Dr. Roya Gholami

Aston University, Aston Triangle,
Birmingham, B4 7ET
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Citizenship: British
Languages: English, Persian, Azeri

Education

Postgraduate Professional Certificate in Learning and Teaching in Higher Education (20 credits), 2009
Aston University, Birmingham, UK
Associate of the Higher Education Academy, UK

Ph.D. Management Information Systems, 2006
National University of Singapore
Thesis Topic: *Essays on Information and Communication Technology: Investment, Usage and Economic Impacts*

B.Sc. Applied Mathematics in Computer Science, 1992-1997
Khajeh Nasir Toosi University of Technology, Tehran

Academic Experience

Operations and Information Management Group, Aston Business School,
Senior Lecturer, June 2011- Present
Business Research and Consultancy Course Director

Operations and Information Management Group, Aston Business School,
Lecturer, November 2005- May 2011

National University of Singapore, Research Scholar, 2001-2005

Industry Experience

Training and Research Center, Red Crescent Society of Iran, 1998-2001
Network Admin, Programmer

Oil Industries' Engineering & Construction, Tehran, 2000-2001
Programmer, IT support staff

Malleable Company, Auto Industry, Tehran, 1997-1998
Programmer, IT support staff

Research Interests

IT Business Value
Green IT/ IT for Green
IT Adoption and Diffusion
Healthcare Information Systems

Publications

Papers in Refereed Journals

- Clegg B., Gholami R., Ergun M., (2012), The link between Quality Management and Performance: A Comparative Study between the UK and Turkey, ***Production Planning and Control***, 2012, 1–17.
- Al-Somali S, Gholami R., and Clegg B. (2011), E-business Adoption in Saudi Arabian Private Sector, ***International Journal for Digital Society***, 2 (2), 376 – 382.
- Al-Somali S., Gholami R., Clegg B. (2011), An Investigation into the Adoption of Electronic Commerce among Saudi Arabian SMEs, ***Journal of Electronic Commerce in Organizations,*** 9 (2), 41-65.
- Emrouznejad A., Cabanda M., and Gholami R. (2010), An alternative measure of ICT- opportunity index using linear programming, ***Information & Management***, *47 (4)*, 246-254.
- Gholami R., Anon Higon D, Hanafizadeh P., Emrouznejad A. (2010), Is ICT Key to Development? ***Journal of Global Information Management***, 18 (1), 66-83.
- Shirazi F., D. Anon Higon and R. Gholami (2010), Do FDI and Trade Openness Explain the Digital Divide between Asia Pacific and Middle East? ***Journal of Global Information Management*** 18(3), 59-81.
- Gholami R., Koh E., and Lim J. (2010), A Survey on the Post-Adoption of Broadband Internet, ***Information Resource Management Journal,*** 23(1), 35-52.
- Gholami R., Ogun A., Koh E. and Lim J. (2010), Factors Affecting e-Payment Adoption in Nigeria, ***Journal of Electronic Commerce in Organizations,*** 8 (4), 51-67. Best Published Journal Article in *JECO* for 2010.
- Hanafizadeh P., Gholami R., Dadbin S., and Standage N. (2010), The Core Critical Success Factors in Implementation of Enterprise Resource Planning Systems, ***International Journal of Enterprise Information Systems***, 6 (2), 82-111.
- Gholami R., Guo X.J., Anon Higon D., Lee S.Y.T. (2009), Information and Communication Technology (ICT) International Spillovers, ***IEEE Transactions on Engineering Management*** 56(2), 329-340.
- Shirazi F., Gholami R., Anon Higon D. (2009), The impact of information and communication technology (ICT), education and regulation on economic freedom

in Islamic Middle Eastern countries, ***Information & Management*** 46 (8), 426-433.

