

Khaled Hassanein

June 2015

Biography

Dr. Khaled Hassanein is a Professor of Information Systems, Chair of the Information Systems Area, and Director of the McMaster eBusiness Research Centre at the DeGroote School of Business, McMaster University. He is a seasoned administrator with extensive experience on many faculty and university-wide committees. At DeGroote he is currently a member of the Dean's Advisory Board, the MBA Program Development Committee, and the EMBA Core Design Committee. At McMaster, he currently serves or has previously served on several key committees related to the research and financial enterprises of the university. Between 2009 and 2011 he chaired the task force on the development of an activity based budget model for McMaster - a complex undertaking involving an extensive consultative process that culminated in the successful release and implementation of a new budget model designed to enhance McMaster's academic mission. Having been educated in the Engineering, Health and Social Science disciplines and having conducted research in all of those fields, he is a genuine believer in the value of interdisciplinary research and education. Dr. Hassanein has led several interdisciplinary teams on strategic research grants involving faculty members from across McMaster and other universities. He has also served on the development and/or administration of several innovative interdisciplinary programs including the Engineering Management program with the Faculty of Engineering and the M.Sc. eHealth program with the Faculties of Health Sciences and Engineering.

Dr. Hassanein's main research interests lie in the areas of technology adoption of e-Commerce, m-Commerce, and e-Health applications; human computer interaction; decision support systems, and Neuro-Information Systems. He has a successful track record of gaining research funding from NSERC, SSHRC, CFI, ORDCF and the private sector. This funding was used to mount a successful research program involving collaboration with colleagues and graduate students. His research activities have resulted in over 90 peer-reviewed articles in academic journals, conference proceedings and books resulting in over 2100 citations to date. Several of his publications have received or were nominated for best paper awards. He has been invited to present his research findings at many universities around the globe.

Since joining DeGroote, Dr. Hassanein has taught courses on Management Information Systems, eBusiness Strategies, and Decision Support Systems in the MBA program where he has employed a variety of experiential learning methods with great success. He has also taught a very popular short course on Strategic and Business Planning with the Ontario Centers of Excellence (OCE) for several years as part of their Value Added Personnel (VAP) program. He has also delivered short courses at EDHEC in France and the University of Alexandria in Egypt. He has supervised, co-supervised or is currently supervising 51 students and post-doctoral fellows. In addition, he is currently serving or has previously served on the supervisory committees of 17 other Ph.D. students. He has coached several award winning McMaster case competition teams and was the Co-Director of the annual McMaster eCase Competition for several years.

Prior to joining McMaster, Dr. Hassanein was a Senior Research Associate with NCR's Payments Solutions division in Waterloo, Ontario. There he led several advanced development projects related to the automated processing of financial documents and the data warehousing and mining of financial transaction using pattern recognition techniques. During that time he worked on joint projects with AT&T Bell Labs and established collaborative research programs between NCR and several universities in Ontario.

Dr. Hassanein is a senior editor, associate editor or editorial board member with several academic journals in the information systems field. He has also served on the executive committees of several international eBusiness, mobile business and information systems conferences. He is a joint holder of several U.S. patents, a senior member of the IEEE and a designated Professional Engineer in Ontario. He consults with industry on areas related to his expertise.

Curriculum Vitae

Khaled Hassanein, PhD, MBA, SM-IEEE, P.Eng.

Business Address

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Educational Background

- MBA** Wilfrid Laurier University, School of Business & Economics (April 2000)
- PhD** University of Waterloo, Dept. of Electrical Engineering (August 1994)
Thesis: Predictive Artificial Neural Network-HMM Architectures for Automatic Speech Recognition.
- M.A.Sc.** University of Toronto, Dept. of Electrical Engineering (Institute of Biomedical Engineering) (October 1986)
Thesis: Modeling of the Oculomotor System in Patients with Myasthenia Gravis.
- B.A.Sc.** Kuwait University, Dept. of Electrical Engineering (January 1984)

Current Status at McMaster

- Chair, Information Systems Area, DeGroot School of Business
- Director, McMaster eBusiness Research Centre (MeRC)
- Professor of Information Systems, DeGroot School of Business

Professional Memberships

- Senior Member, Institute of Electrical & Electronics Engineers (IEEE)
- Member, Association for Information Systems (AIS)
- Member, AIS SIGHCI (Special Interest Group in Human-Computer Interaction)
- Member, AIS SIGeBiz (Special Interest Group in e-Business)
- Member, Association for Computing Machinery (ACM)
- Member, Administrative Sciences Association of Canada (ASAC)
- Member, Professional Engineers Ontario (PEO)

Employment History

Academic Experience:

July 2007 to present *Chair, Information Systems Area*, DeGroote School of Business, McMaster University, Hamilton, Ontario, Canada.

January 2005 to present *Director, McMaster eBusiness Research Centre (MeRC)* DeGroote School of Business, McMaster University, Hamilton, Ontario, Canada.

July 2011 to present *Professor of Information Systems (with Tenure)*, DeGroote School of Business, McMaster University, Hamilton, Ontario, Canada.

July 2005 to 2011 *Associate Professor of Information Systems (with Tenure)*, DeGroote School of Business, McMaster University, Hamilton, Ontario, Canada.

July 2000 to June 2005 *Associate Professor of Information Systems*, DeGroote School of Business, McMaster University, Hamilton, Ontario, Canada.

Visiting & Adjunct Academic Positions:

March 2012 *Distinguished Visiting Professor*, School of Business, The American University in Cairo, Cairo, Egypt.

May 2006 to 2009 *Adjunct Professor*, School of Engineering Practice, McMaster University, Hamilton, Ontario, Canada.

February 1997 to 2002 *Adjunct Professor*, Systems Design Engineering Dept., Faculty of Engineering, University of Waterloo, Waterloo, Ontario, Canada.

October 1997 to 2003 *Adjunct Professor*, Engineering Systems & Computing Dept., School of Engineering, University of Guelph, Guelph, Ontario, Canada.

Relevant Industrial Experience:

September 1994 to August, 2000 *Senior Research Associate*, Advanced Development Group, NCR Waterloo, Ontario, Canada.

- Played a leading role in Advanced Development Group activities including planning, budgeting and research/development.
- Worked closely with the Chief Technology Officer for NCR-Payment Solutions on several initiatives related to technology management and tracking.
- Established and managed collaborative research projects with several universities.
- Submitted proposals for corporate funding of advanced development projects.
- Managed several advanced development projects in the areas of character recognition, cheque amount recognition, image data warehousing & mining, adaptive pattern recognition systems, image compression and image quality.
- Interacted with researchers at AT&T Bell Labs to facilitate technology transfer to NCR.

- Routinely gave presentations and demos related to advanced development projects to customers and NCR senior officers both internally and at major banking trade shows.
- Negotiated intellectual property issues between NCR and universities.

Consulting Assignments:

- Competition Bureau of Canada (2008-2009): Impact of mass marketing fraud on the Canadian economy.
- e=mz², Burlington, Ontario (2003-2004): Special Advisor and data warehouse consultant for an e-Learning System.
- TVO Ontario (2001): Designed an online chapter on Customer Relationship Management.
- NCR Canada, Waterloo, Ontario (2000): Consultant on extracting data from cheque images.

Scholarly and Professional Activities

Journal Editorial Boards:

- Senior Editor, Information Systems Management Journal, 2007- present.
- Associate Editor, AIS Transactions on Human-Computer Interaction, 2008 – present.
- Editorial Board Member, International Journal of Technology Marketing, 2004-present.

Editor, Conference Proceedings:

- Hassanein, K. (Editor) (2005), “Proceedings of the Annual Conference of the Administrative Sciences Association of Canada - Information Systems Division”, Volume 26 (4).

Executive Positions at Conferences

- Program Co-Chair, International Conference on Information Resource Management (Conf-IRM), Ottawa, Canada (2015).
- Track Co-Chair, Mediterranean Conference on Information Systems (MCIS), Cyprus (2011).
- General Co-Chair, World Congress on Privacy, Security, Trust and the Management of e-Business, Saint John, Canada (2009).
- Member, Planning Committee, eHealth Technology Showcase, Nov. 2008, a collaborative event between MeRC, BitNet and the Golden Horseshoe Biosciences Network.
- Finance Chair, Executive Committee, Americas Conference on Information Systems (AMCIS-2008).
- Executive member, International Conference on Mobile Business, (2007-2008).
- Program Chair, International Conference of Mobile Business, Toronto, Ontario (2007).
- Division Chair, Information Systems Division, Administrative Sciences Association of Canada (ASAC) conference (2006/2007).
- General Co-Chair, 8th World Congress on the Management of eBusiness, Toronto, Ont. (2007).
- Co-Chair MeRC Industry-Academia Brokerage Session, International Conference on Electronic Commerce (ICEC 2006), Fredericton, NB.

