Relevant Publications Co-authored by Members of Management Team

- *Artificial Intelligence: Foundations of Computational Agents* (Second Edition), David Poole and Alan Mackworth – Authors; Cambridge University Press, 760 pages. In press July, 2017.

- "Statistical Relational Artificial Intelligence: Logic, Probability, and Computation" Luc De Raedt, Kristian Kersting, Sriraam Natarajan, David Poole – Editors; Morgan & Claypool, 190pp. 2016.

- "Probabilistic Reasoning with Undefined Properties in Ontologically-Based Belief Networks" Chia-Li Kuo, David Buchman, Arzoo Katiyar and David Poole, in *Proc. 23rd International Joint Conference on Artificial Intelligence* (IJCAI-2013), Beijing, pp. 2532-2539. August, 2013.

- "Logic, Probability and Computation: Foundations and Issues of Statistical Relational AI" David Poole, invited paper, *11th International Conference on Logic Programming and Nonmonotonic Reasoning*, Vancouver, May 2011.

- *Artificial Intelligence: Foundations of Computational Agents*, David Poole and Alan Mackworth – Authors; Cambridge University Press, 682 pages. 2010.

- "A Framework for Ontologically-Grounded Probabilistic Matching" Rita Sharma, David Poole and Clinton Smyth, *International Journal of Approximate Reasoning*, 51(2), 240-262, January 2010.

- "Ontology Design for Scientific Theories That Make Probabilistic Predictions" David Poole, Clinton Smyth and Rita Sharma; *IEEE Intelligent Systems*, vol. 24, no. 1, pp. 27-36, Jan./Feb. 2009.

- "Hazardmatch: An Application of Artificial Intelligence to Landslide Susceptibility Mapping, Howe Sound Area, British Columbia" Jackson Jr, Lionel E., Clinton P. Smyth, and David Poole in *4th Canadian Conference on Geohazards*. 2008.

- "Semantic Science: Ontologies, Data and Probabilistic Theories" David Poole, Clinton Smyth and Rita Sharma in *Uncertainty Reasoning for the Semantic Web I*; Springer, October, 2008.

- "Semantic e-Science and Geology" Clinton Smyth, David Poole and Rita Sharma, *Association for the Advancement of Artificial Intelligence Workshop on e-Science*, 2007.

- "Representing and Reasoning with Intervals" Erica Huang, Clinton Smyth and David Poole. *Annual Conference of the International Association for Mathematical Geology*, 2005.

- "Type Uncertainty in Ontologically-Grounded Qualitative Probabilistic Matching" David Poole and Clinton Smyth, *Eighth European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty* (ECSQARU-2005), Barcelona, July 2005.

- "Qualitative Probabilistic Matching with Hierarchical Descriptions" Clinton Smyth and David Poole, *Ninth International Conference on Principles of Knowledge Representation and Reasoning* (KR-2004), Whistler, June, 2004.

- "Expert System-Assisted Interpretation of Multi-Element Geochemical Borehole Profiles" 1985 MSc. Thesis (Computing), Imperial College, London.