

## David Tilson

80 Crandon Way, Rochester NY 14618

Tel: 585 273 1648 Email: david.tilson@simon.rochester.edu

---

### Summary

Academic in globally ranked business school with strong track record in administration, teaching and research. Research interests encompass digital platforms and infrastructures, the evolution of technical standards and mobile technologies, as well as healthcare operations. Taught courses in analytics, information systems, statistics, and consulting. Developed and delivered innovative course on Big Data analytics. Led experiential learning for about 200 student teams through consulting projects with external companies and organizations. As Associate Dean of Full-Time MBA led initiatives to change school's approach to program pricing resulting in increased MBA domestic applicants. Rationalized program calendar to improve career outcomes and student satisfaction. Expanded programming for professional skill development to include problem solving and ethics while increasing emphasis on communication and teamwork skills with experiential learning. Initiated efforts to increase school's visibility within the industry. Pre-academic career included technology and strategy consulting at top management consulting firms as well as 10 years in engineering and project management roles in telecom, high-tech, media and broadcasting. Winner of prestigious award for broadcast technology innovation. Broad international experience. PhD and MBA in addition to master's and bachelor's degrees in engineering.

### Professional Experience

#### Simon Business School, University of Rochester

2019-present *Clinical (Full) Professor of CIS Systems and Business Analytics* Rochester, NY  
2013-2019 *Clinical Associate Professor of Computer and Information Systems*  
2014-2017 *Associate Dean of the Full-Time MBA Program*  
2006-2013 *Clinical Assistant Professor of Computer and Information Systems*

- Teaching
  - Designed and delivered course on principles behind, and hands-on use of, industry leading *Big Data* tools using a cloud-based Hadoop cluster. This class, targeted at MS Business Analytics students, covers HDFS, Pig, Hive, Spark, and machine learning MLlib using AWS and Databricks infrastructure
  - Revamped *Business Process and Analysis and Design* course to include latest techniques like BPMN, RPA, and SOA. Course includes project component from process discovery to implementation in Bizagi Business Process Management System
  - Designed and led delivery of *experiential learning consulting project* for all first year MBA students
  - Created new *Business Systems Consulting* MBA concentration approved by school's faculty
  - Designed and delivered new *Strategy and Business Systems Practicum* course. The course uses a combination of case-based teaching and lectures in combination with a major real-world project. Client organizations include Panasonic, Xerox, Verizon Wireless, Kodak, LG Electronics, Harris RF, Spectracom, URMC, Garlock, Gleason Works, City of Rochester, and multiple start-ups located in California, Texas, Massachusetts, as well as New York.
  - Created *Problem Solving* module that covers issue, hypothesis, and design thinking based approaches
  - *Executive Education*
    - Revamped EMBA *statistics* course and incorporated higher-level problem-solving framework
    - Effective Teamwork for executives from Johnson & Johnson
    - IT Project *Proposal Writing* for University of Rochester IT executives
  - Have delivered in-person, on-line (using both synchronous and asynchronous approaches), and hybrid versions of all my current courses
  - Teaching award for one of highest rated classes in Fall 2014
  - Regular workshops on *Case Interviewing, Group Case Interviews, Ethics, and Management Consulting*

- Research
  - Topics include digital platforms and infrastructure, technical standards, mobile systems, and healthcare
  - Over 2600 citations on [Google Scholar](#)
  - Published in journals such as Information Systems Research, Telecom Policy, Decision Support Systems, and Socio-Economic Planning Sciences
  - “Digital Infrastructures: The Missing IS Research Agenda” published in the 20th anniversary issue of ISR (one of 14 articles published from nearly 130 submitted)
  - Best paper award (out of 70) in Mobile Technologies and Service Science Track at HICSS Conference
  - Best paper award for Healthcare Management at Decision Sciences Institute Annual Meeting
- MBA Program Leadership
  - Ran Simon Business School’s Full-Time MBA Program and coordinated activities of Admissions, Student Engagement, and Career Management
  - Identified opportunity to overhaul program pricing by decoupling it from credit hour pricing
  - Developed case for lowering the ‘sticker’ price of the FT-MBA program to be more in-line with competitors (next recruiting year saw 50% increase in domestic applicants)
  - Rationalized MBA calendar to improve student satisfaction and career outcomes
  - Created Simon EDGE joint curricular and co-curricular program to
    - Improve communications, problem solving, teamwork, global awareness, ethics, and leadership
    - Introduce a personal development plan, with executive coaching, and increased level of experiential learning in first year of program
  - Led sub-committee charged with identifying ways of increasing graduate salaries. Recommendations formed key part of school’s five-year strategic plan
  - Played a leading role in a curriculum review of the Full-Time MBA program
- Other Service
  - Member of Faculty Committee on Executive Programs (FCEP)
  - Twice organized Workshop on Information Intensive Services: 55 industry and academic participants
  - Associate Editor and reviewer duties for numerous Information Systems journals and conferences
  - Support Simon School’s Consulting Operations and Technology Association (COTA)
  - Mentor Case Competition Teams (teams took first and second place in successive years)