- General Co-Chair, 7th World Congress on the Management of eBusiness, Halifax, Nova Scotia (2006).
- Co-Chair of the B2C E-Commerce track at the 2006 International Conference on Electronic Commerce (ICEC'06), Fredericton, NB.
- Program Chair, Information Systems Division, Administrative Sciences Association of Canada (ASAC) conference (2005/2006).
- Academic Reviews Officer, Information Systems Division, Administrative Sciences Association of Canada (ASAC) conference (2004/2005).

Associate Editor/Session Chair/Program Committee Member at Conferences

- Associate Editor, HCI track, International Conference of Information Systems (ICIS) (2006, 2007, 2008, 2015).
- Associate Editor, European Conference of Information Systems (ECIS) (2003, 2006, 2007, 2008, 2009, 2010, 2012, 2013).
- Program Committee Member, Pre-ICIS workshop on HCI (2006, 2007, 2008, 2009, 2010, 2011, 2012).
- Program Committee Member, Australasian Conference on Information Systems, 2010.
- Invited Session Chair, International Conference on Mobile Business, 2010.
- Invited Session Chair, Privacy, Security and Trust conference (PST), 2006.
- Program Committee Member, Third Annual Conference on Privacy, Security and Trust (PST 2005).
- Invited Session Chair, International Conference of Information Systems (ICIS) 2004.

Referee for Peer Reviewed Journals, Books, and Conferences:

- Arab Journal of Administrative Sciences (AJAS)
- Behaviour & Information Technology (BIT)
- European Journal of Information Systems (EJIS)
- IEEE Canadian Journal of Electrical and Computer Engineering
- International Journal of Electronic Business (IJEB)
- International Journal of Electronic Commerce (IJEC)
- International Journal of Human Computer Studies (IJHCS)
- International Journal of Information Management
- International Journal of Machine Vision and Application
- Journal of Electronic Commerce Research (JECR)
- Journal of Management Information Systems (JMIS)
- Journal of Marketing
- Journal of Strategic Information Systems (JSIS)
- Management Information Systems Quarterly (MISQ)
- OMEGA
- Information Technology and e-Business in the Financial Services, S. Gordon, Editor, Ivy league Publishing
- Wireless Communications and Mobile Commerce, Shi Nansi, Editor, Idea Group Inc.
- The Handbook of Information Security, Hossein Bidgoli, Editor, John Wiley & Sons
- Americas Conference on Information Systems (AMCIS)

- Administrative Sciences Association of Canada (ASAC) conference
- Bled eCommerce Conference
- Eighth IEEE Symposium on Computers and Communications
- European Conference of Information Systems (EICS)
- Program Committee Member, Hawaii Conference on Information Systems (HICSS)
- International Conference on Electronic Conference (ICEC)
- International Conference of Information Systems (ICIS)
- International Conference on Mobile Business (ICMB)
- Pre-ICIS workshop on HCI
- Privacy, Security and Trust conference (PST)
- World Congress on the Management of Electronic Business (WCMeB)

Referee Other:

- Referee for several NSERC & SSHRC operating and strategic grants.
- Referee for Ontario Centres of Excellence (OCE) Market Readiness Application.
- External Reviewer for the M.Sc. Electronic Business Technologies programs, University of Ottawa, (2015).

Student Case Competitions Director/Coach:

- Case Competition Co-director, McMaster Annual eCase Competition, (2001 to 2004).
- Case Competition Coach:
 - McMaster Teams Placed 1st and 3rd, McMaster eCase Competition, McMaster University, January 2003.
 - McMaster Team Placed 2nd, MBA Games Case Competition, McMaster University, January 2002.
 - McMaster Team Placed 3rd, University of New Brunswick eCommerce Case competition, March 2002.
 - McMaster Team Placed 2nd, McMaster eCase Competition, McMaster University, January 2002.
 - McMaster Team Placed 1st, MBA Games Case Competition, University of Alberta, January 2002.
 - McMaster Team Placed 2nd, University of New Brunswick eCommerce Case competition, March 2001.

Areas of Interest

Research: Information & communication technology adoption, eCommerce, human computer interaction, eHealth, decision support systems, mobile business, Neuro-Information Systems.

Teaching: Information Systems in Business, eBusiness Strategy, Decision Support Systems.

Consulting: eBusiness, mobile business, eHealth.

Honours

- Information Systems Division Honorable Mention Award, Administrative Sciences Association of Canada Conference (ASAC'2013).
- Best Paper Award, 10th Annual Pre-ICIS HCI Research in MIS Workshop, 2011.
- Best Paper Award Nominee, 9th Annual Pre-ICIS Workshop on HCI Research in MIS, 2010.
- 2010 Most Cited Paper Award, *Interacting with Computers Journal*¹.
- Best Paper Award Nominee, European Conference on Information Systems (ECIS), 2007.
- Outstanding Paper Award, 17th Bled eCommerce Conference, 2004.
- Best Paper Award Nominee, 3rd Annual Pre-ICIS Workshop on HCI Research in MIS, 2004.
- NCR award for *Best-in-Class* demo at a major banking trade show, 1999.
- NCR “*On-the-Spot*” award for outstanding performance 1998, 1999.
- NCR Corporate Publication Motivation Award, 1999 (2 awards), 1998 (2 awards), 1997 (3 awards), 1996 (1 award).

Courses Taught (McMaster)

Graduate:

- MBA K603: Information Systems in Business
- MBA K724: e-Business Strategies
- MBA K737/ MEEI 726, Cases in eBusiness, Innovation and Entrepreneurship
- MBA K733: Decision Support Systems
- MBA K737: e-Business Case Studies
- MBA Orientation for International Students on Case Analysis and Presentation

Undergraduate:

- Commerce 1PA0: Orientation to Undergraduate Business Program
- Commerce 4QX3: Special Issues in Electronic Business

Other:

- Hassanein, K. (2013), Digital Business, Master of Science in Global Business program, EDHEC Business School, Lille Campus, France.
- Hassanein, K. & Potter, D. (2006, 2007, 2008, 2009, 2010, 2011), “Strategic and Business Planning”, An introductory short course for graduate students, Ontario Centers of Excellence.
- Hassanein, K., (2006), “Case Analysis and Presentation”, A workshop offered twice for all MBA Students during the MBA Transition week.
- Hassanein, K., (2003, 2004, 2005), “Case Analysis and Presentation”, A workshop for International MBA students during the MBA Orientation week.

¹ This distinction was determined solely based on the highest number of cites, excluding self-citations, received for all the articles published in this journal between the years 2007-2009.

Supervisorships

Undergraduate:

- Supervisor for Ms. Alycia Mazepa, 3rd year Commerce student , Summer 2013.
- Supervisor for Mr. Jamie Hennessey, 4th year Psychology student (Neural Computation Program), McMaster University, fall 2002/winter 2003.
 - Thesis: *Predicting Consumer Behavior on Retail Websites: An Artificial Neural Networks approach.*
- Supervisor for Ms. Jenny Lin, 3rd year student project, Systems Design Engineering Dept., University of Waterloo, winter 2002.
 - Topic: *An Assessment of the Application Service Provider Model for Forming Technologies Inc.*
- Co-supervisor for Mr. Tarun Gupta, DeGroot, 4th year Independent Study Project, Degroote School of Business, McMaster University, fall 2001.
 - Topic: *Assessing Website Usability.*
- Supervisor for C. Cullen, A. Fleisher, G. Hardy, I. Sabados & R. Wysocki, Engineering Management 5th year group project, McMaster University, winter 2000.
 - Topic: *Extracting and Using Full Transaction Data from Cheques.*
- Co-Supervisor for: S. Kasapinovic & A. Ponnuthurai, 3rd year student project, Systems Design Engineering Dept., University of Waterloo, 2002.
 - Topic: *Digital Image Authentication.*
- Co-Supervisor for T. Lee, 3rd year student project, Systems Design Engineering Dept., University of Waterloo, 1996.
 - Topic: *Artificial Neural Networks for Numeral Recognition.*

Masters:

- Mentor for Mr. Nicholas Ivanecky, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2015).
- Mentor for Mr. Taso Perdikoulis, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2015).
- Mentor for Ms. Ashwaq Albaqami, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2015).
- Mentor for Mr. Saif Haq, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2015).
- Mentor for Ms. Hanan Alattas, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2014).
- Mentor for Ms. Fatma Almalke, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2014).
- Mentor for Ms. Afnan Dawoud, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2014).
- Mentor for Mr. Jiawei Qin, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2014).
- Mentor for Mr. John Fernandez Serrano, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2013).
- Mentor for Ms. Alexandra Quintero Correa, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2013).

