John's, Newfoundland, Canada

RESEARCH INTERESTS

Classification in Systems Analysis and Design; Crowdsourcing; Information Quality; Data Management; Design Science; Recommender Systems; Object-Oriented Systems and Reuse; Electronic Commerce

RESEARCH CONTRIBUTIONS (Accepted or Published)

Refereed Journals

- Parsons, Jeffrey and Yair Wand, "Extending Principles of Classification from Information Modeling to Other Disciplines," *Journal of the Association for Information Systems*, April 2013, 14(4), forthcoming.
- Browne, Glenn and Jeffrey Parsons, "More Enduring Questions in Cognitive IS Research," *Journal of the Association for Information Systems*, December 2012, 13(12), 1000-1011.
- Lukyanenko, Roman, Jeffrey Parsons and Yolanda Wiersma, "Easier Citizen Science is Better," *Nature*, 2011, 471, 37.
- Parsons, Jeffrey, "An Experimental Study of the Effects of Representing Property Precedence on the Comprehension of Conceptual Schemas," *Journal of the Association for Information Systems*, 12(6), 2011, 441-462.
- Lu, Shan and Jeffrey Parsons, "Ontological Rules for UML-Based Conceptual Modeling: Design Considerations and a Prototype Implementation," *International Journal of Information Systems Modeling and Design*, 2(1), January-March 2011, 24-44.
- Allen, Gove and Jeffrey Parsons, "Is Query Reuse Potentially Harmful? Anchoring and Adjustment in Adapting Existing Database Queries," *Information Systems Research*, 21(1), March 2010, 56-77.
- Parsons, Jeffrey and Yair Wand, "Using Cognitive Principles to Guide Classification in Information Systems Modeling," *MIS Quarterly*, 32(4), December 2008, 839-868.
- Parsons, Jeffrey and Yair Wand, "A Question of Class," *Nature*, 455(7216), October 23, 2008, 1040-1041.
- Dobing, Brian and Jeffrey Parsons, "Dimensions of UML Component Use: A Survey of Practitioners," *Journal of Database Management*, 19(1), January 2008, 1-18.
- Dobing, Brian and Jeffrey Parsons, "How UML is Used," *Communications of the ACM*, 49(5), May 2006, 109-113.
- Parsons, Jeffrey and Linda Cole, "What Do the Pictures Mean? Guidelines for Experimental Evaluation of Representation Fidelity in Diagrammatical Conceptual Modeling Techniques," *Data and Knowledge Engineering*, 55(3), December 2005, 327-342.
- Bajaj, Akhilesh, Dinesh Batra, Alan Hevner, Jeffrey Parsons and Keng Siau, "Systems Analysis and Design: Should We Be Researching What We Teach?" *Communications of the AIS*, April 2005, 15(Article 27), 478-493.
- Parsons, Jeffrey and Chad Saunders, "Cognitive Heuristics in Software Engineering: Applying and Extending Anchoring and Adjustment to Artifact Reuse," *IEEE Transactions on Software Engineering*, December 2004, 30(12), 873-888.
- Parsons, Jeffrey and Yair Wand, "Attribute-Based Semantic Reconciliation of Multiple Data Sources," *Journal on Data Semantics 1 (LNCS, Vol. 2800)*, Fall 2003, 21-47.
- Parsons, Jeffrey, "Effects of Local versus Global Schema Diagrams on Verification and Communication in Conceptual Data Modeling," *Journal of Management Information Systems*, 19(3), Winter 2003, 155-183.
- Gallagher, Katherine, Dale Foster, and Jeffrey Parsons, "The Medium is not the Message: Advertising Effectiveness and Content Evaluation in Print and on the Web," *Journal of Advertising*

Research, 41(4), 2001, 57-70. [Reprinted in *Canadian Advertising Research Foundation Newsletter*, October/November 2003, 1-9]

- Gallagher, Katherine, Jeffrey Parsons, and Dale Foster, "A Tale of Two Studies: Replicating 'Advertising Effectiveness and Content Evaluation in Print and on the Web'," *Journal of Advertising Research*, 41(4), 2001, 71-81.
- Dobing, Brian and Jeffrey Parsons, "Using the Internet to Simulate Virtual Organizations in MBA Curricula," *Journal of Information Systems Education*, 12(1), 2001, 9-14.
- Dobing, Brian and Jeffrey Parsons, "Understanding the Role of Use Cases in UML: A Review and Research Agenda," *Journal of Database Management*, special issue on "Systems Analysis and Design using UML," 11(4), October-December 2000, 28-36.
- Parsons, Jeffrey and Dale Foster, "Using the Internet to Build Realism in Teaching Requirements Analysis," *Journal of Information Systems Education*, 11(3-4), 2000, 141-146.
- Parsons, Jeffrey and Yair Wand, "Emancipating Instances from the Tyranny of Classes in Information Modeling," *ACM Transactions on Database Systems*, 25(2), June 2000, 228-268.
- Parsons, Jeffrey and Yair Wand, "Using Objects for Systems Analysis," *Communications of the ACM*, 40(12), December 1997, 104-110.
- Parsons, Jeffrey and Yair Wand, "Choosing Classes in Conceptual Modeling," *Communications of the ACM*, 40(6), June 1997, 63-69.
- Parsons, Jeffrey, "An Information Model Based on Classification Theory," *Management Science*, 42(10), October 1996, 1437-1453.
- Wand, Yair, David Monarchi, Jeffrey Parsons, and Carson Woo, "Theoretical Foundations for Conceptual Modeling in Information Systems Development," *Decision Support Systems*, 15(4), Fall 1995, 285-304.

Manuscripts under Review

- Lukyanenko, Roman, Jeffrey Parsons and Yolanda Wiersma, "The IQ of the Crowd: Understanding and Improving Information Quality in User-generated Content," under second review at *Information Systems Research*, January 2013.
- Parsons, Jeffrey and Paul Ralph, "Generating Effective Online Recommendations Using Viewing-time Weighted Preferences for Attributes," under revision for resubmission at *Journal of the Association for Information Systems*, March 2013.

Patents

- Parsons, Jeffrey and Paul Ralph, "System and Method for Estimating User Ratings from User Behavior and Providing Recommendations," US Patent Number 7,756,879, Issued July 13, 2010.

Books (edited)

- Parsons, Jeffrey, Motoshi Saeki, Peretz Shoval, Carson Woo, and Yair Wand (Eds.), *Conceptual Modeling – ER 2010*, LNCS 6412, Springer, 2010.
<http://dx.doi.org/10.1007/978-3-642-16373-9>

Book Chapters

- Li, Xueming and Jeffrey Parsons, "Assigning Ontological Semantics to UML for Conceptual Modeling," in R. Chiang, W. Hardgrave, K. Siau (Eds.), *Advances in Management Information Systems: Systems Analysis and Design*, M.E. Sharpe, 2010.

