
▶ James A. McCart, PhD

Research Health Science Specialist

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Education

Doctor of Philosophy, *University of South Florida*, Tampa, FL (2005 – 2009)

- ▶ Business Administration: Management Information Systems

Master of Science, *University of South Florida*, Tampa, FL (2004 – 2006)

- ▶ Management Information Systems

Bachelor of Science, *Purdue University*, West Lafayette, IN (1998 – 2002)

- ▶ Information Systems

AMIA 10x10 Certificate, *Oregon Health & Science University* (2011)

- ▶ Healthcare Informatics

Research

Journal Articles

- ▶ **McCart JA**, Berndt DJ, Jarman J, Finch DK, and Luther SL (2012). Finding Falls in Ambulatory Care Clinical Documents using Statistical Text Mining. *Journal of the American Medical Informatics Association*. 20, 906-914. doi:10.1136/amiajnl-2012-001334.
- ▶ **McCart JA**, Padmanabhan B, and Berndt DJ (2013). Goal Attainment on Long Tail Web Sites: An Information Foraging Approach. *Decision Support Systems*, 55, 235-246.
- ▶ **McCart JA**, Finch DK, Jarman J, Hickling E, Lind JD, Richardson MR, Berndt DJ, and Luther SL (2012). Using Ensemble Models to Classify the Sentiment Expressed in Suicide Notes. *Biomedical Informatics Insights*, 5(Suppl. 1), 77-85.
- ▶ Kayhan VO, **McCart JA**, and Bhattacharjee A (2010). Cross-bidding in Simultaneous Online Auctions: Antecedents and Consequences. *Information and Management*, 47(7-8), 325-332.
- ▶ Kayhan VO, **McCart JA**, and Bhattacharjee A (2009). An Empirical Study of Crosslisting in Online Auctions. *Journal of Computer Information Systems*, 49(3), 76-80.

- ▶ **McCart JA**, Kayhan VO, and Bhattacharjee A. (2009). Cross-bidding in Simultaneous Online Auctions: Bidder Characteristics and Outcomes. *Communications of the ACM*, 52(5), 131-134.
- ▶ **McCart JA** and Jarman J (2008). A Technological Tool to Detect Plagiarized Projects in Microsoft Access. *IEEE Transactions on Education*, 51(2), 166-173.

Grants

- ▶ Using Information from the EHR to Monitor Adherence to mTBI Practice Guidelines
 - ▶ Principal Investigator: McCart JA
 - ▶ Funding Source: VA QUERI Rapid Response Project 12-450
 - ▶ Date: 2013-2014
 - ▶ Amount: \$149,952
 - ▶ Role: **Principal Investigator**

- ▶ Leveraging EHR Information to Measure Pressure Ulcer Risk in Veterans with SCI
 - ▶ Principal Investigator: Luther SL
 - ▶ Funding Source: VA HSR&D Investigator Initiated Research Program 12-064
 - ▶ Date: 2013-2016
 - ▶ Amount: \$1,029,300
 - ▶ Role: **Co-Investigator**

- ▶ Ontology-enhanced Information Retrieval to Improve Clinical Practice
 - ▶ Principal Investigator: McCart JA
 - ▶ Funding Source: VA HSR&D Pilot Program 10-266
 - ▶ Date: 2011-2012
 - ▶ Amount: \$98,800
 - ▶ Role: **Principal Investigator**

Conference Proceedings

- ▶ Berndt DJ, Lasa R, and **McCart JA** (2012). SiteWit Corporation: SQL or NoSQL that is the Question. *Proceedings of the 2012 International Conference on Information Systems (ICIS)*, December 16-19, Orlando, FL.
- ▶ Berndt DJ, **McCart JA**, and Luther SL (2010). Using Ontology Network Structure in Text Mining. *Proceedings of the American Medical Informatics Association (AMIA) Annual Symposium*, November 13-17, Washington, DC.
- ▶ **McCart JA**, Berndt DJ, Padmanabhan B, and Jones JL (2009). Goal Attainment on Long Tail Websites: An Information Foraging Approach. *Proceedings of the 15th Americas' Conference on Information Systems (AMCIS)*, August 6-9, San Francisco, CA.
- ▶ **McCart JA**, Jones JL, Padmanabhan B, and Berndt DJ (2008). Identifying Valuable Information Patches on Long Tail Sites: An Information Foraging Perspective. *Proceedings of the 18th Workshop on Information Technology and Systems (WITS)*, December 13-14, Paris, France.
- ▶ Jarman J, **McCart JA**, Berndt DJ, and Ligatti J (2008). A Dynamic Query Rewriting Mechanism for Role-based Access Control in Databases. *Proceedings of the 14th Americas' Conference on Information Systems (AMCIS)*, August 14-17, Toronto, ON, Canada.
- ▶ **McCart JA**, Berndt DJ, and Watkins A (2007). Using Genetic Algorithms for Software Testing: Performance Improvement Techniques. *Proceedings of the 13th Americas' Conference on Information Systems (AMCIS)*, August 9-12, Keystone, CO, USA.

Conference Posters / Abstracts

- ▶ McCart JA, Berndt DJ, Foulis F, Martinello RA, and Luther SL (2013). Evaluating Information-Retrieval Approaches on Heterogeneous Clinical Notes. *AMIA 2013 Annual Symposium*, November 18-20, Washington DC.