- Mentor for Mr. Samih Abdelgadir, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2013).
- Mentor for Ms. Hani Pakroo, Masters of Engineering Entrepreneurship & Innovation (MEEI) program, McMaster University (Graduated 2013).
- Mentor for Mr. Abdulaziz Alghamdi, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2012).
- Mentor for Mr. Chaithanya Sunkara, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2012).
- Supervisor for Ms. Yumna Abdel-Rahman, M.Sc. eHealth, DeGroote School of Business, McMaster University (Graduated 2012).
 - Thesis: *Allied Health Professionals and Support Staff Perspectives on Personal Health Record Implementation: A Qualitative Study of Family Health Teams.*
- Mentor for Mr. Pratheep Soundararajan, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2011).
- Mentor for Mr. Alqadir Dhalla, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2011).
- Supervisor for Ms. Marg Leyland, M.Sc. eHealth, DeGroote School of Business, McMaster University (Graduated 2011).
 - Thesis: *Designing electronic personal health records for diabetes self-management: a patient-centric approach.*
- Supervisor for Ms. Lauren Bridges, Independent Study Project, DeGroote School of Business, McMaster University, winter 2008.
 - Topic: *Real estate Web Services*
- Mentor for Mr. Aaron Kitagawa, Masters of Engineering Entrepreneurship & Innovation (MEEi) program, McMaster University (Graduated 2011).
- Co-Supervisor for Ms. Laila Bastido, Independent Study Project, DeGroote School of Business, McMaster University, fall 2007.
 - Topic: *Methodology for Selecting a Learning Management System*
- Co-Supervisor for Mr. Matthew Madigan, Independent Study Project, DeGroote School of Business, McMaster University, fall 2005.
 - Topic: *Wireless Handheld Vertical Market Review*
- Co-supervisor for Mr. Jason Weshler, Independent Study Project, DeGroote School of Business, McMaster University, fall 2003.
 - Topic: *The Implementation and Use of Mobile Decision Support Systems in Healthcare.*
- Co-supervisor for Ms. Ayesha Al Sabouba, Independent Study Project, DeGroote School of Business, McMaster University, summer 2003.
 - Topic: *Adoption of Online Purchasing.*
- Co-supervisor for Dr. Khaled Shaban, Engineering Systems & Computing Dept., University of Guelph, (Graduated 2002).
 - Thesis: *Collaborative Knowledge Discovery.*
- Co-supervisor for Mr. Dale Scott, Engineering Systems & Computing Dept., University of Guelph, (Graduated 1998).
 - Thesis: *A Decision Fusion Algorithm for Signature Verification.*

Doctoral:

- Supervisor for Mr. Nour El Shamy, Information Systems Area, DeGroote School of Business, McMaster University (In progress).
- Supervisor for Mr. Seyed Pouyan Eslami, Information Systems Area, DeGroote School of Business, McMaster University (In progress).
- Supervisor for Ms. Maryam Ghasemaghaie, Information Systems Area, DeGroote School of Business, McMaster University (In progress).
- Supervisor for Dr. Sonia Camacho, Information Systems Area, DeGroote School of Business, McMaster University (Graduated 2014).
 - Thesis: *Cyberbullying impacts on users' satisfaction with information and communication technologies: the role of Perceived Cyberbullying Severity*
- Supervisor for Dr. Vahid Assadi, Information Systems Area, DeGroote School of Business, McMaster University (Graduated 2013).
 - Thesis: *Adoption of Personal Health Record Systems: A Self-Determination Theory Perspective.*
- Supervisor for Dr. John Laugesen, Information Systems Area, DeGroote School of Business, McMaster University (Graduated 2013).
 - Thesis: *Adoption of Electronic Personal Health Records by Chronic Disease Patients: Integrating Protection Motivation Theory and Task-Technology Fit.*
- Co-Supervisor for Dr. Mohamed Mandour, Faculty of Commerce, Alexandria University, Egypt (Graduated 2011).
 - Thesis: *The effect of Implementing Enterprise Resource Planning systems (ERP) on Management Accounting Practices at business enterprises in Egypt*
- Co-supervisor for Dr. Nicole Wagner, Information Systems Area, DeGroote School of Business, McMaster University (Graduated 2011).
 - Thesis: *The Impact of Age on Web Site Usability.*
- Co-supervisor for Dr. Wael Hassan El Garaihy, Faculty of Commerce, Port Said University, Egypt (Graduated 2008).
 - Thesis: *Developing and Validating a Quality of Service Scale for the Banking Sector: an Artificial Neural Network Approach*
- Supervisor for Dr. Michael Bliemel, Management Science/Information Systems Area, DeGroote School of Business, McMaster University, (Graduated 2006).
 - Thesis: *Consumer Satisfaction with Online Health Information: A Theoretical Model and an Empirical Study.*
- Co-supervisor for Dr. Constantinos Coursaris, Management Science/Information Systems Area, DeGroote School of Business, McMaster University, (Graduated 2006).
 - Thesis: *Contextual Mobile Usability: The Impact of Distractions on User Performance, Satisfaction, and Adoption of Mobile Devices for Wireless Data Services.*
- Supervisor for Dr. Gokul Bhandari, Management Science/Information Systems Area, DeGroote School of Business, McMaster University, (Graduated 2005).
 - Thesis: *Incorporating Cognitive Support in Investment DSS.*
- Co-supervisor for Dr. Abdul Rahim Ahmad, Systems Design Engineering, Faculty of Engineering, University of Waterloo (Graduated 2005).
 - Thesis: *Intelligent Expert Systems for Decision Support in Layout Design.*

Doctoral Supervisory & Defence Committees:

- PhD Committee member for Ms. Nicole O'Brien, Information Systems Area, McMaster University (March 2015 – Present).
- PhD Committee member for Mr. Morteza Mashayekhi, Information Systems Area, McMaster University (March 2015 – Present).
- PhD Committee member for Ms. Sepideh Ebrahimi, Information Systems Area, McMaster University (February 2014 – Present).
- PhD Committee member for Mr. Amir Tavasoli, Information Systems Area, McMaster University (February 2012 – Present).
- PhD Committee member for Mr. Ken Owen, Information Systems Area, McMaster University (February 2011 – Present).
- PhD Committee member for Mr. Reza Aria, Information Systems Area, McMaster University (Graduated 2015).
 - Thesis: *The Role of Support and Sustainability Elements in the Adoption of a Self-management Support System for Chronic Illnesses*
- PhD Committee member for Mr. Sepandar Sepehr, Information Systems Area, McMaster University (Graduated 2014).
 - Thesis: *Understanding the Role of Competition in Video Gameplay Satisfaction.*
- PhD Committee member for Mr. Sana Mojdah, Information Systems Area, McMaster University (Graduated 2014).
 - Thesis: *Understanding Knowledge Sharing in Web 2.0 Online Communities.*
- External Examiner, Mr. Benjamin Nakashima, Mechanical Engineering, University of Alberta (2014).
 - Thesis: *An Integrated Framework to Reduce Time to Market for MEMS/NEMS Developments.*
- PhD Committee member for Mr. David Daghli, Information Systems Area, McMaster University (Graduated 2013).
 - Thesis: *Electronic Personal Health Records: A Matter of Trust.*
- PhD Committee member for Dr. Umar Ruhi, Information Systems Area, McMaster University (Graduated 2010).
 - Thesis: *Sustainability of User Participation in Virtual Communities*
- PhD Defence Committee member for Dr. Omar Omar, Mechanical Engineering, McMaster University (Graduated 2010).
- PhD Defence Committee member for Dr. Amir Sayegh, Electrical and Computer Engineering, McMaster University (Graduated 2008).
- PhD Committee member for Dr. Huijin Guo, Information Systems Area, McMaster University (Graduated 2010).
 - Thesis: *Understanding Employee Security Misbehavior in Using Organizational Information Systems.*
- PhD Committee member for Dr. Michael Beward, Information Systems Area, McMaster University (Graduated 2009).
 - Thesis: *Acceptance of Biometric Technology to Combat Identity Theft.*
- PhD Defence Committee member for Dr. Peter Basl, Electrical Engineering, McMaster University (Graduated 2007).

- External Examiner for Ms. Yinan Yang, School of Information Technology and Electrical Engineering, University College, University of New South Wales, Australian Defense Force Academy (2004).
 - Thesis: *W3TF: A Web Trust Profiling Framework to Assess Trust and Transitivity of Trust of Web-based Services in a Heterogeneous Web Environment*.
- PhD Committee member for Dr. Alan Harold, Information Systems Area, McMaster University (Graduated 2007).
 - Thesis: *Interface Design Requirements for Web Shopping Sites*.
- PhD Committee member for Dr. Mubarak AL-Mutairi, System Design Engineering Dept., University of Waterloo (Graduated 2007).
 - Thesis: *Modeling Trust Using a Fuzzy Logic Approach*.
- PhD Committee member for Dr. Jan Bakus, System Design Engineering Dept., University of Waterloo (Graduated 2005).
 - Thesis: *Decision Feature Selection and Extraction for Text Classification*.
- PhD Committee member for Dr. Nayer Wanas, System Design Engineering Dept., University of Waterloo (Graduated 2003).
 - Thesis: *Decision Fusion Algorithms for High Accuracy Pattern Recognition*.
- PhD Committee member for Dr. Amer Dawoud, System Design Engineering Dept., University of Waterloo (Graduated 2002).
 - Thesis: *Adaptive Image Binarization Based on Handwriting Models*.

