

Jason Arthur Watson (Resume)

Personal Information

Given names: Jason Arthur
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Born: 26 January 1971
Nationality: Australian and British

Academic Qualifications

1996-2000	Ph.D.	Huddersfield University, Engineering
1990-1996	BEng (Honors)	University Huddersfield, Electronic & Information Engineering
1987-1989	BTEC OND	Blackpool & Fylde College, Engineering & Technology

Recognition and Awards

- QUT School of Information Systems Teaching Excellence Award, 2014.
- QUT Vice-Chancellors Outstanding Performance Award, 2008.
- QUT Teaching Fellowship Sabbatical Award for excellence in Teaching Innovation, 2005 to 2006.
- University of Huddersfield Merit Award for excellence, 2003.
- UK Government Teaching Company Scheme Excellence Certification for stimulating collaborative research and development projects between Higher Education and Industry, 2002.
- North West Lancashire Engineering Employers Association: Best Student on a BTEC National Diploma in Technology, 1990.

Positions Held

Senior Lecturer in Social Technology Innovation (January 2003 onwards)

School of Information Systems, Science and Engineering Faculty, Queensland University of Technology (full time).

As a Senior Lecturer at QUT I have demonstrated success at teaching postgraduate and undergraduate courses to a diverse body of students across a range of innovative and emergent topic areas. In 2005 I was recognised for teaching excellence and appointed as a University Teaching Fellow to provide consultancy on learning innovation and teaching strategies around the university. In 2007, I broadened my interests to include university administration and undertook the role of Assistant Dean (International) for a period of three years (more on this below). In 2008 I received a Vice-Chancellors Outstanding Performance Award and in 2010 I returned to the School of Information Systems in the newly formed Science and Engineering Faculty to coordinate Digital Environments education and to progress research into Social Technology Innovation.

Assistant Dean International (October 2006 to December 2009)

Faculty of Information Technology, Queensland University of Technology (full time).

As Assistant Dean (International) in the Faculty of Information Technology (FIT) at Queensland University of Technology I demonstrated a successful track record of directing a significant and complex portfolio and with effecting positive cultural change. Under my leadership FIT established multiple transnational courses, widened its international market, increased international enrolments, and enhanced its International pathways. Importantly, international business is now much higher up on the agenda of faculty academics who are achieving greater outcomes in this area.

Lecturer then Senior Lecturer in E-commerce and Multimedia (February 1999 to June 2003)

School of Engineering, The University of Huddersfield (full time).

Whilst at Huddersfield I developed the first undergraduate E-commerce and Multimedia degree course in the UK. I instigated collaboration between the Dept. of Electronic Engineering and the Dept. of Marketing, produced key documentation, and led the development team. The course was successfully validated in June 2000 and is continuing to attract a good number of students. As course leader I was responsible for its strategy and direction until I left Huddersfield in 2003. I underpinned the new course with industry relevance by obtaining significant industry sponsorship including: £250,000 worth of software from ClearCommerce Limited (payment processing and fraud detection software); £16,500 of hardware to host the above software; and a three year £40,000 student sponsorship programme with Sun Microsystems to assist with course promotion and student motivation.

Senior Training Systems Engineer (November 1996 to February 1999)

VEGA Group PLC

My role was to lead the research and development of novel computer based training applications. This work ultimately formed the basis for my PhD Doctoral Research.

Academic and Professional Leadership

Management

As Assistant Dean, International in the Faculty of Information Technology (FIT) I provided strategic leadership in the Faculty's international development arena identifying, promoting and building opportunities for student recruitment and for enhancing the Faculty's international reputation. This included growing international linkages for the Faculty, including research partnerships and joint educational opportunities, and growth in student enrolments both onshore and through international partnerships. As a member of the Deans Executive Group I was responsible for achieving the Faculty's strategic goals and key performance indicators relevant to international engagement.

Professional Publications

- Islam, M. B., Watson, J., Iannella, R., and Geva, S. (2014). What i want for my social network privacy. *National ICT Australia (NICTA) Technical Paper*.
- Wijaya, S. W., Watson, J., and Bruce, C. (2013). Addressing public and private issues in a virtual ethnography study of an open online community: a reflective paper. *Framework for Responsible Research and Innovation (FRRICT), The University of Oxford Department of Computer Science*. This paper received an award of £500 from FRRICT

Conference Involvement

- Social Media Track Co-Chair for Australasian Conference on Information Systems [ACIS], Adelaide, Australia, 2015.