## **McKinsey & Company**

2000-2003     *Consultant in McKinsey’s Business Technology Office*                      Chicago, IL & Cleveland, OH

- Strategy
  - Developed a strategy for a telecom operator’s enterprise customer segment. Focused on the threats and opportunities of new “network centric” products
  - Built perspective on the supply-side of the handset software market to help a wireless communications handset manufacture define their software strategy
- Governance
  - Reviewed the governance and oversight mechanisms put in place to manage the IT integration brought about by the merger of two major insurance companies.
  - Developed options for IT organization design for a large energy company
- Program Management
  - Successfully prepared an electric utility for deregulation of its core market. Assessed the status of systems development projects and the readiness of key IT systems and business processes supporting the billing of large business customers. Recommended development priorities and focus areas for project management efforts.
- IT Efficiency and Effectiveness

- Achieved annual IT savings of \$50 million at a New York investment bank through targeted outsourcing, reduced use of contractors, improved sourcing, and project portfolio rationalization
- Led IT portion of a cost reduction effort at Canadian software company. The effort was part of a wider program to reposition the company for renewed growth
- Facilitated the selection of a Professional Services Automation (PSA) system to better support management of a major US bank's IT projects and personnel
- IT Outsourcing
  - Led a telecom operator through preparation for outsourcing its IT function. Developed the analysis of the financial, technical and personnel information that formed the core of the RFP and provided a framework for assessing bids
  - Led energy company through thinking how outsourcing could fit into a program to improve the efficiency of its IT function. Developed detailed work plans for assessing the risks and benefits of different outsourcing options
- IT Architecture
  - Defined high-level architecture for next generation Operation Support System (OSS) to support IP based services for leading telcom operator
- Internal contributions at McKinsey
  - Interviewed and assessed candidate consultants including use of case interviewing
  - Multiple contributions to McKinsey's knowledge management database

### **PA Consulting**

Summer 1999 *Consultant (Internship between first and second years of MBA program)* Princeton, NJ

- Broadcast Systems Architecture
  - Performed due diligence on a vendor and an interactive TV architecture for a leading US cable company
  - Defined interactive TV architecture and high-level requirements for a major cable company
- Assessment of key competitors for a major telecom equipment manufacturer

### **News Digital Systems Ltd**

1996-1998 *Project Manager* London, UK & Jerusalem, Israel

- Customer Leadership
  - Provided pre-sales support to potential clients and partners
  - Negotiated specification and delivery schedule for multi-million-dollar contract
  - Primary customer contact for day-to-day coordination and technical issues
- Team Leadership
  - Led definition of architecture for Internet compatible data broadcasting product
  - Coordinated development with a US partner as well as engineering teams in Israel and the UK
  - Managed all aspects of delivering the *CyberStar* data broadcasting system

### **British Telecommunications Laboratories**

1991-1996 *Senior Professional Engineer in the Satellite Systems Group* Ipswich, UK

1988-1991 *Professional Engineer in the Satellite Systems Group*

- Team Leadership
  - Led multiple technical teams and managed professional engineers and technicians
  - Planned, budgeted, and managed millions of dollars of R&D projects (mostly mobile satellite related)
- International Negotiations
  - Represented British Telecom and the United Kingdom in international forums e.g. ITU, ETSI and EBU
  - Negotiated European Commission funding for a broadband satellite networks project
  - Technical expert in team evaluating a possible joint venture with a company in Thailand
- Communications Systems Architecture

- Architect and development manager of yacht video system for the Whitbread Round the World Race (1993-1994). **Awarded Royal Television Society National Technology Award (UK equivalent of Emmy)**
- Architect of a satellite Internet access system. Worked with US and Middle East partners, identified equipment vendors and provided technical expertise during negotiations
- Member of multinational team established to design ICO satellite mobile telephone system
- Wide range of satellite and telecom projects; including hardware/software design and implementation