Research Associates & Post Doctoral Fellows

- Dr. Adem Akbiyik, Fall 2014-Present
- Dr. Vahid Assadi, Fall 2013-Summer 2014.
- Dr. Alex Ivanov, Summer-Fall 2010.
- Dr. Jose Roda-Garcia, Summer 2010.
- Dr. Alan Harold, Summer 2007.

Research Grants

Research Grants Held

- Ontario Research Fund-Research Infrastructure (ORF-RI): “Advanced HCI Usability Lab, 2015, (\$135,500), Role: PI, with Milena Head and Scott Watter as Co-applicants.
- CFI John R. Evans Leaders Fund (JELF): “Advanced HCI Usability Lab, 2014, (\$135,500), Role: PI, with Milena Head and Scott Watter as Co-applicants.
- McMaster Arts Research Board Grant: “The Role of Big Data and Data Analytics in Improving Organizational Performance”, 2015-2016, (\$5,582), Role: PI.
- SSHRC Insight Development Grant, “Supply Chain Disintegration: Understanding the Dissolution of Supply Chain Social Capital”, 2013-2015, (\$65,521), Role: Co-Applicant (PI: Dr. Ahmed Doha, Carleton University).

- Lawson Health Research Institute Grant, “The McMaster Computerized Clinical Decision Support System for Chronic Pain in Primary Care Project: Improving Primary Care for People with Chronic Pain”, 2013-2015, (\$420,555), Role: Co-Investigator with Guenter, D. (PI), Bauer, M., Buckley, N., Dolovich, L., Goeree, R., Moulin, D., Schabert, I., Taenzer, P., Tan, J., Radhakrishnan, A.
- NSERC Research Grant, “Customized Decision Support for Older Adults in eCommerce Environments”, 2013-2018, (\$125,000), Role: PI.
- SSHRC Insight Research Grant: “Understanding Use and Continuance Intention to Use High Maintenance Information Systems: The Role of Perceived Maintenance Effort”, 2012-2017, (\$152,608), Role: PI, with Milena Head as a Co-applicant.
- McMaster University Arts Research Board Grant: “Understanding Techno stress Due to Wireless Distractions”, 2011-2012, (\$6,230), Role: PI.
- McMaster Incentive Grant, “Understanding Continuance Intention to Use High Maintenance Information Systems”, 2011, (\$5,000), Role: PI (Granted based on a 4A decision² from SSHRC).
- NSERC Research Grant, “Interactive Decision Support and Adaptive Web Interfaces for Enhancing the Online Experience of Older Adults”, 2011-2012, (\$14,000), Role: PI.
- McMaster Incentive Grant, “Canadians’ Adoption and Use of Personal Health Record Systems”, 2009, (\$5,000), Role: PI (Granted based on a 4A decision² from SSHRC).
- Faculty of Engineering Research Grants for mentoring MEEI graduate students, 2007-2012, (\$17,000).
- SSHRC Research Grant, “Designing Usable Web and Mobile Interfaces for Older Adults”, 2008-2011, (\$105,124), Role: PI, with Milena Head as a Co-applicant.
- ORDCF Research Grant: “RFID-based Wireless Networks for Ubiquitous Real-time Object Tracking”, 2006-2007, (\$76,000), Role: Co-PI with Rafael Kleiman (Faculty of Engineering, McMaster University).
- ORDCF and Private Sector Consortium: “User Acceptance of Biometrics in Financial Transactions”, 2006-2007, (\$55,589), Role: Subproject Co-Applicant with Milena Head, part of a bigger group project: “Management Approaches to Combating Identity Theft” (PI: Dr. Y. Yuan, Faculty of Business, McMaster University).
- NSERC Research Grant: “Human-Centric Investment Decision Support Systems”, 2005-2010, (\$65,000), Role: PI.

² A SSHRC 4A decision means: recommended for funding, but not funded due to lack of funds.

- McMaster University Arts Research Board Grant: “Towards a Human Centric Investment Decision Support System”, 2004, (\$3,693), Role: PI.
- McMaster University Arts Research Board Grant: “Assessing the Impact of the Internet on the Overall Health Care Experience of Canadians”, 2003, (\$5,458), Role: PI.
- NSERC Equipment Grant: “Usability Lab for e-Business Research”, 2003, (\$38,219), Role: Co-applicant on this group project, PI: Dr. Y. Yuan, McMaster University.
- McMaster University Arts Research Board Grant: “Wireless Privacy: Threats and Solutions for Canadian Consumers”, 2002, (\$6,050), Role: PI with Milena Head as a Co-applicant.
- NSERC Research Grant: “Image-Enabled Data Mining with Applications to e-Commerce”, 2001-2005, (\$48,000), Role: PI.
- Start-up Grant, DeGroot School of Business, McMaster University, 2000-2003, (\$15,000), Role: PI.
- Faculty of Business & Arts Research Board travel grants to present papers at major information systems conferences:
 - 2014/2015: \$2000
 - 2013/2014: \$2000
 - 2012/2013: \$2000
 - 2011/2012: \$4774
 - 2010/2011: \$3821
 - 2009/2010: \$2000
 - 2007/2008: \$2000
 - 2004/2005: \$1967
 - 2003/2004: \$2500
 - 2002/2003: \$1500

Research Grants Applied for/In Progress

- CFI John R. Evans Leaders Fund (JELF): “Evidence-based Management Centre”, 2015, (\$249,500), Role: PI, with Patrick Bennett and Milena Head as Co-applicants.
- Ontario Research Fund-Research Infrastructure (ORF-RI): “Evidence-based Management Centre”, 2015, (\$249,500), Role: PI, with Patrick Bennett and Milena Head as Co-applicants.
- SSHRC Partnership Grant: proposal on “Mobile Usage, its Antecedents and Consequences: A Multi-Method Research Program”, 2015, (\$2,448,500), Role: Key Co-Applicant and McMaster Theme Leader on this proposal led by HEC Montreal and involving several other universities.
- Canada First Research Excellence Fund: “Center for Research on User Experience”, 2015, (\$15,000,000), Role: McMaster Lead on this proposal led by HEC Montreal and involving several other universities.

Lifetime Publications

Peer-Reviewed Journal Articles:

- Laugesen, J., Hassanein, K. and Yuan, Y. (2015), “The Impact of Internet Health Information on Patient Compliance: A Research Model and an Empirical Study”, To Appear, *Journal of Medical Internet Research*.
- Wagner, N., Hassanein, K. and Head, M. (2014), “The Impact of Age on Web Site Usability”, *Computers in Human Behavior*, Vol. 37, pp. 271-282.
- Coursaris, C., Hassanein, K., Head, M. and Bontis, N. (2012), “Understanding Mobile Usability: The Impact of Distractions and User Expectations”, *Computers in Human Behavior*, Vol. 28, Issue 4, pp. 1439–1449.
- Bhandari, G. & Hassanein, K. (2010), “An Agent-Based Debiasing Framework for Investment Decision Support Systems”, *Behaviour & Information Technology*, Vol. 31, Issue 5, pp. 495-507.
- Wagner, N., Hassanein, K. & Head, M. (2010), “Computer Use by Older Adults: A Multidisciplinary Review”, *Computers in Human Behavior*, Vol. 26, No. 5, pp. 870-882.
- Hassanein, K., Head, M. & Chunhua, J. (2009), “A Cross-Cultural Comparison of the Impact of Social Presence on Website Trust, Usefulness and Enjoyment”, *International Journal of Electronic Business*, Vol. 7, No. 6, pp. 625-641.
- Bhandari, G., Deaves, R. & Hassanein, K. (2008), “Debiasing Investors with Decision Support Systems: An Experimental Investigation”, *Decision Support Systems (DSS)*, Vol. 46, pp. 399–410.
- Coursaris, C., Hassanein, K. & Head, M. (2008), “Mobile Technology and the Value Chain: Participants, Activities, and Value Creation”, *International Journal of Business Science and Applied Management*, Vol. 3, No. 3, pp. 14-30.
- Wagner, N., Hassanein, K. & Head, M. (2008), “Who is responsible for E-Learning Success in Higher Education: A Stakeholders' Analysis”, *Journal of Educational Technology and Society*, Vol. 11, No. 3, pp. 26-36.
- Bliemel, M. & Hassanein, K. (2007), “Consumer Satisfaction with Online Health Information Retrieval: A Model and an Empirical Study”, *e-Service Journal*, Vol. 5, No. 2, pp. 53-83.
- Cyr, D., Hassanein, K., Head, M. & Ivanov, A. (2007), “The Role of Social Presence in Establishing Loyalty in e-Service Environments”, *Interacting with Computers*, Vol. 19, No. 1, pp. 43-56. (*Recipient of the 2010 Most Cited Paper Award*³).