- Dobing, Brian and Jeffrey Parsons, "Use Cases in the UML," in K. Siau and J. Erickson (Eds.), *Principal Advancements in Database Management Technologies: New Applications and Frameworks*, IGI Global: Hershey, PA, 2010.
- Dobing, Brian and Jeffrey Parsons, "Use Cases in the UML," in M. Khosrow-Pour (Ed.), *Encyclopedia of Information Science and Technology*, Idea Publishing Group: Hershey, PA, 2004 (updated and republished for a 2nd edition, 2008).
- Parsons, Jeffrey, "Data Modeling," in J. Blazewicz, W. Kubiak, T. Morzy, M. Rusinkiewicz (Eds.), *Handbooks in Information Systems, Vol.3: Handbook on Data Management in Information Systems*, Springer: Berlin, 2003, 49-77.
- Dobing, Brian and Jeffrey Parsons, "Understanding the Role of Use Cases in UML: A Review and Research Agenda," Chapter 19 in K. Siau (Ed.), *Advanced Topics in Database Research*, Idea Group Publishing, 2002, 367-382 (extension of conference paper cited above). Also republished as Chapter 8 in S. Valenti (Ed.), *Successful Software Engineering*, IRM Press: Hershey, PA, 111-128.
- Ramesh, V., Jeffrey Parsons, and Glenn Browne, "What is the Role of Cognition in Conceptual Modeling? A Report on the First Workshop on Cognition and Conceptual Modeling," in P.P. Chen, J. Akoka, H. Kangassalo, B. Thalheim (Eds.), *Conceptual Modeling: Current Issues and Future Directions* (Selected papers from the Workshop on Cognition and Conceptual Modeling), Springer-Verlag (Lecture Notes in Computer Science series, Volume 1565), 1999, 272-280.
- Parsons, Jeffrey, Nancy Russo, and Juha-Pekka Tolvanen, "Educating Methodology Researchers: Foundational Research Issues," in N. Jayaratna and B. Fitzgerald (Eds.), *Training and Education of Methodology Practitioners and Researchers*, Springer-Verlag (1999).
- Parsons, Jeffrey, "On The Relevance of Classification Theory to Database Design," in R. Fidel, C. Beghtol, B.H. Kwasnik, and P.J. Smith (Eds.) *Advances in Classification Research: Volume 5*, Medford, NJ: Information Today, Inc., 1996, 131-140.

Refereed Conference Papers

- Parsons, Jeffrey and Yair Wand, "Cognitive Principles to Support Information Requirements Agility," *First International Workshop on Cognitive Aspects of Information Systems Engineering (COGNISE)*, Valencia, Spain, June 2011, forthcoming.
- Lukyanenko, Roman and Jeffrey Parsons, "Reconciling Theories with Design Choices in Design Science Research," *International Conference on Design Science Research in Information Systems and Technology (DESRIST)*, Helsinki, Finland, June 2013, forthcoming.
- Bera, Palash, Pnina Soffer, and Jeffrey Parsons, "How Eye Tracking Can Inform the Design of Conceptual Models for Understanding," *Eleventh SIGSAND Symposium on Research in Systems Analysis and Design*, Provo, Utah, May 2013, forthcoming.
- Lukyanenko, Roman and Jeffrey Parsons, "Is Traditional Conceptual Modeling Becoming Obsolete?" *Eleventh SIGSAND Symposium on Research in Systems Analysis and Design*, Provo, Utah, May 2013, forthcoming.
- Sekhavat, Yoonas and Jeffrey Parsons, "SESM: Semantic Enrichment of Schema Mappings," *International Workshop on Data Engineering meets the Semantic Web*, Brisbane, Australia, April 2013.
- Lukyanenko, Roman and Jeffrey Parsons, "Impact of Conceptual Modeling Approaches on Information Quality: Theory and Empirical Evidence," *International Conference on Information Quality*, Paris, France, November 2012, 5pp.
- Lukyanenko, Roman and Jeffrey Parsons, "Conceptual Modeling Principles for Crowdsourcing," *1st International Workshop on Multimodal Crowd Sensing (CrowdSens 2012)*, CIKM, Maui, HI, October 2012, 3-6.

- Sekhavat, Yoones and Jeffrey Parsons, "Sliced Column-Store (SCS): Ontological Foundations and Practical Applications," *International Conference on Conceptual Modeling*, Florence, Italy, October 2012, 102-115.
- Sekhavat, Yoones A. and Jeffrey Parsons, "Semantic Schema Mapping in the Presence of Property Precedence Relations," *IEEE International Conference on Semantic Computing*, Palermo, Italy, September 2012, 8pp.
- Anwar, Saquib and Jeffrey Parsons, "Agile Domain Modeling for Agile Systems Development – Case Study," *Tenth SIGSAND Symposium on Research in Systems Analysis and Design*, Vancouver, BC, June 2012. 4-15.
- Browne, Glenn, Vijay Khatri, Jeffrey Parsons, and Richard Snodgrass, "The Relationship Between User Requirements and Conceptual Models: Theory and an Empirical Investigation," *Tenth SIGSAND Symposium on Research in Systems Analysis and Design*, Vancouver, BC, June 2012, 24-30.
- Lukyanenko, Roman and Jeffrey Parsons, "Conceptual Modeling in Open-world Domains," *Tenth SIGSAND Symposium on Research in Systems Analysis and Design*, Vancouver, BC, June 2012, 63-68.
- Lukyanenko, Roman and Jeffrey Parsons, "Information Loss in the Era of User-Generated Data," *AIS SigIQ Workshop on Information Quality*, Shanghai, China, December 2011.
- Lukyanenko, Roman and Jeffrey Parsons, "Rethinking Data Quality as an Outcome of Conceptual Modeling Choices," *Proceedings of the International Conference on Information Quality*, Adelaide, Australia, November 2011.
- Lukyanenko, Roman and Jeffrey Parsons, "Unintended Consequences of Class-based Ontological Commitment," *Proceedings of the First International Workshop on Ontologies and Conceptual Modeling*, Brussels, Belgium, November 2011.
- Lukyanenko, Roman and Jeffrey Parsons, "Reconceptualizing Data Quality as an Outcome of Conceptual Modeling Choices," *Ninth SIGSAND Symposium on Systems Analysis and Design*, Bloomington, IN, June 2011.
- Lukyanenko, Roman, Jeffrey Parsons, and Yolanda Wiersma, "Citizen Science 2.0: Data Management Principles to Harness the Power of the Crowd," *International Conference on Design Science Research in Information Systems and Technology (DESRIST)*, Milwaukee, May 2011, 465-473.
- Dobing, Brian, Joerg Evermann, and Jeffrey Parsons, "Understanding the Adoption of Use Case Narratives in the Unified Modeling Language," *International Conference on Information Systems*, December 2010, 19pp.
- Anwar, Saquib and Jeffrey Parsons, "An Ontological Foundation for Agile Modeling with UML," *Americas Conference on Information Systems (AMCIS)*, Lima Peru, August 2010 (poster).
- Parsons, Jeffrey and Jianmin Su, "The Instance-based Multilevel Security Model," *International Conference on Design Science Research in Information Systems and Technology (DESRIST 2010)*, LNCS 6105, St. Gallen, Switzerland, June 2010, 365-380. **[Nominated for best conference paper]**
- Parsons, Jeffrey and Yair Wand, "An Information Processing Model Based on Classification and its Application to Information Systems Architecture," *Proceedings of the Ninth SIGSAND Symposium on Systems Analysis and Design*, St. John's, NL, May 2010, 71-84.
- Parsons, Jeffrey, "Instance-based Data Management – Is it Useful for Biodiversity Informatics Applications?" *International Workshop on Database Challenges in Biodiversity Informatics*, Linz, Austria, September 2009.
- Parsons, Jeffrey and Yair Wand, "Designing Information Systems by Applying Principles of Classification," *Symposium on Research in Systems Analysis and Design*, Richmond, VA, May 2009.