Teaching Performance and Leadership

I demonstrate more than 10 years of success at teaching postgraduate and undergraduate courses to a diverse body of students and have been identified as an exemplar (Teaching Fellow) to disseminate good pedagogical approaches throughout the institution. I have led the development of new degree courses and underpinned them by obtaining significant sponsorship from industry.

Recent Teaching evaluations

(A = “Number of Respondents”, B = “This unit provided me with good learning”, C = “I took advantage of the opportunities to learn in this unit.”, D = “Overall, I am satisfied with this unit”. Scores are out of 5 with 5 high):

<i>Yr/Sem</i>	<i>Unit</i>		<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>notes</i>
2014/1	INN347	“Web 2.0 Applications”	41%	3.8	3.9	3.6	Postgraduate
2014/1	INB347	“Web 2.0 Applications”	32%	3.8	3.7	3.7	Undergraduate
2015/1	INB347	“Web 2.0 Applications”	28%	4.2	4.0	4.0	Undergraduate

Sample of student comments from INB347 Web 2.0 Applications 2015

”Jason is very passionate about the content, which is a great motivator and helps promote enthusiasm”

”A special thanks for Dr Jason Watson and Ms Reihaneh Bidar for the efforts made throughout the semester”

”I very much enjoyed this unit - the teaching structure was great”

”Great unit, good to learn the concepts and ideas in regards to web design, social media design and the broader engagement of people within technology”

Units Taught

I am a Registered Practitioner of the Higher Education Academy (UK) and have developed and taught curricula from 1998 at both postgraduate and undergraduate levels to a diverse body of students.

- *Queensland University of Technology, Australia*
 - **Electronic Commerce postgraduate and undergraduate (2003/2, 2004/2, 2005/2, 2006/2).**
 - **Professional Skills undergraduate (2004/1, 2005/1, 2006/1).**
 - **Web 2.0 postgraduate and undergraduate (2009/1, 2010/1, 2011/1, 2012/1, 2013/1, 2014/1, 2015/1).**
 - **Enterprise 2.0 postgraduate and undergraduate (2008/2, 2009/2, 2010/2, 2011/2, 2012/2, 2013/2, 2014/2, 2015/2).**
- *The University of Huddersfield, United Kingdom*
 - **Multimedia Applications (2000/1&2, 2001/1&2, 2002/1&2, 2003/1&2).**

Teaching and Learning Grants

Funds obtained to support teaching and learning scholarly activity - **\$358,000 AUD** in total.

- QUT TALSS Teaching Fellows Scheme B, \$20,000, seconded for one day a week during the period 7/2/05 to 18/11/05 to develop best practice guidelines to deal teamwork issues such as conflict resolution in large undergraduate units.

- University Teaching and Learning Large Grant, Queensland University of Technology, \$273,600 (consisting of \$150,000 cash and \$123,600 in-kind), 2005-2008, to support explorative learning by providing collaborative problem centred e-learning environments. This project was a collaboration between Faculty of Information Technology and the Faculties of Health and Education. *Principal Investigator*
- CITI Seeding grant and Teaching and Learning Small Grant (50:50), \$10,000, 2005-2006, for developing a Collaborative Problem Based Constructivist Online Learning Environment. *Principal Investigator*
- Learning and Teaching Innovation, Huddersfield University, 29,350, 2003-2004, for developing a collaborative adaptive learning environment *Principal Investigator*

Postgraduate Supervision

Completions as Principal

1. **Doctor of Philosophy:** Islam, M. B. (2014). *Privacy by design for social networks*. PhD thesis, Queensland University of Technology
2. **Doctor of Philosophy:** Panahi, S. (2014). *Social media and tacit knowledge sharing : physicians' perspectives and experiences*. PhD thesis, Queensland University of Technology
3. **Master of Philosophy:** Reddy, V. P. (2014). The influence of social media on international students' choice of university and course. Master's thesis, Queensland University of Technology
4. **Doctor of Philosophy:** Alqahtani, F. H. (2013). *The adoption of Web 2.0 within enterprises : employees' perspectives*. PhD thesis, Queensland University of Technology
5. **Doctor of Philosophy:** Zakaria, M. H. (2013). *E-learning 2.0 experiences within higher education : theorising students' and teachers' experiences in Web 2.0 learning*. PhD thesis, Queensland University of Technology
6. **Master of Philosophy:** Kuisma, J. (2002). Enhancing e-learning using intelligent systems. Master's thesis, The University of Huddersfield