³ This distinction was determined solely based on the highest number of cites, excluding self-citations, received for all the articles published in this journal between the years 2007-2009.

- Hassanein, K. & Head, M. (2007), "Manipulating Social Presence through the Web Interface and its Impact on Attitude Towards Online Shopping", *International Journal of Human Computer Studies (IJHCS)*, Vol. 65, No. 8, pp. 689-708.
- Ahmad, A., Basir, O., Imam, M. & Hassanein, K. (2006), "An efficient, effective, and robust decoding heuristic for Metaheuristics-based layout optimization", *International Journal of Production Research*, Vol. 44, No. 8, pp. 1545 - 1567.
- Hassanein, K. & Head, M. (2006), "The Impact of Infusing Social Presence in the Web Interface: an Investigation across Different Products", *International Journal of Electronic Commerce (IJEC)*, Vol. 10, No. 2, pp. 31-55.
- Ahmad, A., Basir, O., Hassanein, K., & Imam, M. (2005), "A Hierarchical Placement Strategy for Generating Superior Layout Decision Alternatives", *International Journal of Operations and Quantitative Management (IJQM)*, Vol. 11, No. 4, pp. 1-20.
- Bhandari, G., Bliemel, M., Harold, A. & Hassanein, K. (2004), "Flexibility in e-Business Strategies: A Requirement for Success", Special issue of the *Global Journal of Flexible Systems Management on Organizational Strategy Formulation and Flexibility*, Vol. 5, Nos. 2&3, pp. 11-22.
- Bliemel, M. & Hassanein, K. (2004), "e-Health: Applying Business Process Reengineering Principles to Healthcare in Canada", *International Journal of Electronic Business (IJEB)*, Vol. 2, No. 6, pp. 625-643.
- Coursaris, C., Hassanein, K., & Head, M. (2003), "m-Commerce in Canada: An Interaction Framework for Wireless Privacy", *Canadian Journal of Administrative Sciences*, Vol. 20, No. 1, pp. 54-73.
- Coursaris, C. & Hassanein, K. (2002), "Understanding m-Commerce: A Consumer Centric Model", *Quarterly Journal of Electronic Commerce*, Vol. 3, No. 3, pp. 247-271.
- Hassanein, K. (2002), "Image Data Mining of Check Transactions: Techniques and Applications", *Journal of Information Technology Cases and Applications*, Ivy League Publishing, Special issue on Information Technology and E-Business in the Financial Services. Vol. 4, No. 4, pp. 4-21.
- Head, M. & Hassanein, K. (2002), "Trust in e-Commerce: Evaluating the Impact of Third-Party Seals", *Quarterly Journal of Electronic Commerce*, Vol. 3, No. 3, pp. 307-325.
- Basir, O., Scott, D. & Hassanein, K. (1999), "A Data-Fusion Approach to Verifying Hand-Written Signatures on Bank Cheques", *IEEE Canadian Journal of Electrical and Computer Engineering*, Vol. 24, No. 2, pp. 85-92.
- Deng, L., Hassanein, K. & Elmasry, M. (1994), "Analysis of the Correlation Structure for a Neural Predictive Model with Applications to Speech Recognition", *Neural Networks Journal*, Vol. 7, No. 2, pp. 331-339.

Peer-Reviewed Book Chapters:

- Ahmad, A., Basir, O., Hassanein, K. & Azam, S. (2008), "An Intelligent Expert Systems' Approach to Layout Decision Analysis and Design Under Uncertainty", in Intelligent Decision Making: An AI-Based Approach, Springer Series: Studies in Computational Intelligence, Vol. 97, pp. 321-364, Phillips-Wren, Gloria; Ichalkaranje, Nikhil; Jain, Lakhmi (Eds.).
- Hassanein, K. (2004), "Image Data Mining of Check Transactions: Techniques and Applications", Information Technology and E-Business in the Financial Services, S. Gordon, Editor, Ivy League Publishing, Chapter 11.
- Coursaris, C., Hassanein, K., & Head, M. (2004), "Understanding the Mobile Consumer", Wireless Communications and Mobile Commerce, Shi Nansi, Editor, Idea Group Inc. Publishers, pp. 132-165.
- Hassanein, K., Deng, L. & Elmasry, M. (1994), "Neural Predictive Models for Automatic Speech Recognition", VLSI Artificial Neural Networks Engineering, M. I. Elmasry, Editor, Kluwer Academic Publishers, Chapter 6.
- Deng, L., Hassanein, K. & Elmasry, M. (1991), Neural-Network Architecture For Linear And Nonlinear Predictive Hidden Markov Models: Application To Speech Recognition, in B. H. Juang, S. Y. Kung, and C. A. Kamm, (eds.) Neural Networks for Signal Processing, Institute of Electrical and Electronics Engineers, Inc.

Submitted to Peer-Reviewed Journals:

- Ghasemaghaei, M. & Hassanein, K., (2015), "A Macro Model of Online Information Quality Perceptions: A Review and Synthesis of the Literature", Submitted to Computers in Human Behavior Journal.
- Ghasemaghaei, M. & Hassanein, K., "Online Information Quality and Consumer Satisfaction: The Moderating Roles of Website Type and Sample Characteristics - A Meta-Analysis", invited to resubmit to Information & Management Journal.
- Ghasemaghaei, M. & Hassanein, K., "A Review of Online Information Quality in Information Systems Research: a Dynamic Model of Online Information Quality Perceptions and Impacts", invited to resubmit to Management Information Systems Quarterly (MISQ).
- Assadi, V. and Hassanein, K. (2014), "Adoption of Integrated Personal Health Record Systems: A Self-Determination Theory Perspective", invited to resubmit to Management Information Systems Quarterly (MISQ).
- Breward, M., Hassanein, K. and Head, M., "Understanding Consumers' Attitude towards Biometric Identity Authentication", invited to resubmit to Journal of Information Systems Research (ISR).

Working Papers/Case Studies:

Cox, S., Hassanein, K. and Head, M. (2014), "Information Technology at Canadian Tire (A)", McMaster eBusiness Research Centre, Case Study No. 14-MCS-K003.

Cox, S., Hassanein, K. and Head, M. (2014), "Information Technology at Canadian Tire (B)", McMaster eBusiness Research Centre, Case Study No. 14-MCS-K002.

Cox, S., Hassanein, K. and Head, M. (2014), "Information Technology at Canadian Tire (C)", McMaster eBusiness Research Centre, Case Study No. 14-MCS-K001.

Bhandari, G. & Hassanein, H. (2004), "A Cognitive DSS for Investment Decision Making: Challenges & Opportunities", McMaster eBusiness Research Centre (MeRC) Working Paper No. 13, McMaster University.

Hassanein, K. & Head, M. (2004), "Manipulating Social Presence through the Web Interface and its Impact on Consumer Attitude Towards Online Shopping", McMaster eBusiness Research Centre (MeRC) Working Paper No. 10, McMaster University.

Hassanein, K. & Head, M. (2004), "The Influence of Product Type on Online Trust", McMaster eBusiness Research Centre (MeRC) Working Paper No. 6, McMaster University.

Peer Reviewed Conference Proceedings Articles⁴:

Ghasemaghaei, M., Hassanein, K. & Ofir, T. (2015), Impacts of Big Data Analytics on Organizations: A Resource Fit Perspective, To Appear, Proceedings of the 21st Americas Conference on Information Systems (AMCIS), Puerto Rico, USA.

Ghasemaghaei, M. & Hassanein, K. (2015), Impact of Persuasion Processes on Consumer Attitude Towards Online Shopping: The Moderating Role of Product Involvement and Consumer Self-Efficacy, To Appear, Proceedings of the 21st Americas Conference on Information Systems (AMCIS), Puerto Rico, USA.

Akbiyik, A., Hassanein, K. & Head, M. (2015), Perceived Maintenance Load of High Maintenance Information Systems: Conceptualization and Development, To Appear, Proceedings of the 19th Pacific Asia Conference on Information Systems (PACIS), Singapore.

Camacho, S., Hassanein, K. & Head, M. (2015), Understanding the Effect of Techno-Interruptions in the Workplace, Proceedings of the World Conference on Information Systems and Technologies (WorldCIST'15), Azores, Portugal.

Doha, A., Hassanein, K., Mahmood, K. (2015), An Electronic Clearance Marketplace Leveraging Collaboration in Supplier and Buyer Communities: A Design Science Research Study,

⁴ Publications listed in this section are published in fully refereed conferences proceedings. Page numbers are shown for printed conference proceedings and are not shown for CD conference proceedings.