- Chen, Tao and Jeffrey Parsons, "Using Property Precedence to Enhance the Effectiveness of Queries on Unstructured Data," *Workshop on Information Technologies and Systems*, Paris, France, December 2008, 73-78. **[Best Conference Paper Award]**
- Dobing, Brian and Jeffrey Parsons, "Understanding Use Case-Driven Development in the UML," *Symposium on Research in Systems Analysis and Design*, Provo, Utah, May 2008.
- Li, Xueming and Jeffrey Parsons, "An Ontological Metamodel of Classifiers and its Application to Conceptual Modeling and Database Design," *International Conference on Conceptual Modeling (ER Conference)*, Auckland, New Zealand, November 2007, 214-228.
- Li, Xueming and Jeffrey Parsons, "Ontological Semantics for the Use of UML in Conceptual Modelling," *International Conference on Conceptual Modeling (ER Conference)*, Auckland, New Zealand, November 2007, 179-184 (poster paper).
- Dobing, Brian and Jeffrey Parsons, "What Practitioners Are Saying About the Unified Modeling Language," *Information Resources Management Association (IRMA) International Conference*, Vancouver, Canada, May 2007, 12 pp.
- Parsons, Jeffrey and Yair Wand, "Applying Principles of Classification to Conceptual Modeling," *Symposium on Research in Systems Analysis and Design*, Tulsa, OK, May 2007, 29-34.
- Parsons, Jeffrey and Paul Ralph, "Generating Effective Recommendations by Exploiting Viewing Time and Item Attributes," *International Conference on Design Science Research in Information Systems and Technology*, May 2007, 10 pp.
- Allen, Gove and Jeffrey Parsons, "A Little Help Can Be a Bad Thing: Anchoring and Adjustment in Adaptive Query Reuse," *International Conference on Information Systems*, Milwaukee, WI, December 2006, 673-694 **[Nominated for Best Paper]**.
- Parsons, Jeffrey and Jianmin Su, "Analysis of Data Structures to Support the Instance-based Data Model," *International Conference on Design Science Research in Information Systems and Technology*, Claremont, CA, February 2006, 107-130.
- Ralph, Paul and Jeffrey Parsons, "A Framework for Automatic Online Personalization," *Hawaii International Conference on Systems Sciences*, Hawaii, January 2006 10pp. (CD-ROM).
- Dobing, Brian and Jeffrey Parsons, "Current Practices in the Use of UML," in J. Trujillo (Ed.), *Workshop on Best Practices of UML (BP-UML)*, Klagenfurt, Austria, October 2005, 2-11.
- Lu, Shan and Jeffrey Parsons "Enforcing Ontological Rules in UML-based Conceptual Modeling: Principles and Implementation," in T. Halpin, K. Siau, and J. Krogstie (Eds.), *Workshop on Exploring Modelling Methods in Systems Analysis and Design (EMMSAD'05)*, Porto, Portugal, June 2005, 451-462.
- Parsons, J. & Su, J., "Exploiting Instance-based Data Structures with iQL," *Workshop on Information Technologies and Systems*, Washington, DC, December 2004, 206-211.
- Parsons, Jeffrey and Linda Cole, "Understanding Representation Fidelity: A Framework for Experimental Evaluation of Conceptual Modeling Techniques," *Americas Conference on Information Systems (AMCIS'04)*, August 2004, 1684-1693.
- Parsons, Jeffrey, Paul Ralph, and Katherine Gallagher, "Using Viewing Time to Infer User Preference in Recommender Systems," *AAAI'04 Workshop on Semantic Web Personalization (SWP)*, July 2004, 52-63.
- Su, Jianmin and Jeffrey Parsons, "iQL: A Query Language for the Instance-based Data Model," in Lachlan MacKinnon, Albert Burger, and Philip Trinder (Eds.), *British National Conference on Databases(BNCOD'21)*, Volume 2, July 2004, 52-53. Also a software demonstration at the *International Conference on Conceptual Modeling*, Tucson, AZ, November 2006.
- Parsons, Jeffrey and Linda Cole, "Properties of Properties: An Experimental Examination of Property Precedence in Conceptual Modeling," in S. Hartmann and John Roddick (eds.), *Asia-Pacific Conference on Conceptual Modelling*, Conferences in Research and Practice in Information Technology, Volume 31, Dunedin, New Zealand, January 2004, 101-110.