Completions as Associate

7. **Doctor of Philosophy:** Aldraehim, M. S. A. (2013). *Cultural impact on e-service use in Saudi Arabia*. PhD thesis, Queensland University of Technology
8. **Doctor of Philosophy:** Risco, S. (2012). *Supporting the learning of rapid application development in a database environment*. PhD thesis, Queensland University of Technology

Research

Major Research Areas

I conduct theoretical and systems research into Social Technology. In particular I work at understanding, deriving, and modelling the characteristics of social technology platforms (and their users). My work has provided the community with frameworks that explain human behaviour on Social Platforms in such a way as to inform our understanding of social technology design, adoption and impact.

Publications

Featured article

Panahi, S., Watson, J., and Partridge, H. (2013). Towards tacit knowledge sharing over social web tools. *Journal of Knowledge Management*, 17(3):379–397

Researchers debate whether tacit knowledge sharing through information technology (IT) is actually possible. Our research demonstrates, that despite this debate, there are significant theoretical arguments and

empirical indicators supporting the notion that the social web facilitates tacit knowledge sharing. Our acceptance in the Journal of Knowledge Management validates that our work has been considered by the Knowledge Management Community as a substantial contribution to this hotly contested area.

Refereed Journal Articles

7. Panahi, S., Watson, J., and Partridge, H. L. (2014). Social media and physicians : exploring the benefits and challenges. *Health Informatics Journal*
8. Panahi, S., Watson, J., and Partridge, H. (2013). Towards tacit knowledge sharing over social web tools. *Journal of Knowledge Management*, 17(3):379–397
9. Aldraehim, M., Edwards, S. L., Watson, J. A., and Chan, T. (2013b). Cultural impact on e-service use in Saudi Arabia: the need for interaction with other humans. *International Journal of Advanced Computer Science*, 3(2)
10. Zakaria, M. H., Watson, J., and Edwards, S. L. (2012). The adoption of e-learning 2.0 in higher education by teachers and students : an investigation using mixed methods approach. *International Journal of e-Education, e-Business, e-Management and e-Learning*, 2(2):108–112
11. Aldraehim, M. S., Edwards, S. L., Watson, J. A., and Chan, T. (2012c). Cultural impact on e-service use in Saudi Arabia: the role of nepotism. *International Journal for Infonomics (IJI)*, 5(3/4):655–662
12. Zakaria, M. H., Watson, J., and Edwards, S. (2010). Investigating the use of web 2.0 technology by malaysian students. *Multicultural Educational and Technology Journal*, 4(1):17–29
13. Hrastinski, S. and Watson, J. (2009). Designing and evaluating an online role play in conflict management. *Campus-Wide Information Systems*, 26(4):287–297
14. Edwards, S. L., Watson, J. A., Farrell, A. M., and Nash, R. E. (2007). Delivering on the e-learning promise: a case for a learning environment that enables collaborative online problem solving (cops). *Journal of Learning Design*, 2(1):25–36. The contents of this journal can be freely accessed online via the journal’s web page (see hypertext link)
15. Watson, J., Ahmed, P. K., and Hardaker, G. (2007). Creating domain independent adaptive elearning systems using the sharable content object reference model. *Campus-Wide Information Systems*, 24(1):45–71
16. Watson, J. and Hardaker, G. (2005). Steps towards personalised learner management system (lms): Scorm implementation. *Campus-Wide Information Systems*, 22(2):56–70
17. Watson, J. and Ahmed, P. K. (2004). Learning in the age of global information technology: development of a generic architecture for an advanced learning management system. *Campus-Wide Information Systems*, 21(1):4–21

Book Chapters

18. Alqahtani, F. H., Watson, J., and Partridge, H. (2011). *The use of social technology to support organisational knowledge*, pages 140–164
19. Wijaya, S. W., Watson, J., and Bruce, C. S. (2014). Migrant worker empowerment in online communities. In Khosrow-Pour, M., editor, *Encyclopedia of Information Science and Technology [Third Edition]*, pages 6503–6513. IGI Global