- Al-Somali S., Gholami R., Clegg B. (2009), Online Banking Acceptance in Saudi Arabia, ***Technovation*** 29 (2), 130-141.
- Gholami R., Lee S.Y.T, and Heshmati A. (2006), The Causal Relationship between Information and Communication Technology and Foreign Direct Investment, ***World Economy*** 29 (1), 43-62.
- Lee S.Y.T., Gholami R. and Tong (2005), Time Series Analysis in the Assessment of ICT Impact at the Aggregate Level – Lessons and Implications in the New Economy, ***Information and Management*** *42* (7), 1009–1022.
- Gholami R., Moshiri S. and Lee S.Y.T (2004), ICT and Technical Efficiency of the Manufacturing Industries in Iran, ***Electronic Journal of Information Systems in Developing Countries*** 19 (4), 2004, 1-19.

Under Review

- Gholami R., Sulaiman A. Ramayah T. and Alemayehu M., Managers' Perception on Green Information Systems (IS) Adoption and Business Value: Results from a Field Survey, under second round review by ***Information & Management***.
- Shirazi F., Gholami R., Anon Higon D., The impact of ICT, Political Freedoms and Educational Attainment on Environmental Sustainability: A Global Perspective, under review by ***Information Systems Research***.
- Gholami R. and Kohli R., Business value of IT, Wiley Encyclopedia of Management Volume 7 Management Information Systems, (Volume editors: Detmar Straub and Richard Welke), under review.
- Al-Somali S., Gholami G. Clegg B, An Examination of the Role of Innovation Characteristics on the Adoption of B2B E-Commerce, under review by ***International Journal of Electronic Commerce.***

Refereed Book Chapters

- Shirazi F., D. Anon Higon and R. Gholami (2012), ICT diffusion and Foreign Direct Investment: A Comparative study between Asia-Pacific and the Middle Eastern Economies", The special book edition of JGIM, *International Comparisons of Information Communication Technologies: Advancing Applications*.
- Al-Somali, S. A., Clegg B., Gholami R. (2010), An Investigation into the Adoption and Implementation of Electronic Commerce in Saudi Arabian Small and Medium Enterprises. In Al-Khalif, E.M.(ed.) E-Strategies for Resource Management Systems: Planning and Implementation. IGI Global Publishing.
- Al-Somali, S., Clegg B., Gholami R., (Summer 2009). Critical factors Affecting an Electronic Commerce Adoption in Small and Medium Enterprises (SMEs), In

Xu, J. and Quaddus, M. (ed.) E-business in the 21st Century: Realities, Challenges, and Outlook. World Scientific Publishing.

- Al-Somali S., Clegg B., Gholami R. (2009), E-Business Adoption and its Impact on Performance”**,** Encyclopedia of E-Business Development and Management in the Digital Economy, IGI Global (formerly Idea Group Inc).
- Gholami R., Lim J. and Lee S.Y.T, (2007), "The Relationship Between Intention and Usage: A Survey on the Adoption and Usage of Broadband Internet," *Handbook of Research on Global Diffusion of Broadband Transmission*, edited by Y.K. Dwivedi, A. Papazafeiropoulou, and J. Choudrie, Idea Group Publishing Inc.