- Parsons, Jeffrey and Yair Wand, "Property-based Semantic Reconciliation of Heterogeneous Information Sources," in S. Spaccapietra, S. March and Y. Kambayashi (Eds.), *International Conference on Conceptual Modeling*, Lecture Notes in Computer Science 2503, Tampere, Finland, 2002, 351-364.
- Parsons, Jeffrey and Yair Wand, "Using Property Precedence to Support Semantic Interoperability," *Workshop on Information Technologies and Systems (WITS 2000)*, Brisbane, Australia, December 2000, 103-108.
- Parsons, Jeffrey, Katherine Gallagher, and Dale Foster, "Messages in the Medium: An Experimental Investigation of Web Advertising Effectiveness and Attitudes toward Web Content," *Hawaii International Conference on Systems Sciences*, Maui, HI, January 2000 (CD-ROM).
- Gallagher, Katherine, Dale Foster, and Jeffrey Parsons, "An Experimental Comparison of the Effectiveness of Print versus Hypertext Advertising," *Annual Conference of the Administrative Sciences Association of Canada (ASAC'99)*, Saint John, NB, June 1999, 116-125.
- Parsons, Jeffrey and Chad Saunders, "Anchoring and Adjustment: Impediments to Reuse in Object-Oriented Programming?" *Workshop on Information Technologies and Systems*, Helsinki, Finland, December 1998, 197-206.
- Foster, Dale and Jeffrey Parsons, "Technology-Mediated Active Learning in Information Systems Development Pedagogy: A Case Study," *Americas Conference on Information Systems*, Indianapolis, IN, August 1997, CD-ROM.
- Gallagher, Katherine and Jeffrey Parsons, "A Framework for Targeting Banner Advertising on the Internet," *Hawaii International Conference on Systems Sciences*, Maui, HI, January 1997 (CD-ROM).
- Parsons, Jeffrey, "An Experimental Investigation of Local versus Global Schemas in Conceptual Data Modeling," *Workshop on Information Technologies and Systems*, Cleveland, OH, December 1996, 61-70.
- Parsons, Jeffrey, "On Experimental Evaluation of Classification in Information Modelling: Local versus Global Schemas," *Workshop on Evaluation of Modelling Methods in Systems Analysis and Design*, Heraklion, Greece, May 1996, 1-10.
- Dobing, Brian and Jeffrey Parsons, "Using the Internet to Simulate Virtual Organizations in MBA Curricula," *Americas Conference on Information Systems*, Pittsburgh, PA, August 1995, 546-548.
- Parsons, Jeffrey, "A Graphical Technique for Modeling Multi-user Data Requirements," *Hawaii International Conference on Systems Sciences: Vol. III*, Maui, HI, January 1995, 273-282.
- Parsons, Jeffrey, "Instance-based Primitives for Data Modeling," *Workshop on Information Technologies and Systems*, Vancouver, Canada, December 1994, 215-224.
- Parsons, Jeffrey, "On the Relevance of Classification Theory to Database Design," *ASIS SIG/CR Classification Research Workshop*, October 1994, Alexandria, VA, 129-138.
- Parsons, Jeffrey, "Multiple Classification and Instance-based Data Modeling," *Workshop on Information Technologies and Systems*, Orlando, FL, December 1993, 67-76.
- Parsons, Jeffrey, "Classification Theory and Metamodeling," *International Summer School on Method Engineering and Metamodeling*, University of Twente, Enschede, Netherlands, May 1993, 28-30 (position paper).
- Parsons, Jeffrey, "A Cognitive Foundation for Evaluating Object-Oriented Analysis Methods," *Hawaii International Conference on Systems Sciences, Vol. IV: Information Systems*, Maui, HI, January 1993, 699-708.
- Parsons, Jeffrey and Yair Wand, "Guidelines for Evaluating Classes in Data Modelling," (with Yair Wand), *International Conference on Information Systems*, Dallas, TX, December 1992, 1-8.
- Parsons, Jeffrey and Yair Wand, "The Object Paradigm - Two for the Price of One?" (with Yair Wand), *Workshop on Information Technologies and Systems*, Cambridge, MA, December 1991, 308-319.

NON-REFEREED CONTRIBUTIONS

Journal Contributions (invited)

Iivari, Juhani, Jeffrey Parsons, and Yair Wand, "Research in Information Systems Analysis and Design: Introduction to the Special Issue," *Journal of the AIS*, 7(8), August 2006, 509-513.

Iivari, Juhani, Jeffrey Parsons, and Alan R. Hevner, "Research in Information Systems Analysis and Design: Introduction to the Special Theme Papers," *Communications of the AIS*, 16, 2005, 810-813.

Parsons, Jeffrey, "Empirical Research in Conceptual Modelling: Using Experiments to Understand Semantic Expression," *Wirtschaftsinformatik*, 47(2), 2005, 155-56,

Parsons, Jeffrey and Yair Wand, "Object Objections: Parsons and Wand Respond," *Communications of the ACM*, 41(6), June 1998, 26 (our response to a letter based on our December 1997 CACM article).

Conference Panels

"A Case Study in Design Science Research for Information Quality," Premier Scholar's Panel on Research Methods for IQ Work (with Allen Lee and Fiona Nah), *ICIS Sig-IQ Workshop on Information Quality*, Shanghai, China, December 2012.

"New Directions for Conceptual Modeling," Panel Chair: Jeffrey Parsons; Panelists: Antoni Olive, Sudha Ram, Gerd Wagner, Yair Wand, Eric Yu, *International Conference on Conceptual Modeling (ER 2011)*, Brussels, Belgium: November 2011.

"State-of-the-Art in Information Systems Research in Canada," Panel Chair: Henri Barki, Izak Benbasat; Panelists: Barrie Nault, Jeffrey Parsons, Blaize Reich, *National Forum on Management*, Ottawa, ON: September 2009.

"Experimental Research on Conceptual Modeling: What Should We Be Doing and Why?," Panel Chair: Geert Poels; Panelists: Andrew Burton-Jones, Andrew Gemino, Jeffrey Parsons, Ramesh Venkataraman, *International Conference on Conceptual Modeling (ER 2006)*, Tucson, AZ, November 2006.

"Systems Analysis and Database: Should we be Researching what we Teach?," Panel Chair: Jeffrey Parsons; Panelists: Akhilesh Bajaj, Dinesh Batra, Alan R. Hevner, Keng Siau, *Americas Conference on Information Systems*, New York, NY, August 2004.

"Information Systems Research Funding in Canada: SSHRC vs. NSERC", Panel Chair: Jeffrey Parsons; Panelists: Deborah Compeau, Marie Emond, Lolan Merklinger, *Conference of the Administrative Sciences Association of Canada: Information Systems Division*, London, ON, May 2001.

"Use Cases in Object-Oriented Analysis: Protecting Users from Objects?," Panel Chair: Jeffrey Parsons; Panelists: Brian Dobing, John Cooke, Jeffrey Parsons, *Conference of the Administrative Sciences Association of Canada: Information Systems Division*, Saskatoon, SK, June 1998.

"What is the Role of Cognition in Conceptual Modeling?," Panel Chair: Ramesh Venkataraman; Panelists: Glenn Browne, Jeffrey Parsons, Sudha Ram, Ramesh Venkataraman, *Workshop on Cognition in Conceptual Modeling* (in conjunction with ER'97), Los Angeles, November 1997.

"Educating Methodology Researchers: Foundational Research Issues," Panel Chair: Jeffrey Parsons; Panelists: Jeffrey Parsons, Nancy Russo, Juha-Pekka Tolvanen, *British Computer Society Conference on Information Systems Methodologies*, Preston, England, August 1997.

"Reengineering Method Engineering," Panel Chair: Keng Siau; Panelists: Lucas Introna, Graham MacLeod, Jeffrey Parsons, and Yair Wand, *Method Engineering*96*, S. Brinkkemper, K.Lyytinen, and R. Welke (Eds.), London: Chapman-Hall, August 1996, Atlanta, GA, p. 318.