Refereed Conference Papers

20. Alqahtani, F. H., Watson, J., and Partridge, H. (2014a). Organizational support and enterprise web 2.0 adoption: a qualitative study. In *20th Americas Conference on Information Systems, AMCIS 2014, Savannah, Georgia, USA, August 7-9, 2014*
21. Alqahtani, F. H., Watson, J., and Partridge, H. (2014b). Web 2.0 within organisations: Bridging the gap between KM technology-centred and people-centred approaches. In *2014 International Conference on Collaboration Technologies and Systems, CTS 2014, Minneapolis, MN, USA, May 19-23, 2014*, pages 570–573

22. Aldraehim, M., Edwards, S. L., Watson, J., and Chan, T. (2013a). Cultural impact on e-service use in Saudi Arabia: The need for service oriented culture. In *19th Americas Conference on Information Systems, AMCIS 2013, Chicago, Illinois, USA, August 15-17, 2013*
23. Narayan, B., Talip, B. A., Watson, J., and Edwards, S. L. (2013). Social media as online information grounds: A preliminary conceptual framework. In *Digital Libraries: Social Media and Community Networks - 15th International Conference on Asia-Pacific Digital Libraries, ICADL 2013, Bangalore, India, December 9-11, 2013. Proceedings*, pages 127–131
24. Mathiesen, P., Bandara, W., and Watson, J. (2013). The affordances of social technology: a BPM perspective. In *Proceedings of the International Conference on Information Systems, ICIS 2013, Milano, Italy, December 15-18, 2013*
25. Alqahtani, F. H., Watson, J., and Partridge, H. (2013). Employees' adoption of enterprise web 2.0: The role of technological attributes. In *17th Pacific Asia Conference on Information Systems, PACIS 2013, Jeju Island, Korea, June 18-22, 2013*, page 222
26. Aldraehim, M., Edwards, S. L., and Watson, J. (2012a). Cultural impact on e-service use in Saudi Arabia: Results from focus groups. In *Ninth International Conference on Information Technology: New Generations, ITNG 2012, Las Vegas, Nevada, USA, 16-18 April, 2012*, pages 744–750
27. Panahi, S., Watson, J., and Partridge, H. (2012a). Potentials of social media for tacit knowledge sharing amongst physicians : preliminary findings. In *23rd Australasian Conference on Information Systems*, Deakin University, Geelong, VIC. Deakin University, Australia
28. Aldraehim, M. S., Edwards, S. L., Watson, J. A., and Chan, T. (2012b). Cultural impact on e-service use in Saudi Arabia: results from questionnaire. In *International Conference on Information Society (i-Society 2012)*, pages 230–236, London. IEEE
29. Panahi, S., Watson, J., and Partridge, H. (2012b). Social media and tacit knowledge sharing: Developing a conceptual model. In *International Conference on Information Retrieval and Knowledge Management (ICIKM12)*, pages 1095–1102, Paris, France. World Academy of Science, Engineering and Technology (WASET)
30. Mathiesen, P., Watson, J., Bandara, W., and Rosemann, M. (2011). Applying social technology to business process lifecycle management. In *Business Process Management Workshops - BPM 2011 International Workshops, Clermont-Ferrand, France, August 29, 2011, Revised Selected Papers, Part I*, pages 231–241
31. Alqahtani, F. H., Watson, J., and Partridge, H. L. (2010a). Users adoption of web 2.0 for knowledge management : position paper. In Brown, I., editor, *The International Conference on Information Management and Evaluation*, pages 19–29, University of Cape Town, Cape Town. Academic Publishing Limited
32. Alqahtani, F. H., Zakaria, M. H., and Watson, J. (2010b). Web 2.0 applications in enterprises and education. In *2010 e-CASE & e-Tech International Conference*, The Grand Lisboa, Macau, China
33. Zakaria, M. H., Watson, J. A., and Edwards, S. L. (2009). The incorporation of web 2.0 into learning design : an implementation model from the perspectives of teachers and students. In Chova, L. G., Belenguer, D. M., and Torres, I. C., editors, *The International Conference on Education and New Learning Technologies*, pages 3510–3521, Barcelona. International Association of Technology, Education and Development, Spain
34. Clements, I., Xu, Z., and Watson, J. (2003b). Extending scorm metadata layers for enhancing on-line interactive learning. In Williams, R., editor, *2nd European Conference on E-Learning Glasgow Caledonian University, Glasgow, 6-7 November 2003*, pages 105–114. Academic Conferences Limited
35. Clements, I., Watson, J., and Xu, Z. (2003a). Solutions to improve retention in virtual learning environments. In Longman, D., editor, *Association for Information Technology in Teacher Education 2003 Annual Conference Programme and Abstracts*, pages 12–15. Learning Matters
36. Kuisma, J. and Watson, J. (2002). Scheduling and monitoring dynamic learning objects on the web. In Barker, P. and Rebelsky, S., editors, *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2002*. Ed/ITLib Digital Library, Association for the Advancement of Computing in Education (AACE)