Working Papers

- Emrouznejad A., Cabanda M., and Gholami R. (2009), Measuring information society with linear programming, ABS Working Paper, RP0909.
- Gholami R, Ogun A. Koh E. and Lim J. (2009), Factors Affecting e-Payment Adoption in Nigeria, ABS Working Paper,RP0907.
- Shirazi F., D. Anon Higon and R. Gholami (2009), The Impact Of Foreign Direct Investment And Trade Openness On ICT Expansion: A Comparative Analysis Of Asia Pacific And Middle Eastern Countries, ABS Working Papers, RP0901.
- Shirazi F., Gholami R., Anon Higon D. (2008), Does ICT promote Economic Freedom in Middle East? ABS Working Paper, September, RP0814.
- Gholami R., Emrouznejad A. and Schmidt H. (2008), The Impact of ICT on Productivity of Airline Industry, ABS Working Paper, May, RP0809.
- Al-Somali S., Gholami R. and Clegg B., (2008), Internet Banking Acceptance in the Context of Developing Countries, ABS Working Paper. RP0803.
- Gholami R., Hanafizadeh P., Emrouznejad A. and Agheli L. (2008), Information and Communication Technology and Human Development, ABS Working Paper, RP0810.
- Gholami R., Guo X.J, Anon Higon D., Lee S.Y.T. (2007), Externality Effects Of Information and Communication Technologies across Country Borders, ABS Working Paper, June, RP0717.
- Gholami, John Lim, Yingqin Zhong (2007), Determinant Of Broadband Internet Adoption And Continuance In Singapore, ABS Working Paper, July. RP0718
- Gholami R., Lim J., and Koh E. (2006), A Survey On Post-adoption Of Broadband Internet, ABS Working Paper. PR0008

Research Grants and Awards

- Beta Gamma Sigma Certificate, 2011
- CSI Sandpit for funding the proposal (2010), *Using Semantic Technologies in Encouraging Green Behavior*, £15,000 (with Christopher Brewster and Suparna Goswami).
- 2009 CSI Sandpit for funding the proposal "*Engaging different communities with sustainability*", £14,500 (with Carole Parkes, Ajmal Hossain and Richard Cooke).
- British Academy Small Grant on "*International ICT Spillovers*", £7,500.
- National University of Singapore Postgraduate Research Scholarship, 2001-2005
- Conference Grant, WIDER conference on sharing Global Prosperity, World Institute for Development Economic Research, 2003.

Conferences and Talks

- "A Design Science Approach for Engaging Managers of Small and Medium Sized Enterprises into IT for green", Green IS/IT Strategies and Technologies Track of the 2012 International Conference on Information Resources Management, Vienna University of Economics and Business (WU WIEN), Austria, May 21-23.
- "The impact of ICT, Political Freedoms and Educational Attainment on Environmental Sustainability: A Global Perspective" at TU Munich, September 2011, Munich, Germany.
- "E-business Adoption in Saudi Arabian Private Sector" at International Conference on Information Society, i-Society IEEE 28-30 June, 2010, London.
- "Business-to-Business E-Commerce Adoption in Saudi Arabia: The Moderating Effect of Technology Consultants' Orientation" at IAMOT 2011 International Conference, Florida, USA April 10-14.
- "An Investigation into the Adoption of Electronic Business in Saudi Arabia using the Technology-Organization-Environment Framework" at UKAIS Conference 2010, 23-24 March 2010, University of Oxford.
- "Contextual antecedents of Electronic Commerce Adoption Among Organization in Developing Arab High-income Economies: Evidence from the Private Sector in Saudi Arabian" in West Midlands Regional Doctoral Colloquium (Aston business school and Birmingham University Business Schools), Aston University, 18 June 2010
- "Exploring the Adoption of Electronic Commerce in Saudi Arabia: The Case of Small and Medium Enterprises" in International Conference on Technology and Business Management, Dubai, UAE, 2009
- "Online banking acceptance in Saudi Arabia" at European Management of Technology (EuroMOT) Conference, Nice, France, 17-19th September, 2008.

- "E-commerce Adoption in Small and Medium Enterprises (SMEs) in Saudi Arabia" at West Midlands Regional Doctoral Colloquium (Aston, Birmingham and Warwick Business Schools), Aston University, Birmingham, 30 June 2008
- "Measuring information society with linear programming" at 1st Annual SIG GlobDev workshop at ESCP-EAP University, Paris, France, 2008.
- Panelist on Global Diffusion of Broadband: Current State & Future Directions for Investigation, IFIP 8.6, University of Salford, 2007.
- "A Survey on Post-adoption of Broadband Internet" at IAMOT, Aston Business School, Aston University, Birmingham, 2006.
- "The Causal Relationship between Information and Communication Technology and Foreign Direct Investment" at European Conference on Information Systems (ECIS), Naples, Italy, 2003.
- "The Relationship between ICT and FDI" at WIDER conference on sharing Global Prosperity, World Institute for Development Economic Research, Helsinki, 2003.
- "International ICT Spillovers" at Workshop on Information Systems and Economics (WISE), Barcelona, Spain, 2002.