- “Conceptual Modeling in Information Systems Development: Should it be Driven by Users' Needs or by Designers' Needs?”, Panel Chair: Dinesh Batra; Panelists: Sjaak Brinkemper, Jeffrey Parsons, Yair Wand, *International Conference on Information Systems*, Amsterdam, Netherlands, December 1995, pp. 364-366.
- “Experimental Research in Systems Development Methodologies: Opportunities and Challenges,” Panel chair: Jeffrey Parsons; Panelists: Ritu Agarwal, Dinesh Batra, Iris Vessey, Yair Wand), *International Conference on Information Systems*, Vancouver, BC, December 1994, pp. 494-496.
- “Foundations of Conceptual Modeling,” Panel Chair: David Monarchi; Panelists: Terrence Barron, Jeffrey Parsons, Yair Wand and Carson Woo, *Workshop on Information Technologies and Systems*, New York, NY, December 1992.

Non-Refereed Conference Presentations

- “Citizen Science 2.0: Overcoming the Participation and Data Quality Tradeoff,” with Roman Lukyanenko and Yolanda Wiersma, *The Difference that makes a Difference Workshop* Milton Keynes, UK, September 2011.
- “An Ontological Foundation for Agile Modeling with UML,” *INFORMS Annual Meeting*, San Diego, CA, November 2009.
- “Effectively Querying Unstructured Data Using Hierarchies of Properties,” with Tao Chen, *Winter Conference on Business Intelligence*, Salt Lake City, UT, February 2009.
- “A System for Recommending Items Based on Viewing-Time-Weighted Preferences for Attributes,” with Katherine Gallagher and Paul Ralph, *Winter Conference on Business Intelligence*, Salt Lake City, UT, March 2008.
- “Addressing Challenges in Inferring Preference from Single-Session Small Data Sets,” with Paul Ralph, *Statistical Challenges in Electronic Commerce Research*, Stamford, CT, May 2007.
- “Classification in Ontology-based Conceptual Modeling: Guidelines and Design Implications,” with Xueming Li, *Symposium on Research in Systems Analysis and Design*, Vancouver, BC, May 2006.
- “UML in Practice: A Survey of UML Use,” with Brian Dohing *Symposium on Research in Systems Analysis and Design*, St. John’s, NL, June 2004.
- “Understanding Representation Fidelity: A Framework for Experimental Evaluation of Conceptual Modeling Techniques,” **Invited Keynote Address**, *International Workshop on Conceptual Modelling Quality*, Chicago, October 2003. Also presented at the *Third Symposium on Research in Systems Analysis and Design*, St. John’s, NL, June 2004
- “Inferring Preferences from Viewing Time: Implications for the Design of Electronic Catalogs,” with Katherine Gallagher and Paul Ralph, *INFORMS Annual Meeting*, San Jose, CA, November, 2002.
- “Crafting a Strong Research Grant Application,” *Doctoral Consortium of the Conference on Advanced Information Systems Engineering*, Toronto, May 2002.
- “Advertising or Content: Does Message Classification Affect Information Processing and Evaluation?” with Katherine Gallagher and Dale Foster, *Society for Consumer Psychology Annual Conference*, Seattle, WA, May 2001.
- “Crafting a Strong Research Grant Application: Notes from the Trenches,” *Atlantic Schools of Business Conference*, Halifax, NS, October 1999.
- “Anchoring and Adjustment: Impediments to Reuse in Object-Oriented Systems Development?” *Conference on Managing Information Technologies*, Oakland University, Rochester, MI, October 1998.
- “Emancipating Instances from Class Tyranny,” *Workshop on Cognition and Conceptual Modeling* (in conjunction with ER’97), Los Angeles, CA, November 1997.

MANUSCRIPTS IN PREPARATION

Sekhavat, Yoones and Jeffrey Parsons, "Ambiguity-free Data Exchange using an Entity Preserving Approach," targeted for submission to *Information Systems*, Spring 2013.

Sekhavat, Yoones and Jeffrey Parsons, "CDI: Configurable Data Integration Using Property Precedence Relations," targeted for submission to *Data and Knowledge Engineering*, Spring 2013.

Chen, Tao and Jeffrey Parsons, "The Implicit Schema of Text: Mapping and Querying the Structure of Documents Using Property Precedence," targeted for submission to *Information Systems Research*, Winter 2013.

Parsons, Jeffrey, Jianmin Su, and Yair Wand, "Exploiting Instance-based Data Structures for Flexible and Effective Data Management," targeted for submission to *MIS Quarterly*, Winter 2013.

AWARDS

University Research Professor, Memorial University of Newfoundland, 2011.

Dean's Research Award, Faculty of Business Administration, Memorial University of Newfoundland, 2009.

Dean's Service Quality Award, Faculty of Business Administration, Memorial University of Newfoundland, March 2008.

Dean's Research Award, Faculty of Business Administration, Memorial University of Newfoundland, 1996.

RESEARCH GRANTS

Using classification principles to improve semantic information integration (Principal Investigator), *Natural Sciences and Engineering Research Council of Canada* (April 2010 – March 2014: \$100,000)

Empirical Evaluation of Classification Guidelines in Conceptual Modeling (Co-Investigator, with Yair Wand, PI), *Social Sciences and Humanities Research Council of Canada* (April 2009 – March 2014: \$88,300)

Improving Analysis and Design of Information Systems (Co-Investigator, with Andrew Gemino, PI, and Drew Parker, Co-I), *Social Sciences and Humanities Research Council of Canada* (April 2009 – March 2010: \$64,360)

A Study of "Agile" Practices in Using the Unified Modeling Language (Principal Investigator), *Social Sciences and Humanities Research Council of Canada* (April 2008 – March 2013: \$57,088)

Information Integration Using Principles of Classification (PI), *Natural Sciences and Engineering Research Council of Canada* (April 2009 – March 2010: \$15,000)

Using Classification Principles to Support Semantic Integration in Information Engineering (PI), *Natural Sciences and Engineering Research Council of Canada* (April 2007 – March 2009: \$40,000)

Property-based Semantic Reconciliation of Heterogeneous Information Sources (PI), *Natural Sciences and Engineering Research Council of Canada* (April 2002 – March 2006: \$92,000)

Enhancing UML for Object-oriented Systems Analysis and Design: Theoretical Development and Empirical Evaluation (PI), *Social Sciences and Humanities Research Council of Canada* (April 2002 – March 2006: \$84,000)

Advertising or Content? Toward a Message Classification Model (Co-investigator), *Vice-President's Research Grant (Memorial University of Newfoundland)*, (April 2004: \$3,169.35)