Proceedings of the 48th Hawaii International Conference on System Sciences (HICSS), Hawaii, USA.

- Ghasemaghaei, M., Hassanein, K., Benbasat, I. (2014), Intention to Use Recommendation Agents for Online Shopping: The Role of Cognitive Age and Agent Complexity, Proceedings of the International Conference on Information Systems (ICIS), Auckland, New Zealand.
- Teubner, T., Adam, M., Camacho, S., Hassanein, K. (2014), Understanding Resource Sharing in C2C Platforms: The Role of Picture Humanization, Proceedings of the 25th Australasian Conference on Information Systems (ACIS 2014), Auckland, New Zealand.
- Camacho, S., Hassanein, K. & Head, M. (2014), Understanding the Factors that Influence the Perceived Severity of Cyber-Bullying, Proceedings of 16th International Conference on Human-Computer Interaction, Crete, Greece.
- Assadi, V. & Hassanein, K. (2014), General Causality Orientations and the Adoption of Integrated Personal Health Records Systems: A Latent Class Analysis with Distal Outcomes, Proceedings of the 47th Hawaii International Conference on System Sciences (HICSS), Hawaii, USA.
- Camacho, S., Hassanein, K. & Head, M. (2013), Second Hand Technostress and its Determinants in the Context of Mobile Device Interruptions in Work Meetings, Proceedings of the International Conference on Mobile Business (ICMB), Como, Italy.
- Ghasemaghaei, M. & Hassanein, K. (2013), Online Information Quality and Consumer Satisfaction: The Moderating Role of Information Seeking Mode and Information Search Focus – A Meta-Analysis, Administrative Sciences Association of Canada Conference (ASAC'2013), Montreal, Canada. (***Recipient of the IS Division Honorable Mention Award***).
- Ghasemaghaei, M. & Hassanein, K. (2013), Consumer Satisfaction with Online Information Quality: The Moderating Roles of Consumer Decision-Making Style and Product Type, Proceedings of the 21st European Conference on Information Systems (ECIS), Utrecht, Netherlands.
- Camacho, S., Hassanein, K. & Head, M. (2013), The Impact of Cyberbullying on Users' Continuance Intention: The Roles of Perceived Cyberbullying Severity and Coping Mechanisms, Proceedings of the 21st European Conference on Information Systems (ECIS), Utrecht, Netherlands.
- Ho, D., Head, M. & Hassanein, K. (2013), Developing and Validating a Scale for Perceived Usefulness for the Mobile Wallet, Proceedings of the World Conference on Information Systems and Technologies (WorldCIST'13), Faro, Portugal.
- Ghasemaghaei, M., Archer, N. & Hassanein, K. (2012), E-health Applications in Rural and Remote Areas for an Aging Society: Barriers and Solutions, Advances in Health Informatics Conference (AHIC), Toronto, Canada.

- Laugesen, J., Hassanein, K. & Yuan, Y. (2011), "The Impact of Internet Health Information on Patient Compliance: The Role of Perceived Information Asymmetry", 10th Pre-ICIS HCI Research in MIS Workshop, Shanghai, China (***Recipient of the Best Paper Award***).
- Laugesen, J. & Hassanein, K. (2011), "Motivation Theory, Task-Technology Fit and the Adoption of Personal Health Records by Chronic Care Patients: The Role of Educational Interventions", Proceedings of the 17th Americas Conference on Information Systems (AMCIS), Detroit, USA.
- Wagner, N., Hassanein, K. & Head, M. (2010), "Understanding web site satisfaction for older adults", 9th Pre-ICIS HCI Research in MIS Workshop, Saint Louis, USA. (***Nominated for Best Paper Award***).
- Hassanein, K., Head, M. & Wang, F. (2010), "Understanding Student Satisfaction with Mobile Learning: The Role of Internal and External Facilitators", Ninth International Conference on Mobile Business – Global Mobility Roundtable (ICMB-GMR), Athens, Greece.
- Assadi, V. & Hassanein, K. (2010), "Continuance intention to use high maintenance information systems: The role of Perceived maintenance effort", Proceedings of the 18th European Conference on Information Systems (ECIS), Pretoria, South Africa.
- Laugesen, J. & Hassanein, K. (2010), "A Continuance Model for a Mobile/Web Based Self-Management System for Adolescent Diabetics: The Role of Loyalty Incentives", Proceedings of the 18th European Conference on Information Systems (ECIS), Pretoria, South Africa.
- Assadi, V. & Hassanein, K. (2009), "Consumers' Acceptance and Use of Personal Health Record Systems: A Theoretical Model", Proceedings of the 17th European Conference on Information Systems (ECIS), Verona, Italy.
- Breward, M., Head, M. & Hassanein, K. (2009), "Consumer Acceptance of Biometrics for Identity Verification in Financial Transactions", Proceedings of the 17th European Conference on Information Systems (ECIS), Verona, Italy.
- Breward, M., Hassanein, K. & Head, M. (2008), "Consumer Acceptance of Biometrics for Identity Verification in Financial Transactions: A Theoretical Model", Proceedings of the 5th International Conference on Information Technology and Applications (ICITA 2008), Cairns, Australia.
- Breward, M., Head, M. & Hassanein, K. (2008), "An Exploratory Study of Attitudes Towards Biometric Verification in Financial Transactions: Is there a Generational Gap?", Proceedings of the 13th Asian-Pacific Decision Sciences Conference (APDSI 2008), Brisbane, Australia.
- Wagner, N., Hassanein, K. & Head, M. (2007), "Computer Interaction for Older Users: A Literature Review", Proceedings of the 13th Americas Conference on Information Systems (AMCIS), Colorado, USA.

- Coursaris, C., Hassanein, K., Head, M. & Bontis, N. (2007), "The Impact of Distractions on the Usability and the Adoption of Mobile Devices for Wireless Data Services", proceedings of the 15th European Conference on Information Systems (ECIS), St. Gallen, Switzerland. (*Nominated for Best Paper Award*).
- Berezny, T. & Hassanein, K. (2007), "RFID Use in Hospitals: A Business Perspective", Proceedings of the First International Workshop on RFID Technology, 9th International Conference on Enterprise Information Systems (ICEIS), Madeira, Portugal.
- Hassanein, K., Head, M. & Ju, C. (2007), "The Impact of Social Presence on the Experiences of Online Shoppers: A Cross-Cultural Study", Proceedings of the 9th International Conference on Enterprise Information Systems (ICEIS), Madeira, Portugal.
- Bliemel, M. & Hassanein, K. (2006), "An Empirical Study of Consumer Satisfaction with Online Health Information Retrieval", Proceedings of the 5th Pre-ICIS HCI Research in MIS Workshop, Milwaukee, USA.
- Cyr, D., Hassanein, K., Head, M. & Ivanov, A. (2006), "Social Presence and e-Loyalty: An Empirical Study and a Gender Comparison", 7th World Congress on the Management of eBusiness, Halifax, Canada.
- Coursaris, C., Hassanein, K. & Head, M. (2006), "Mobile Technologies and the Value Chain: Participants, Activities and Value Creation", International Conference on Mobile Business (ICMB'06), Copenhagen, Denmark.
- Wagner, N., Hassanein, K. & Head, M. (2006). "E-Learning in Higher Education: A stakeholders' Analysis", 28th International Conference on Information Technology Interfaces (ITI'06), Cavtat, Croatia,
- Bhandari, G., Deaves, R. & Hassanein, K. (2006), "Can Decision Support Systems Debias Investors? Administrative Sciences Association of Canada Conference (ASAC'06), Banff, Canada.
- Hassanein, K. & Head, M. (2004), "Instilling Social Presence through the Web Interface", Proceedings of the 3rd Annual Pre-ICIS Workshop on HCI Research in MIS, ICIS-2004, Washington, DC, USA. (*Nominated for Best Paper Award*).
- Ahmad, A.R., Basir, O.A., Hassanein, K. (2004), "Intelligent Decision Support System for Layout Design", Proceedings of the 9th Asia-Pacific Decision Sciences Institute Conference (APDSI'04), Seoul, Korea.
- Ahmad, A.R., Basir, O.A., Hassanein, K. (2004), "Decision Preferences, Constraints, and Evaluation Objectives in Layout Design: A Review of Modeling Techniques", Proceedings of the 5th Int'l Conf. on Operations and Quantitative Management (ICOQM-V'04), Seoul, Korea.