## Education

<b>Case Western Reserve University – Weatherhead School of Management</b>	May 2008
<i>PhD in Information Systems</i>	
<ul style="list-style-type: none"> <li>• Dissertation: Standards Making and Adoption in Complex Socio-Technical Systems (Kalle Lyytinen advisor)</li> </ul>	
<b>University of Texas at Austin – Graduate School of Business</b>	May 2000
<i>Master of Business Administration (MBA)</i>	
<ul style="list-style-type: none"> <li>• Concentrations in information systems and entrepreneurship</li> <li>• GPA 3.9/4.0</li> </ul>	
<b>University of London (part-time)</b>	May 1995
<i>Master of Science in Telecommunications Engineering (with Distinction)</i>	
<ul style="list-style-type: none"> <li>• Thesis: Internet Protocols via Satellite</li> <li>• Full scholarship from British Telecom</li> </ul>	
<b>Queen's University Belfast, Northern Ireland</b>	June 1988
<i>Bachelor of Engineering (Honors) in Electrical and Electronic Engineering</i>	
<ul style="list-style-type: none"> <li>• Studies Sponsored by British Telecom</li> </ul>	

## Working Papers

I am currently working on two projects with co-authors from the London School of Economics and Case Western Reserve University

1. A review of the Digital Infrastructure literature since our influential 2010 paper on the topic.
2. A paper targeted at MISQ on a polycentric view of digital infrastructures.

## Publications

1. Haki, K., Blaschke, M., Aier, S., Winter, R. & Tilson, D. (2022), "Dynamic capabilities for transitioning from product platform ecosystem to innovation platform ecosystem", *European Journal of Information Systems*, DOI: 10.1080/0960085X.2022.2136542
2. Tilson, D., Sørensen, C., & Lyytinen, K. (2021), "Digitally Induced Industry Paradoxes: Disruptive Innovations of Taxiwork and Music Streaming Beyond Organizational Boundaries", *Research in The Sociology of Organizations*
3. Lyytinen, K., Sørensen, C., & Tilson, D. (2017) "Generativity in Digital Infrastructures: A Research Note", In Handbook on MIS Companion Book, ed. R. D. Galliers and M-K., Stein. Routledge
4. Lyytinen, K., Tilson, D., and Sørensen, C. (2016), "Digital Platforms and Complexity", in the proceedings of the 76<sup>th</sup> Annual Meeting of the Academy of Management

5. Dobson, G., Tilson, D., and Tilson, V. (2015), "Optimizing the timing and number of batches for compounded sterile products in an in-hospital pharmacy", *Decision Support Systems*, online 2/26/15
6. Pousttchi, K., Tilson, D., Lyytinen, K., Hufenbach, Y., (2015), "Introduction to the Special Issue: Mobile Commerce Research yesterday, today, tomorrow – what remains to be done?", *International Journal of Electronic Commerce*, 9(4), 1-20
7. Dobson, G., Haas, C., Tilson, D., Tilson, V., (2014), "Mathematical Modeling to Reduce Waste of Compounded Sterile Products in Hospital Pharmacies", *Hospital Pharmacy*, 49(7), p616-27.
8. Dobson, G., Tilson, D., Tilson, V., Haas, C. (2014), "Quantitative Case Study: Use of Pharmacy Patient Information Systems to Improve Operational Efficiency," *47th Hawaii International Conference on System Sciences*
9. Bohmann, T., Tilson, D., Tuunanen, T., (2014), "Introduction to Innovation, Design, and Development of ICT-Enabled Services Minitrack" *47th Hawaii International Conference on System Sciences*
10. Tilson, D., Sørensen, C., & Lyytinen, K. (2013), "Platform Complexity: Lessons from the Music Industry", in the proceedings of the *Hawaii International Conference on System Sciences*.
11. Bohmann, T., Tilson, D., Tuunanen, T., (2013), "Introduction to Innovation, Design, and Analytics Supported Development of ICT Enabled Services Minitrack" *46th Hawaii International Conference on System Sciences*
12. Tilson, V. & Tilson D. (2012), "Use of a Markov decision process model for treatment selection in an asymptomatic disease with consideration of risk sensitivity", *Socio-Economic Planning Sciences*, 47(3), p172-182
13. Tilson, D., Sørensen, C., & Lyytinen, K. (2012), "Change and Control Paradoxes in Mobile Infrastructure Innovation: The Android and iOS Mobile Operating Systems Cases", in the proceedings of the *Hawaii International Conference on System Sciences*. Note: **Won best paper award** out of 70 papers in Decision Technologies, Mobile Technologies and Service Science Track.
14. Tilson, D., Sørensen, C., & Lyytinen, K. (2012). "Platform Complexity: Lessons from Mobile Wireless", in the proceedings of at the *11th International Conference on Mobile Business*, Delft, Netherlands.
15. Tilson, V. and Tilson D. (2011), "Markov Decision Process Model for Asymptomatic Intracranial Aneurysm Treatment Selection under Risk Aversion Sørensen, C., *Decision Sciences Institute Annual Meeting*. Note: **won Best Paper Award** for Healthcare Management
16. Tilson, D., Sørensen, C., & Lyytinen, K. (2011), "The Paradoxes of Change and Control in Digital Infrastructure: The Mobile Operating Systems Case", in the proceedings of the *International Conference on Mobile Business*, Como, Italy, (20-21 June, 2011).
17. Tilson, D., Lyytinen, K., & Sørensen, C. (2010), "Digital Infrastructures: The Missing IS Research Agenda", *Information Systems Research*, 21(4), 748-759. Note: This research commentary was published in the 20th anniversary issue of ISR - **one of 14 published from nearly 130 submitted**
18. Tilson, D., Tilson, V., Totten, V., and Michelson, E., "Unanticipated Influence of Coordination Mechanisms on Physician Workstyles and ED Operational Efficiency," in *Americas Conference on Information Systems*, Lima Peru, 2010