Empirical Evaluation and Extension of UML Techniques for Object-Oriented Systems Analysis and Design (PI), *SSHRC General Research Grant (Memorial University of Newfoundland)*, (June 2001: \$15,400

Efficiency and Usability in an Instance-based Database Management System (PI), *Natural Sciences and Engineering Research Council of Canada*
(April 1998 – March 2002: \$66,880)

Empirical Evaluation of Information Modeling Techniques from the Perspective of Classification Theory (PI), *Social Sciences and Humanities Research Council of Canada*, (April 1997 - March 2001: \$52,150)

Empirical Evaluation of a Classification Theory Based System Analysis Methodology (PI),
Social Sciences and Humanities Research Council of Canada, (April 1992 - March 1997: \$32,000)

A Methodology and Tools for Instance-based Information Modelling (PI)
Faculty of Business Administration Associates Fund & Natural Sciences and Engineering Research Council of Canada, (September 1993 - August 1996: \$5,000 & April 1995 to March 1998: \$20,000)

Print versus Hypertext: An Experimental Study of Advertising Effectiveness (Co-investigator) *Social Sciences and Humanities Research Council of Canada*, MUN General Grant
(April 1997 – December 1999: \$2,900)

TEACHING INTERESTS

Data Management, Systems Analysis and Design, Business Programming, Electronic Commerce

TEACHING EXPERIENCE

Data and Process Models in Information Systems Development (Memorial University of Newfoundland, 2009): A PhD seminar examining current research in data and process modeling.

Systems Analysis and Design (Memorial University of Newfoundland, 1998 - 2003): A senior elective course in object-oriented requirements analysis, information systems design, and project management.

Data Management (The University of Pennsylvania [Wharton], Fall 1995; Memorial University of Newfoundland, 1996 – 2004, 2009): A senior elective course in database design, implementation and administration.

Information Systems (Memorial University of Newfoundland, 1996-2000): An introductory course focusing on information systems within the organization, and emphasizing transaction processing and systems development.

Managing Information Technology (Memorial University of Newfoundland: Winter 1995, 1996, 1997, 1998, 2003, 2005): A graduate seminar/case course for first year MBA students.

Business Computing Languages (The University of Pennsylvania [Wharton], Fall 1995): A senior undergraduate course for Information Systems Majors

Information Systems Analysis and Design (University of Manitoba, 1991, 1992): A senior elective course in systems development methodology.

Introduction to Management Information Systems (Memorial University of Newfoundland, 1993 - 1995; University of Manitoba, 1991-1993; University of British Columbia, 1989): Survey course to second, third, and final year undergraduates.

Introduction to Management Science (Teaching Assistant) (Memorial University of Newfoundland, 1984)

OTHER SCHOLARLY ACTIVITIES AND SERVICE

Information Systems Academic Community Leadership

Editorial Responsibilities

Senior Editor, *Journal of the Association for Information Systems*, June 2007 – December 2014.

Associate Editor, *Information Technology and Management*, from January 2013.

Associate Editor, *Information Systems Research*, January 2008 – December 2010.

Guest Associate Editor, *MIS Quarterly*, 2009, 2010, 2011.

Associate Editor, *Twenty-Ninth International Conference on Information Systems (Design Theory and Research Track & Alternative Systems Development Track)*, Paris, France, December 2008.

Track Co-chair, *International Conference on Information Systems (Information Systems Development Track)*, Montreal, Canada, December 2007.

Guest Editor, *Journal of the Association for Information Systems/Communications of the Association for Information Systems*, Special Joint Theme Issue on Research in Systems Analysis and Design, JAIS issue published Summer 2006 – CAIS issue published December 2005
<http://cais.isworld.org/articles/default.asp?vol=16&art=40>.

Associate Editor, *Twenty-Seventh International Conference on Information Systems (Design Science Track & Alternative Approaches to Information Systems Development Tracks)*, Milwaukee, WI, December 2006.

Associate Editor, *Twenty-Sixth International Conference on Information Systems (Software Development Track)*, Las Vegas, NV, December 2005.

Associate Editor, *European Conference on Information Systems (Systems Development Track)*, Regensburg, Germany, May 2005.

Editorial Review Board Member, *Journal of the Association for Information Systems*, July 2002-present.

Associate Editor, *Twenty-Fifth International Conference on Information Systems (Information Systems Development Track)*, Las Vegas, NV, December 2005.

Associate Editor, *Twenty-Fourth International Conference on Information Systems (Individuals, Teams, and Virtual Communities Track)*, Seattle, WA, December 2003.

Associate Editor, *Twenty-Third International Conference on Information Systems (Architecture, Systems, and Infrastructure Track)*, Barcelona, Spain, December 2002.

Associate Editor, *Twenty-Second International Conference on Information Systems*, New Orleans, Louisiana, December 2001.

Editorial Review Board Member, *Journal of Database Management*, 2000-present, 1994 – 1997.

Special Guest Associate Editor, *Information Systems Research*, 2000.

Editorial Review Board Member, *Information Systems Review*, 1999-2001.

Academic Association Leadership

President, *Workshop on Information Technologies and Systems*, 2010-2012.

Steering Committee Member, *International Conference on Conceptual Modeling*, 2010-2014.

Conference Organization

Program Co-Chair (with Peretz Shoval, Ben-Gurion University and Motoshi Saeki, Tokyo Institute of Technology), *International Conference on Conceptual Modeling (ER Conference)*, Vancouver, Canada, October 2010.

Program Co-Chair (with Yufei Yuan, McMaster University), *Americas Conference on Information Systems (AMCIS)*, Toronto, Canada, August 2008.

Symposium Organizer, *Ninth Symposium on Systems Analysis and Design Research*, St. John's, NL, 2010.

Symposium Co-organizer (with Dinesh Batra, Florida International University, Ramesh Venkataraman, Indiana University), *Third Symposium on Systems Analysis and Design Research*, St. John's, NL, 2004.

Symposium Co-organizer (with Dinesh Batra, Florida International University, Ramesh Venkataraman, Indiana University; Yair Wand, University of British Columbia), *Second Miami Symposium on Systems Analysis and Design Research*, Miami, FL, 2003.

Symposium Co-organizer (with Dinesh Batra, Florida International University, Ramesh Venkataraman, Indiana University; Yair Wand, University of British Columbia), *First Miami Symposium on Systems Analysis and Design Research*, Miami, FL, March 2002.

Conference Co-chair (with Olivia Sheng, University of Arizona), *Eleventh Workshop on Information Technologies and Systems*, New Orleans, LA, December 2001.

Program Co-Chair, *Twenty-Ninth Annual Atlantic Schools of Business Conference, Information Systems Division*, Halifax, NS, October 1999.

Program Co-Chair, *Workshop on Cognition and Conceptual Modeling* (affiliated with ER'97), Los Angeles, CA, November 1997.