- Ahmad, A.R., Basir, O.A., Hassanein, K., Imam, M.H. (2004), "A Placement Algorithm for Efficient Generation of Superior Decision Alternatives in Layout design", Proceedings of the 5th Int'l Conf. on Operations and Quantitative Management (ICOQM-V'04), Seoul, Korea.
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- Ahmad, A.R., Basir, O.A., Hassanein, K., Imam, M.H. (2004), "Improved Placement Algorithm for Layout Optimization", Proceedings of the 2nd Int'l Industrial Engineering Conf. (IIEC'04), Riyadh, Saudi Arabia.
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- Hassanein, K. & Head, M. (2003), "The Impact of Product Type on Website Adoption Constructs", *Proceeding of the Sixth International Conference on Electronic Commerce Research (ICECR-6)*, Dallas, Texas, USA.
- Hassanein, K. & Head, M. (2003), "Ubiquitous Usability: Exploring Mobile Interfaces within the Context of a Theoretical Model", *Proceedings of the 15th Conference On Advanced Information Systems Engineering (CAiSE 2003)*, Velden, Austria, pp. 180-194.
- Head, M., Hassanein, K. & Cho, E. (2003), "Establishing eTrust through Humanized Website Design", *Proceedings of the 16th Bled eCommerce Conference*, Bled, Slovenia.
- Ahmad, A., Basir, O. & Hassanein, K. (2003), "Fuzzy Inferencing in Web Page Layout Design", *Proceedings of the 5th International Conference on Enterprise Information Systems (ICEIS)*, Angers, France, pp. 33-41.
- Bliemel, M. & Hassanein, K. (2003), "e-Health: A Business Process Reengineering Perspective", *Proceedings of the 4th World Congress on the Management of Electronic Commerce*, Hamilton, Ontario, Canada.
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- Head, M. & Hassanein, K. (2002), "Web Site Usability for eBusiness Success: Dimensions, Guidelines and Evaluation Methods", *Proceedings of the Hawaii International Conference on Business*, Honolulu, Hawaii, USA.
- Shaban, K., Basir, O., Hassanein, K. & Kamel, M. (2002), "Information Fusion in A Co-operative Multi-Agent System for Web Information Retrieval", *Proceedings of the Fifth International Conference on Information Fusion*, Annapolis, MD, USA, Vol. 2, pp. 1256-1262.
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- Shaban, K., Basir, O., Hassanein, K. & Kamel, M. (2002), "Intelligent Information Fusion Approach in Cooperative Multiagent Systems", *World Automation Congress, Proceedings of the 5th Biannual* vol. 13, pp. 429-434.
- El Badway, O., El-Sakka, M., Hassanein, K. & Kamel, M. (2001), "Image Data Mining from Financial Documents based on Wavelet Features", *Proceedings of the IEEE International Conference on Image Processing (ICIP)*, Thessaloniki, Greece, pp. 1078-1081.
- Hassanein, K. (2001), "Automated Analysis of Cheque Transactions In Support of Customer Relationship Management at Banks", *Proceedings of the 2nd World Congress on the Management of Electronic-Commerce*, Hamilton, Ontario, Canada.
- Scott, D., Basir, O., Hassanein, K. & Zelek, J. (1998), "Data Fusion Approach to Verifying Handwritten Signature on Bank Checks", *Proceedings of the SPIE, AIPR: Advances in Computer Assisted Recognition*, Washington DC, USA, Vol. 3584, pp. 84-95.
- El-Sakka, M., Hassanein, K. & Kamel, M. (1998), "Statistically Optimized JPEG for Image Classes: A Case Study on Financial Document Image Compression", *Proceedings of the IEEE Canadian Conference on Electrical and Computer Engineering, Waterloo, Ontario, Canada*, Vol. 1, pp. 173-176.
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- Hassanein, K. & Wesolkowski, S. (1997), "Stroke Extraction from Grayscale Images of Financial Documents Based on Figures of Importance", *Proceedings of the IEEE International Conference on Image Processing (ICIP)*, Santa Barbara, California, Vol. 3, pp. 224-227.
- Wesolkowski, S. & Hassanein, K. (1997), "A Comparative Study of Combination Schemes for an Ensemble of Digit Recognition Neural Networks", *Proceedings of the IEEE International Conference Systems, Man, and Cybernetics*, Orlando, Florida, pp. 3534-3539.

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- Hassanein, K., Deng, L. & Elmasry, M. (1994), "A Neural Predictive Hidden Markov Model for Speaker Recognition", *Proceedings of the European Speech Communication Association Workshop on Automatic Speaker Recognition, Identification and Verification*, Martigny, Switzerland, pp. 115-118.
- Hassanein, K., Deng, L. & Elmasry, M. (1994), "Vowel Classification Using A Neural Predictive HMM: A Discriminative Training Approach", *Proceedings of the International Conference on Acoustics, Speech and Signal Processing (ICASSP), an IEEE publication*. Adelaide, Australia, Vol. 2, pp. 665-668.
- Hassanein, K., Deng, L. & Elmasry, M. (1993), "A Neural Predictive Hidden Markov Model for Speech and Speaker Recognition", *Proceedings of the Fifth International Conference on Microelectronics*. Dhahran, Saudi Arabia, pp. 108-111.
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Patents Issued:

- Hassanein, K. & Marlow, G. (2005), "Method of processing a check and an apparatus therefor", U.S. Patent and Trademark Office, Patent No. 6,845,366.
- Wesolkowski, S., Hassanein, K. & Woloshyn, C. (2003), "Method of parameterizing a threshold curve for a binarization program and an apparatus therefore", U.S. Patent and Trademark Office, Patent No. 6,587,585.
- Wesolkowski, S., & Hassanein, K. (2003), "Method of Selecting One of a Plurality of Binarization Programs," U.S. Patent and Trademark Office, Patent No. 6,411,737.
- Wesolkowski, S., Hassanein, K. & Higgins, R. (1999), "Method for Extracting Relevant Character Information from Grayscale Image Data for Character Recognition," U.S. Patent and Trademark Office, Patent No. 5,963,669.

Not-peer Reviewed Articles:

Hassanein, K., Deng, L. & Elmasry, M. (1992), "Artificial Neural Networks models for Speech recognition", *Proceedings of the 1992 TRIO/ITRC Researcher Retreat*.

Eizenman, M., Hassanein, K. & Sharpe, J. (1986), "Sinusoidal Oscillations in Myasthenia Gravis", *IUPS Satellite Meeting: Developments in Oculomotor Research*.

Industry Technical Reports (selected & internal to NCR):

Hassanein, K. & El Badawy, O. (2000), "Mining Transaction data from Cheque Images".

Hassanein, K. (1999), "A Dynamically Adaptive Decision Fusion Technique for High Accuracy Cheque Amount Recognition".

Hassanein, K. & El Badway, O. (1999), "Document Image Clustering and Classification Using Wavelet Features".

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Hassanein, K. & El-Sakka, M. (1998), "Optimized Grayscale Image Quality of JPEG-Compressed Financial Documents".

Hassanein K. & Wesolkowski, S. (1996), "An Integrated System for Automated Financial Document Processing".

Hassanein, K. & Wesolkowski, S. (1996), "A Cheque Amount Recognition System Based on Grayscale Images".

Workshops & Panels:

Hassanein, K., 2012, Panelist, "Using Technology to Make Canada Competitive", Canadian Chamber of Commerce Annual Meeting, Hamilton, Ontario.

Hassanein, K. & Fahmy, A. (2009), Panel Chair and Panelist, "RFID Applications in Hospitals: Opportunities and Challenges", 8th Global Mobility Roundtable, Cairo, Egypt.

Hassanein, K. (2009), Panelist, "Do the eyes have it? Consumer Acceptance of Potentially Intrusive Identity Authentication Mechanisms", (Roger Clarke, Chair), 22nd Bled eCommerce conference, Bled, Slovenia.

Hassanein, K. (2005), Panel Chair, "Understanding and Addressing Online Trust and Privacy Issues", McMaster World Congress on the Management of eBusiness, Hamilton, Ontario, Canada.

Hassanein, K. & Head, M. (2002), "Inquiry through Case-Based Learning", Pre-Conference Workshop, STLHE 2002: Fostering the Spirit of Inquiry, Hamilton, Ontario, Canada.

Presentations, Seminars, & Invited Talks

Hassanein, K. (2014) "NeuroTech R&D at McMaster - A Business Perspective: NeuroIS", Workshop on Neurotech R&D at McMaster, McMaster University, Hamilton, Ontario, Canada.

Hassanein, K. (2014) "Adoption of Electronic Personal Health Records by Chronic Disease Patients", German University in Cairo, Cairo, Egypt.

Hassanein, K. (2013) "eCommerce: Trends and Guidelines for Success", Hamilton SharePoint Users Group, Hamilton, Ontario, Canada.

Hassanein, K. (2013) "Enhancing Consumers' Attitudes towards Online Shopping: The Role of Social Presence", EDHEC Business School, Lille, France.

Hassanein, K. (2013) "Teaching the Core MIS Course to MBA Students: Challenges & Opportunities", International Journal of Arts & Sciences (IJAS) Conference for Academic Disciplines, Paris, France.