- ▶ **McCart JA**, Berndt DJ, Finch DK, Jarman J, and Luther SL (2012). Using Statistical Text Mining to Identify Falls in VHA Ambulatory Care Data. *AMIA 2012 Annual Symposium*, November 3-7, Chicago, IL.
- ▶ Jarman J, **McCart JA**, Luther SL, and Berndt D (2012). Automated Rule Development Using Text Mining. *AMIA 2012 Annual Symposium*, November 3-7, Chicago, IL.
- ▶ Gobbel FT, Reeves R, Jayaramaraja S, Eden SK, Fitzhenry F, Speroff T, Brown SH, Luther SL, Zirkle M, Finch DK, **McCart JA**, and Matheny ME (2012). Evaluation of the RapTAT Automated Annotations System for Identifying Post-Traumatic Stress Disorder-Related Concepts in Clinical Notes. *AMIA 2012 Annual Symposium*, November 3-7, Chicago, IL.
- ▶ **McCart JA**, Finch DK, Jarman J, and Luther SL (2012). Identifying Fall-Related Injuries Using Statistical Text Mining: A Preliminary Analysis. *Health Services Research and Development (HSR&D) National Meeting*, July 16-19, National Harbor, MD.
- ▶ **McCart JA**, Finch DK, Jarman J, Hickling E, Lind JD, Richardson MR, Berndt DJ, and Luther SL (2011). Using Ensemble Models to Classify the Sentiment Expressed in Suicide Notes. *Fifth i2b2/VA/Cincinnati Shared-Task Workshop*, October 21-22, Washington DC.
- ▶ **McCart JA**, Jarman J, and Matheny ME (2011). TrANEMap: A Fast Tree-based Named Entity Recognition Engine. *AMIA 2011 Annual Symposium*, October 22-26, Washington DC. (**Distinguished Poster Award**)
- ▶ Jarman J, Luther SL, **McCart JA**, and Berndt DJ (2011). Combining Natural Language Processing and Statistical Text Mining: Classifying Fall-related Progress Notes. *Health Services Research and Development (HSR&D) National Meeting*, February 16-18, National Harbor, MD.

Workshops / Tutorials

- ▶ **McCart JA**, Jarman J, Finch DK, and Luther SL (2011). An Introductory Look at Statistical Text Mining for Health Services Researchers. *Health Services Research and Development (HSR&D) National Meeting*, February 16-18, National Harbor, MD.

Teaching

- ▶ 2013 – Advanced Database Management (ISM 6218), University of South Florida
- ▶ 2011 – Database Administration (ISM 6217), University of South Florida
- ▶ 2010 – Business Data Communications (ISM 4220), University of South Florida
- ▶ 2008 - 2009 – Global Information Systems (ISM 4382), University of South Florida
- ▶ 2007 - 2008 – Web Application Development / Java (ISM 4141), University of South Florida

Experience

- ▶ 2010 – 2011, Present – Adjunct Instructor, *University of South Florida*, Tampa, FL
- ▶ 2009 - Present – Research Health Science Specialist, *James A. Haley Veterans' Hospital*, U.S. Department of Veterans Affairs, Tampa, FL
- ▶ 2009 – Research Assistant, *James A. Haley Veterans' Hospital*, U.S. Department of Veterans Affairs, Tampa, FL
- ▶ 2006 - 2009 – Graduate Research Assistant / Teaching Associate, *University of South Florida*, Tampa, FL
- ▶ 2004 - 2005 – Graduate Teaching Assistant, *University of South Florida*, Tampa, FL
- ▶ 2003 - 2004 – Owner / Developer, *MCCA Consulting*, Punta Gorda, FL
- ▶ 2002 – Programmer, *Purdue University*, West Lafayette, IN
- ▶ 2000 - 2001 – Programmer, *Bioscope Initiative*, West Lafayette, IN

Service

- ▶ 2013 – Reviewer, Decision Support Systems (DSS)
- ▶ 2012 - 2013 – Reviewer, eHealth Quality Enhancement Research Initiative (QUERI)
- ▶ 2012 - 2013 – Reviewer, European Conference on Information Systems (ECIS)
- ▶ 2010 - 2013 – Reviewer, Information Systems Research (ISR)
- ▶ 2009 - 2010 – Reviewer, Hawaii International Conference on Systems Science (HICSS)
- ▶ 2009 – Reviewer, Americas' Conference on Information Systems (AMCIS)
- ▶ 2008 - 2009, 2012 – Reviewer, International Conference on Information Systems (ICIS)
- ▶ 2007 - 2008 – Reviewer, Decision Sciences Journal of Innovative Education

Awards and Honors

- ▶ 2011 – Distinguished Poster Award – AMIA 2011 Annual Symposium
- ▶ 2009 – University of South Florida, College of Business Research Award
- ▶ 2009 – Phi Kappa Phi Honor Society (all discipline honor society)
- ▶ 2008 – International Conference on Information Systems (ICIS) Doctoral Consortium
- ▶ 2008 – Americas' Conference on Information Systems (AMCIS) Doctoral Consortium
- ▶ 2006 – Beta Gamma Sigma Honor Society (business honor society)
- ▶ 2005 - 2006 – University Graduate Fellowship