19. Tilson, D., Lyytinen, K., and Sorensen, C., "Desperately seeking the Infrastructure in IS Research: Conceptualization of "Digital Convergence" as co-evolution of social and technical infrastructures," in: Hawaii International Conference on System Sciences, Kauai, HI, 2010. Note: **Nominated for best paper award**
20. Tilson, V., Tilson, D., Dobson, G., Michelson, E. & Totten, V., "Unanticipated Influence of Coordination Mechanisms on Physician Workstyles and ED Operational Efficiency" (February 26, 2008). Available at SSRN: <http://ssrn.com/abstract=1107900>
21. Tilson, V., Tilson, D., Dobson, G., Michelson, E., & Totten, V., "Operational Performance of a US Emergency Department: Impact of Coordination Mechanisms and Physician Workstyles, in the *Proceedings of International Conference on Productivity and Quality Research* (June 25-27, 2008), Oulu, Finland.
22. Tilson, D., "Mobile TV and Video: The emerging story in the USA and the United Kingdom". Paper presented at the *LA Global Mobility Roundtable* (2007, June 1-2), Los Angeles.
23. Tilson, D., "Towards a Theoretical Framework for Studying the Effect of Mobile-ICT on Coordination", in the *Proceedings of the Hawai'i International Conference on System Sciences* (Jan 3 – 6, 2007), Big Island, Hawaii.
24. Tilson, D., and Lyytinen, K. (2006), "The 3G Transition: Changes in the U.S. Wireless Industry", *Telecommunications Policy*, 30(10-11), p569-586.
25. Tilson, D., Lyytinen, K., Sørensen, C., and Liebenau, J., "Coordination of technology and diverse organizational actors during service innovation – the case of the wireless data services in the United Kingdom", in the *Proceedings of the Helsinki Mobility Roundtable* (2006, 1-2 June), Helsinki, Finland.
26. Tilson, D. and Lyytinen, K., "An Actor-Network Study of 3G Standards Making and Adoption in the US Wireless Industry - A Case of Wireless Operator Standardization Strategies", in the *Proceedings of the Hong Kong Mobility Roundtable* (2005, 1-3 June), Hong Kong.
27. Tilson, D. and Lyytinen, K. (2004), "The 3G Transition: Changes in the U.S. Wireless Industry" *Sprouts: Working Papers on Information Environments, Systems and Organizations*, Vol. 4, Summer, Article 8. <http://weatherhead.cwru.edu/sprouts/2004/040308.pdf>
28. Tilson, D. and Lyytinen, K., "A Framework for selecting a Location Based Service (LBS) Strategy and Service Portfolio", in the *Proceedings of the Hawai'i International Conference on System Sciences* (Jan 5 – 8, 2004), Big Island, Hawaii.
29. Woolf, C. and Tilson, D., "Yacht Video System for the Whitbread Round the World Race", *Electronics & Communication Engineering Journal of the IEE*, Vol. 8, No. 6, Dec. 1996, p281-8.
30. Woolf, C. and Tilson, D., "Yacht Video System for the Whitbread Round the World Race", *BT Technology Journal*, Vol.13, no.4, Oct. 1995, p138-148.
31. Tilson, D. "Land Mobile Users' Requirements for Satellite Radionavigation", in the *Proceedings of NAV89 Conference of the Royal Institute of Navigation*, London, 1989, 17-19 October.