Hassanein, K. (2013) "Enhancing Consumers' Attitudes towards Online Shopping: The Role of Social Presence", Keynote Speech, International Conference on Information Technology & e-Services (ICITeS'2013), Sousse, Tunisia.

Hassanein (2012) "The Role of Social Presence in Enhancing Consumers' Attitudes towards Online Shopping", Keynote Speech, International Conference on e-Business Technology and Strategy, Tianjin, China.

Hassanein (2012) "Understanding Consumers' Attitudes Towards Biometric Identity Authentication in Financial Transactions", University of Alexandria, Alexandria, Egypt.

Hassanein (2012) "Understanding Consumers' Attitudes Towards Biometric Identity Authentication in Financial Transactions", American University in Cairo, Cairo, Egypt.

Hassanein, K. & Head, M. (2011) "The Role of Social Presence in Enhancing Consumers' Attitudes towards Online Shopping", Zhejiang Gongshang University, Hangzhou, China.

Hassanein, K. (2009), "The Role of Social Presence in Enhancing Consumers' Attitude towards Online Shopping", Faculty of Commerce, University of Alexandria, Alexandria, Egypt.

Hassanein, K. (2009), "A Program of Study on the Role of Social Presence in Enhancing Consumers' Attitude towards Online Shopping", Business K778, DeGroote School of Business, McMaster University, Hamilton, Ontario, Canada.

- Hassanein, K. (2009), "The Role of Social Presence in Enhancing the Online Shopping Environment", International Conference on Information Science, Technology and Applications (ISTA 2009), Kuwait, Kuwait.
- Hassanein, K. (2009), "Online Shopping with a Touch of Human Warmth", Cairo University, Cairo, Egypt.
- Hassanein, K. & Head, M. (2008), "Consumers' Acceptance of Biometrics as an Identity Verification Technology", Charles Sturt University, Bathurst, Australia.
- Hassanein, K. (2007), "A Program of Study on the Role of Social Presence in Enhancing Consumers' Attitude towards Online Shopping", Business K778, DeGroote School of Business, McMaster University, Hamilton, Ontario, Canada.
- Hassanein, K. & Head, M. (2006), "Wireless Usability", Ottawa Wireless Cluster, Ottawa, Ontario, Canada.
- Hassanein, K. (2006), "Bringing Social Presence to Online Shopping through the Web Interface", Faculty of Business and IT, University of Ontario Institute of Technology. Oshawa, Ontario, Canada.
- Hassanein, K. (2005), "Bringing Social Presence to Online Shopping through the Web Interface", eRetail Symposium, DeGroote School of Business, McMaster University, Hamilton, Ontario, Canada.
- Hassanein, K. & Head, M. (2004), "Online Shopping with a Touch of Human Warmth", Institute for Information Technology e-Business, National Research Council Canada (NRC), Fredericton, New Brunswick, Canada.
- Hassanein, K. & Head, M. (2003), "Instilling Online Trust through Humanized Website Design", University of Texas (Austin) Research Seminar, Austin, Texas, USA.
- Hassanein, K. (2003), "m-Commerce: A Consumer's Perspective", Mobile Commerce: A Business Perspective Workshop at CASCON 2003, Toronto, Ontario, Canada.
- Hassanein, K., & Head, M. (2003), "Engendering eTrust through Humanized Website Design", Evolaris Business Symposium, Graz, Austria.
- Hassanein, K. (2003), "An Interaction framework for Wireless Privacy", Privacy and Mobile Commerce Symposium, Queen's KBE Centre for Knowledge-Based Enterprises, Queen's University, Ontario, Canada.
- Hassanein, K. (2002), "Understanding Mobile Commerce", Computer Science Department, American University of Cairo, Cairo, Egypt.
- Hassanein, K. (2002), "Understanding Mobile Commerce", Department of Information Systems, Cairo University, Cairo, Egypt.

- Hassanein, K. & Head, M. (2002), "Education Link: eBusiness@McMaster", *Hamilton Wired Summit II: Building on our IT Culture*, Hamilton, Ontario, Canada.
- Hassanein, K. (2000), "Dynamic Decision Fusion Techniques for High Accuracy Cheque Amount Recognition", University of Guelph, Guelph, Ontario, Canada.
- Hassanein, K. (1999), "Electronic Bill Presentment & Payment U.S. Market Assessment: Opportunities for NCR", NCR, Waterloo, Ontario, Canada.
- Hassanein, K. (1998), "University/Industry Collaboration: Win-Win Arrangements", CITO Annual Meeting, Toronto, Ontario, Canada.
- Hassanein, K. (1997), "Artificial Neural Networks Modeling for Speech and Speaker Recognition", IEEE K-W Seminar, University of Waterloo, Waterloo, Ontario, Canada.
- Hassanein, K. (1997), "An Integrated Prototype System for Cheque Amount Recognition", NCR Seminar Series, NCR, Waterloo, Ontario, Canada.
- Hassanein, K. (1996), "Accurate Numeral Recognition Using Artificial Neural Networks", NCR Seminar Series, NCR, Waterloo, Ontario, Canada.
- Hassanein, K. (1995), "Identity Verification Systems: An Overview", NCR Seminar Series, NCR, Waterloo, Ontario, Canada.
- Hassanein, K. (1994), "Predictive Artificial Neural Network-HMM Architectures for Automatic Speech & Speaker Recognition", Dept. of Computer Science, University of Toronto, Toronto, Ontario, Canada.
- Hassanein, K. (1993), "A Neural Predictive HMM for Speech Recognition", National Research Council, Ottawa, Ontario, Canada.
- Hassanein, K. (1991), "NetTalk: A Text to Speech Mapping System Using Artificial Neural Networks", Computational Linguistics Group, Department of Computer Science, University of Waterloo, Waterloo, Ontario, Canada.

Academic Service

DeGroote School of Business:

- Chair, Information Systems Area (2007-Present)
- Director, McMaster eBusiness Research Centre (MeRC) (2005-Present)
- Member, Endowed Chairs Selection Committee (2014)
- Member & Module Lead, EMBA Core Design Committee (2013-Present)
- Member, Dean's Advisory Council (2007-Present)
- Member, MBA Program Development Committee (2012-Present)
- Mentor, Association of Information Systems DeGroote Student Chapter (2012-Present)
- Member, Graduate Policy and Curriculum Committee (2007-2013)
- Member, MBA Enhancement Committee (2009-2010)
- Member, Academic and Financial Planning Committee-Burlington Campus (2006-2009)
- Member, Ad Hoc Committee on Faculty Career Progress/Merit Process (2007-2008)

- Member, PhD Operating Committee (2007-2008)
- Member, Resource Renewal Committee (2008)
- Member, Burlington Programs Planning Committee (2006-2007)
- Member, Steering Committee, eHealth Network of Excellence (2006-2008)
- Member, U/G Liaison Committee (2007-2008)
- Member, Strategic Planning Workshop (2006)
- Member, Dean's Advisory Committee on Research (2005-2007)
- Faculty Research Committee (2001-2007)
- Associate Dean Selection Committee (2004)
- Dean's Advisory Committee on Computing (2002-2005, 2007-2008)
- End-user Support Specialist Hiring Committee (2002)
- Faculty MBA Awards Committee, Chair (2001-2004)
- Innovation Research Centre Operating Committee (2001-2004)

McMaster University:

- Member, VP-Research Taskforce to examine IP Policy and Performance of Commercialization (2014-Present)
- Member, Research Branding Committee (2014-2015)
- Member, Peer Mentoring Program for New Chairs (2014-2015)
- Member, eHealth M.Sc. Program Executive Committee (2013-Present)
- Member, eHealth M.Sc. Program Curriculum Committee (2013-Present)
- Member, Associate Vice-President (International Affairs) Selection Committee (2013)
- Member, Faculty of Engineering Dean Selection Committee (2012-2013)
- Member, Working Group to Review McMaster Innovation Park (2012)
- Member, School of Business Dean Selection Committee (2011-2012)
- Chair, Task force on Alternative Budget Model Phase II (2009-2011)
- Member, Engineering Management Operating Committee (2002-2010)
- Member, Provost Advisory Group on Chairs' Workshop Series (2008-2011)
- Member, VP Administration Selection Committee (2009)
- Member, Provost Task Force to Review McMaster's Budget Model (2007-2009)
- Member, School of Business Dean Selection Committee (2008)
- Member, CIO Selection Committee (2008)
- Member, Engineering Management Director Selection Committee (2008)
- Member, Innovative Learning at McMaster Committee (2007)
- Member, Joint Sub-Committee for Career Progress/Merit Process Review (2006)
- Member, Curriculum Review Committee for Engineering Management Program (2001-2002)

Other:

- Ontario Graduate Scholarship Selection Committee, (2002-2003)
- Member, Senate Research Committee, University of Waterloo (1992-1993)
- Board Director, Graduate Student Association, University of Waterloo (1991-1993)