Division Chair, Information Systems, Administrative Sciences Association of Canada, 1997-98.

Program Chair, *Information Systems Division, 1997 Administrative Sciences Association of Canada Annual Conference (ASAC'97)*, St. John's, NF (also Editor of *Proceeding, IS Division*).

Program Committee Membership

International Workshop on Modeling and Management of Big Data (MoBiD)
Hong Kong, China, November 2013.

International Symposium on Rules (RuleML)
Seattle, USA, July 2013; Montpellier, France, August 2012; Fort Lauderdale, USA, November 2011.

International Symposium on Rules (RuleML), Doctoral Consortium
Fort Lauderdale, USA, November 2011.

International Workshop on Modeling and Reasoning for Business Intelligence (More-BI)
Brussels, Belgium, October 2011.

International Workshop on Ontologies and Conceptual Modeling (OntoCom)
Hong Kong, China, November 2013; Brussels, Belgium, October 2011.

Workshop on Experiences and Empirical Studies in Software Modelling (EESMod)
Wellington, New Zealand, October 2011.

International Conference on Data Warehousing and Knowledge Discovery (DaWAK)
Prague, Czech Republic, August 2013; Toulouse, France, September 2011.

International Workshop on Vocabularies, Ontologies and Rules for the Enterprise (VORTE)
 Vancouver, Canada, September 2013; Beijing, China, September 2012; Helsinki, Finland,
 September, 2011;

Conference on Advanced Information Systems Engineering (CAiSE),
 London, England, June 2011; Hammamet, Tunisia, June 2010; Amsterdam, Netherlands, June
 2009; Montpellier, France, June 2008; Trondheim, Norway, 2007; Porto, Portugal, June 2006;
 Toronto, ON, May 2002.

International Workshop on Evaluating Novel Approaches in Software Engineering (ENASE),
 Beijing, China, 2011; Milan, Italy, May 2009; Madeira, Portugal, May 2008; Regensburg,
 Germany, September 2007; Erfurt, Germany, September 2006.

International Conference on Conceptual Modelling (ER Conference),
 Hong Kong, China, November 2013; Florence, Italy, October 2012; Brussels, Belgium, October
 2011; Gramado, Brazil, November 2009; Barcelona, Spain, November 2008; Auckland, New
 Zealand, November 2007; Tucson, AZ, November 2006.

International Workshop on Foundations and Practices of UML (FP-UML)
 Brussels, Belgium, November 2011; Vancouver, Canada, November 2010; Barcelona, Spain,
 November 2008; Auckland, New Zealand, November 2007; Tucson, AZ, November 2006;
 Klagenfurt, Austria, October 2005.

International Workshop on Quality of Information Systems
 Auckland, New Zealand, November 2007; Tucson, AZ, November 2006; Klagenfurt, Austria,
 October 2005.

International Conference on Design Science Research in Information Systems and Technology
 Milwaukee, USA, May 2011; St. Gallen, Switzerland, June 2010; Philadelphia, PA, May 2009;
 Atlanta, GA, May 2008; Pasadena, CA, May 2007; Claremont, CA, February 2006.

Workshop on Information Technologies and Systems
 Milan, Italy, December 2013; Orlando, USA, December 2012 (Senior PC Member); Shanghai,
 China, December 2011 (Senior PC Member); St. Louis, USA, December 2010; Phoenix, USA,
 December 2009; Paris, France, December 2008; Montreal, Canada, December 2007; Milwaukee,
 WI, December 2006; Las Vegas, NV, December 2005; Washington, DC, December 2004; Seattle,
 WA, December 2003; Barcelona, Spain, December 2002; Brisbane, Australia, December 2000;
 Charlotte, NC, December 1999; Helsinki, Finland, December 1998; Vancouver, BC, December
 1994; Orlando, FL, December 1993.

Workshop on Web Information Systems Engineering (WISE)
 Brisbane, Australia, November 2004; Rome, Italy, December 2003.

INFORMS Computing Society Conference
 Pheonix, Arizona, January 2003.

INFORMS Conference on Information Systems and Technology
 Atlanta, GA, November 2003; San Jose, CA, November 2002; Miami Beach, FL, November 2001.

International Workshop on Conceptual Modeling Quality (with ER'02)
 Chicago, IL, October 2003; Tampere, Finland, October 2002.

IFIP 8.2 Working Conference on Information Systems Methodologies
 Boise, Idaho, July 2001.

Workshop on the Evaluation of Modeling Methods in Systems Analysis and Design
 Trondheim, Norway, June 2007; Luxembourg, June 2006; Porto, Portugal, June 2005; Riga,
 Latvia, June 2004; Velden, Austria, May 2003; Toronto, ON, June 2002; Interlaken, Switzerland,
 June 2001; Stockholm, Sweden, June 2000; Heidelberg, Germany, June 1999; Pisa, Italy, June
 1998.

International Conference on Information Systems
 Charlotte, North Carolina, December 1999; Atlanta, GA, December 1997

International Conference on Conceptual Modeling
Singapore, November 1998; Los Angeles, CA, November 1997.

Granting Council Committee Membership

Standard Research Grants Adjudication Committee (Committee 29), Social Sciences and Engineering Research Council of Canada, 2011,
Insight Grants Adjudication Committee (Innovation, Leadership & Prosperity), Social Sciences and Engineering Research Council of Canada, 2012, 2013.
Strategic Network Grant Review Panel (Business Intelligence Network), Natural Sciences and Engineering Research Council of Canada, **Chair**: 2008
Discovery Accelerator Supplement Grant Selection Committee Member, Natural Sciences and Engineering Research Council of Canada, **Chair**: 2007, 2008.
Industrial Engineering Grant Selection Committee Member, Natural Sciences and Engineering Research Council of Canada, 1998-2001, **Chair**: 2000-2001.
Engineering and Physical Sciences Research Council (UK): Peer Review College Member, 2003-2006.

Doctoral Consortia Involvement

Faculty Mentor, *Doctoral Consortium of the Americas Conference on Information Systems*, Chicago, IL, August 2013.
Faculty Mentor, *Doctoral Consortium of the International Conference on Information Systems*, Phoenix, AZ, December 2009.
Accompanying Faculty, *Doctoral Consortium of the Conference on Advanced Information Systems Engineering (CAISE'03) Doctoral Consortium*, Velden, Austria, May 2003.
Accompanying Faculty, *Doctoral Consortium of the Conference on Advanced Information Systems Engineering (CAISE'02) Doctoral Consortium*, Toronto, Canada, May 2002.
Best Dissertation Award Competition Judge, *Sixteenth International Conference on Information Systems*, Amsterdam, NL, December 1995.
Participant, *Doctoral Consortium of the Tenth International Conference on Information Systems*, Boston, MA, December 1989.