## Invited Talks and Other Presentations

- “Teaching Analytics at Scale with Databricks,” IT Teaching Conference, Boston Univ (May 2023)
- Digital Paradoxes: Diffuse Social Categories of Taxiwork, Music Streaming, and Social Media as Conditions and Outcomes of Digital Innovation, keynote presented by K. Lyytinen at 2<sup>nd</sup> Nordic Workshop on Digital Foundations of Business, Operations, and Strategy (DBoS), (Feb 2020)
- “Teaching Big Data to MS Analytics Students,” INFORMS Conference, Seattle (October 2019)
- “Framework for Reducing Technical Debt”, Managing Technology Products across Generations Track, INFORMS Conference, Phoenix AZ (November 2018)
- “Teaching Big Data to MS Analytics Students,” IT Teaching Conference, Boston Univ (June 2018)
- “Building Skills Companies Demand: Using Employer Research to Create Data-Based and Innovative Change,” GMAC Annual Conference, Washington DC (June 2016)
- “Building Skills Companies Demand: Developing the Competencies Most Desired by Top Companies,” MBA CSEA Global Conference, Atlanta GA (June 2016)
- “Problem Solved: Building Market Based Curricular and Co-Curricular Programs, GMAC Leadership Conference, Miami Florida (January 2016)
- “The Paradoxes of Change and Control in Mobile Infrastructures: A review of the evolution of three Mobile Operating Systems” seminar presented by me at Dept. of Applied Information Technology Chalmers University of Technology, Gothenburg, Sweden (June 19, 2012)
- “On digital infrastructures and innovation,” presented by C. Sørensen based on our joint work at
  - Chalmers Technical University, Gothenburg Sweden (April 16, 2012)
  - Oslo University, Norway (April 12, 2012)
  - Aalborg University, Denmark (April 2, 2012)
  - Tokyo Univ. of Science, Mobile Content Forum, and Google Tech Talk (Tokyo) (Feb 27 - Mar 3, 2012)
  - University of Hawaii (two talks 18 and 24, January 2012)
- “Desperately seeking the Infrastructure in IS Research: Conceptualization of *Digital Convergence* as co-evolution of social and technical infrastructures,” presented by co-author Kalle Lyytinen at the University of Oslo (June 2009).
- “Digitalization: Story of Connecting and Fixing”, keynote talk at *Global Mobility Roundtable Conference (GMR2008)*, Auckland, New Zealand, November 2008 – presented by Kalle Lyytinen.
- “Mobile TV and Video: The emerging story in the USA and the United Kingdom”, Helsinki School of Economics (June 2008).
- “Socio-technical Perspective on Standards Making and Adoption”, *Seminar on Standards*, Oslo University (June 2006) – presented by Kalle Lyytinen.
- “Wireless Regulation in the US and the UK”, during *Converging Wireless Market Panel at the Helsinki Mobility Roundtable*, Helsinki School of Economics (June 2005).
- “Standards Making and Adoption in Complex Socio-Technical Systems”, Hong Kong University (March 2006).

## Teaching

- University of Rochester (2006-present)
  - CIS442F “Big Data”, Developing and delivered hands-on class using HDFS, Pig, Hive, Spark, MLlib, and Spark Streaming technologies running on cloud-based Hadoop cluster
  - GBA401 “Consulting Project”, developed and led two quarter long experiential learning course for all students in Simon’s Full-Time MBA program. First iteration had 21 teams working with the same number of client organizations on a range of real-world problems