Other Professional Activities

- Associate Editor for Green IS Track, European Conference on Information Systems (ECIS), Netherlands, June 5-8, 2013.
- Co-chair of the "Green IS/IT Strategies and Technologies" track at the 2013 International Conference on Information Resources Management (Conf-IRM) Natal, Brazil, May 22-24, 2013.
- Track Chair (with Petra Staufer-Steinnocher), Green IS/IT Strategies and Technologies Track of the 2012 International Conference on Information Resources Management, (An AIS Affiliated Conference), Vienna University of Economics and Business (WU WIEN), Vienna, Austria, May 21-23.
- Economic and Social Research Council and Department for International Development (ESRC-DFID) Joint Scheme for Research on International Development, Member of Academic Peer Review Group.
- Associate Editor for Adoption and Diffusion track on European Conference on Information Systems (ECIS), 2012.
- Editorial review board of special issue of *MIS Quarterly* on Co-creating IT Value: New Capabilities and Metrics for Multi-Firm Environments.
- Editorial Advisory Board Members for the book "Adoption, Usage, and Global Impact of Broadband Technologies: Diffusion, Practice and Policy." Dr Yogesh K. Dwivedi.
- Associate Editor for ECIS (2012) track proposal on IS innovation, adoption and diffusion.

- Editorial Board member of *Journal of Information Technology for Development (JITD)*
- Editorial Board member of *International Journal of Information Systems and Social Change.*
- Member of organizing team for EuroMOT Conference, Aston Business School (September 2006)

Ad-hoc Reviewer for:

Management Science, MIS Quarterly, Journal of Management Information Systems (JMIS), IEEE Transaction on Engineering Management, Communication of AIS, Journal of Information Technology for Development, Electronic Journal of Information Systems in Developing Countries, Journal of Enterprise Information Management, World Development, Journal of Strategic Information Systems, Telecommunications Policy, Handbook of Research on Global Diffusion of Broadband Data Transmission, International Conference on Information Systems (ICIS), Pacific Asia Conference on Information Systems (PACIS), The Handbook of Technology Management, European Conference on Information Systems (ECIC).

Professional Membership

Association for Information Systems (AIS)
UK Academy for Information Systems (UKAIS)
British Academy of Management (BAM)
Decision Sciences Institute (DSI)
Institute for Operations Research and Management Sciences (INFORMS)

Doctoral Student Advising

- Sabah Al Somali, Electronic Commerce Adoption in Small and Medium Enterprises, **Successfully Completed, May 2011**.
- Elkaterina Thomas, Technological catch-up through technological learning strategies: The case of Russian timber industries.
- Nicola Redi, Innovation, networking and globalization: how should Italian industrial clusters access radical innovation on global scale?
- Ismat Rahman, Embeddedness of environment-friendly Information Technology (IT) in supply chain: Evidence from Bangladeshi large companies.

Masters Student Advising

I have supervised several undergraduate placement and MSc/MBA projects.

Doctoral Thesis Examiner

- Eduardo Rodriguez (Ph.D., 2011, Examiner) – Aston Business School
- Bashar Ababneh (Ph.D. December 2011, Examiner) – Aston Business School

Teaching

BNM806: Information Systems Management (PG level)
BNM814: Green Information and Operations Management (PG Level)
BN2228: Systems Analysis (UG level)
BN2229: Systems Analysis Project (UG level)
BN2288: Management Science Methods (UG level)
BN2231: Decision Support Systems (UG level)
BN3383: Management Science Project (UG level)