Awards Committee Membership

Chair, Best Paper Awards Committee, *Workshop on Information Technologies and Systems*, 2012.
Member, Best Dissertation Awards Committee, *International Conference on Information Systems (ICIS)*, St. Louis, Missouri, 2010.
Chair, Best Paper Awards Committee, *Workshop on Information Technologies and Systems (WITS)*, Phoenix, Arizona, 2009.
Chair, Best Paper Awards Committee, *Design Science Research in Information Systems and Technology Conference (DESRIST)*, Philadelphia, USA, 2009.

Management Information Systems Academic Reviewing (ongoing)

Communications of the ACM; Management Science; MIS Quarterly; Information Systems Research; IEEE Transactions on Software Engineering; IEEE Software; Journal of Management Information Systems; Organization Science; Data and Knowledge Engineering; European Journal of Information Systems; Journal of the Association for Information Systems; Journal of Database Management; Decision Support

Systems; IBM Systems Journal; Journal of Organizational Computing; International Journal of Human-Computer Studies; Data Base; Canadian Journal of Administrative Sciences; Information Systems Review; Information Systems.

International Conference on Conceptual Modeling; Workshop on the Evaluation of Modeling Methods in Systems Analysis and Design; Workshop on Information Technologies and Systems; Hawaii International Conference on Systems Sciences; International Conference on Information Systems; Administrative Sciences Association of Canada Annual Meeting; AIS Americas Conference on Information Systems.

Research grant applications: Natural Sciences and Engineering Research Council of Canada (NSERC) and Social Sciences and Humanities Research Council of Canada (SSHRC).

Graduate Student Supervision (* indicated graduated)

Ph.D. Thesis Supervisor, Roman Lukyanenko (conceptual modeling and information quality), Memorial University of Newfoundland, September 2010 – present.

Ph.D. Thesis Supervisor, Tao Chen, (information integration), Memorial University of Newfoundland, September 2010 – present.

Ph.D. Thesis Supervisor, Yoones Sekhvat, Computer Science (data management), Memorial University of Newfoundland, September 2009 – present.

Ph.D. Thesis Supervisor, Saquib Anwar, Information Systems (conceptual modeling), Memorial University of Newfoundland, September 2009 – present.

Ph.D. Thesis Supervisor, Yawar Sherwani, Computer Science (Semantic Web), Memorial University of Newfoundland, September 2004 – December 2008.

Ph.D. Thesis Supervisor, Jianmin Su, Computer Science (database systems), Memorial University of Newfoundland, September 2003 – May 2011.*

Ph.D. Thesis Supervisor, Xueming Li, Computer Science (software engineering), Memorial University of Newfoundland, April 2003 – September 2007.*

Ph.D. Committee member of James Nelson, a doctoral student in Information Systems at the University of Colorado, Boulder, 1993-1998.*

M.Sc. Thesis Supervisor, Momeneh Taban, Computer Science (information integration), Memorial University of Newfoundland, September 2011 – present.

M.Sc. Project Supervisor, Alejandro Chavez, Computer Science (recommender systems), Memorial University of Newfoundland, September 2009 – August 2012.*

M.Sc. Thesis Supervisor, Tao Chen, Computer Science (Semantic Web), Memorial University of Newfoundland, September 2005 – December 2008.*

M.Sc. Thesis Supervisor, Sharon Koubi, Computer Science (Semantic Web), Memorial University of Newfoundland, September 2003 – December 2003.

M.Sc. Thesis Supervisor, Shan Lu, Computer Science (software engineering), Memorial University of Newfoundland, September 2002 – August 2005.*

M.Sc. Thesis Supervisor, Jianmin Su, Computer Science (database systems), Memorial University of Newfoundland, January 2001 – August 2003.*

MBA Research Project Supervisor, Chad Saunders, Memorial University of Newfoundland, 1997.*

B.Sc. Honours Thesis Supervisor, Jonathan Anstey, Computer Science, Memorial University of Newfoundland, May 2003 – August 2003.*

B.Sc. Honours Thesis Supervisor, Siu-ki Leung, Computer Science, Memorial University of Newfoundland, September 1993 – May 1994.*

Service to University Community

Academic Council Executive, School of Graduate Studies, 2010-2011; 2011-2012.
Academic Council, School of Graduate Studies, 2009-2010; 2010-2011; 2011-2012.
CFI-LEF/NIF Internal Advisory Committee, Memorial University of Newfoundland, 2012.
Advisory Committee, Appointment of Chair in Corporate Governance and Transparency, Faculty of Business Administration, Memorial University of Newfoundland, 2012.
University Research Professor Selection Committee, Memorial University, 2010; 2012.
Awards and Medals Committee, School of Graduate Studies, Memorial University of Newfoundland, 2009-10; 2010-2011.
Search Committee for the Dean of the Faculty of Business Administration, Memorial University of Newfoundland, 2008-09.
Search Committee for the University Librarian, Memorial University of Newfoundland, 2007.
Review Committee for the Dean, Faculty of Business Administration, Memorial University of Newfoundland, 2007.
Memorial University Conflict of Interest Policy Drafting Committee, 2006.
President's Award for Outstanding Research Selection Committee, Memorial University, 2006.
Centre for Management Development Review Committee, Faculty of Business Administration, Memorial University, 2005-06.
Ph.D. Program Proposal Committee, Faculty of Business Administration, Memorial University, 2004-05 (Chair).
Ph.D. Program Feasibility Evaluation Committee, Faculty of Business Administration, Memorial University, 2003-04 (Chair).
University Research Professor Selection Committee, Memorial University, 2003.
Search Committee, Dean of School of Graduate Studies, Memorial University, 2002.
Advisory Board, Faculty of Business Administration, Memorial University, 2001-2006.
Committee on Graduate Studies, Faculty of Business Administration, Memorial University, 2001-02.
Search Committee, Faculty of Business Administration, Memorial University, 2002-2003; 2001-2002 (Chair); 1999-2000 ; 1996-98 (Chair: 1997-98); 1994-95.
Search Committee, Head of Department of Computer Science, Memorial University, 2000.
Senate Committee on Research: Subcommittee to select recipients of President's Award for Outstanding Research, Memorial University of Newfoundland, 2000 (Chair); 1995
Senate Committee on Research, Memorial University, 1997-2000; 1994-95.
Special committee to evaluate a program in Software Engineering proposed by the Department of Computer Science, Memorial University, 1996-1997.
Committee on Enrolment, Memorial University, September 1996-99.
Academic Council, School of Grad. Studies, Memorial University, 1995-97.
Faculty Research Committee, Faculty of Business Administration, Memorial University, 2003-06; 1993-95.
Computing Committee member, Faculty of Business Administration, 1994-97.
Computing Committee member, Faculty of Management, University of Manitoba, May 1992 – June 1993.

Last Updated: March 31, 2013