- CIS/OMG461 “Strategy & Business Systems Consulting Practicum”, developed course and associated “Business Systems Consulting” concentration from scratch (taught 20+ times). Identify 5 or 6 real-world projects with external clients for each class and mentor teams
- GBA412 “Framing and Analyzing Business Problems,” developed and delivered core statistics course for MBA students
- CIS415 “Business Process Analysis & Design” full responsibility for course creation / delivery. Includes a project to implement student teams’ redesigns of business processes
- GBA428C “Experience Simon Module on Business Systems Consulting,” full responsibility for designing, implementing, and delivering intensive 3-day introduction to consulting industry
- “Problem Solving for Medical Management,” lectures on problem solving and effective project management for incoming Medical Management Students
- “(Consulting) Case Interview Workshop” taught twice per year
- CIS402 “Information Systems for Management” taught class on ERP
- BRN 434 “Information Systems for Management” led session on Wikis for executive MBAs and supervised business-case based assignment using a wiki for team collaboration
- “Problem Solving & Critical Thinking” session for UR Pre-College Summer Bootcamp
- London Business School (2019-2022)
  - AM05 “Data Management” full responsibility for creation and delivery of core course aimed at students in LBS’s Masters in Analytics and Management (MAM) program
- Executive Education while at the University of Rochester
  - EXP422 “Managerial Data Analysis” full responsibility for creation/delivery of course on business applications of linear regression and related techniques for executive MBAs (taught six times). Added component on structured problem solving in 2008 (taught 9 times).
  - “How Collaboration and Teaming Can Deliver Results,” for 40 managers from Johnson & Johnson's Ortho Clinical Diagnostics subsidiary. Full responsibility for design and delivery
  - “IT Project Proposal Writing” mini course for University of Rochester IT Executives (2014)
- Case Western Reserve University (2003-2006)
  - MIDS 470 “Analyzing Mobility and Mobile E-Business” taught class on mobile standards and mobile industry structure
  - MIDS 308: “Managing Information Systems” taught 2 semesters
  - OPMT 350: “Introduction to Operations Management” taught a class on strategy
- Oxford University, UK: Organized and taught in short course on "Mobile Satellite Communications" targeted at industry professionals

## Professional Service

- Reviewer for top IS journals and conferences
- Co-editor of Mobile Commerce special issue of the Intl. Journal of Electronic Commerce (2015)
- Chair for mini-track on “Innovation, Design, and Analytics Supported Development of ICT Enabled Services at Hawaii International Conference on System Sciences (2012-2014)
- Mini-Track Chair for Mobile IT mini-track at the American Conf. for Information Services (2012)
- Associate Editor and Session Chair for “Gateway to the Future” track at International Conference on Information Systems (Dec 2010)
- Associate Editor for “Extreme Innovation” track at Intl. Conf. on Information Systems (Dec 2008)
- Program Committee for Global Mobility Roundtable, Auckland, New Zealand (Nov 2008)
- Discussant for “Global IT” track at International Conference on Information Systems (Dec 2007)
- Panel on “Mobile telecom regulation” at Helsinki Mobility Roundtable (June 2006)



- Chaired “Industrial Dynamics” session at Hong Kong Mobility Roundtable (June 2005)

## Honors & Activities

- Coach for International Graduate Competition (IGC), MS Student Case Competition 2012-14  
held by HEC in Montreal Quebec (first place in 2012 and second place in 2013)
- Best paper award in the Decision Technologies, Mobile Technologies, and Service 2012  
Science Track at Hawai'i International Conference on System Sciences (HICSS)
- Best paper award in the Healthcare Management track at Decision Sciences Institute 2011  
Annual Meeting held in Boston MA
- Best paper nomination at Hawai'i International Conference on System Sciences 2010
- Accepted to the ICIS Doctoral Consortium 2005
- Accepted to JAIS Theory Workshop
- Dean's Award for Academic Excellence, Univ. of Texas at Austin 2000
- Sord Scholar, Univ. of Texas at Austin
- Beta Gamma Sigma, National Honor Society for Business
- Longhorn Business Scholarship, Univ. of Texas at Austin 1998
- Awarded Chartered Engineer (CEng) status by Engineering Council (UK) 1995
- Corporate membership of the Institution of Electrical Engineers (IEE)
- Achiever Award, British Telecom Laboratories
- Royal Television Society (RTS) “National Technology Award” for video system used to 1994  
retrieve video from yachts in the 1993-94 Whitbread Round the World Race
- Sponsorship of undergraduate studies by British Telecom Research Labs (UK)

## Affiliations

- Member of Association of Information Systems (AIS)
- Registered as Chartered Engineer with the UK Engineering Council (ECUK)
- Corporate member of the Institution of Engineering and Technology (IET) formerly the IEE
- Member of Informs
- Member of Institute of Electrical and Electronic Engineers (IEEE)
- American Radio Relay League (ARRL)
- Former volunteer at Cleveland Playhouse
- Former board member and treasurer of Shaker Courts Condominium Association