37. Axelos, N., Watson, J., Taylor, D., and Platts, A. (2002). Built-in-self-test of analogue circuits using optimised fault sets and transient response testing. In *On-Line Testing Workshop, 2002. Proceedings of the Eighth IEEE International*, pages 135–139
38. Wood, D. and Watson, J. (2002). Factors limiting the proliferation of e-learning within small to medium sized enterprises. In Driscoll, M. and Reeves, T. C., editors, *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2002*, pages 1049–1055, Montreal, Canada. Association for the Advancement of Computing in Education (AACE)
39. Watson, J., Taylor, D., and Lockwood, S. (1999a). Visualisation of data from an intranet training systems using virtual reality modelling language (vrml). In *Information Visualization, 1999. Proceedings. 1999 IEEE International Conference on*, pages 37–44
40. Watson, J., Taylor, D., and Lockwood, S. (1999b). Visualisation of data from an intranet training systems using virtual reality modelling language (vrml). In *Information Visualization, 1999. Proceedings. 1999 IEEE International Conference on*, pages 37–44, SOAS, University of London, London, UK
41. Watson, J., Knowles, D., Smith, P., and Taylor, D. (1997a). Delivery, scheduling and monitoring of computer-based learning material over computer networks. In *Proceedings of the 3rd International Conference on Computer Based Learning in Science*, De Montfort University, Leicester, UK
42. Watson, J., Knowles, D., Smith, P., and Taylor, D. (1997b). Designing next generation computer-based training products which exploit the internet. In *Proceedings of the Teaching Company Directorate Conference on Multimedia*, University College of North Wales, Bangor, UK

National or Regional Conference Papers

43. Edwards, S. L., Watson, J. A., Nash, R. E., and Farrell, A. (2005). Supporting explorative learning by providing collaborative online problem solving (cops) environments. In *OLT 2005: Beyond delivery*, pages 81–89, Brisbane, Australia. Brisbane: Dept. of Teaching and Learning Support Services, Queensland University of Technology

Theses

44. Watson, J. (1999). *Monitoring computer-based training over computer networks*. PhD thesis, University of Huddersfield. EThOS Persistent ID uk.bl.ethos.323938
45. Watson, J. (1996). *A Novel Reading Aid for the Blind*. Honors thesis, University of Huddersfield

Grants

Total research funds obtained from EXTERNAL sources - \$648,000 AUD total

1. TCS Scheme, DTI/EPSRC and industry Partner, £100,920 (£70,280 grant + £30,640 company), 2002-2004, Linkage between Huddersfield University and TFE Ltd. For developing a flexible mode e-Learning framework and an Intelligent Tutoring System. *Principal Investigator*
2. TCS Scheme, DTI/EPSRC and industry Partner, £97,320 (£68,120 grant + £29,200 company), 2001-2003, Linkage between Huddersfield University and NTP Information Solutions Limited. For developing pay-per-view training services over the Internet. This project received recognition for excellence from the DTI/EPSRC. *Principal Investigator*
3. EPSRC grant GR/R46281/01, £49,369, 2001-2003, An additional area of activity, whilst at Huddersfield University, was in Electronics. As a member of the Electronic and Communications Research Group I was successful in accessing £49,369 from the Engineering & Physical Sciences Research Council to support research in Built in Self Test of Analogue Circuits. *Principal Investigator*
4. TCS Scheme, DTI/EPSRC and industry Partner, £87,117 (£59,117 grant + £28,000 company), 2000-2002, Linkage between Huddersfield University and NTP Information Solutions Limited. For developing a Learning Management System and an Intelligent Tutoring System. *Principal Investigator*