

Richard D. Evans

PhD, FHEA, MIEEE

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<https://scholar.google.co.uk/citations?user=NqlOPkMAAAAJ&hl=en>
https://www.researchgate.net/profile/Richard_Evans20



summary

Dr Richard Evans is an established academic with research, teaching and supervision experience in the fields of social product development, digital innovation and knowledge management. He has five years industrial experience having worked for the UK's largest home furnishings organisation, Dunelm Mill Ltd., as an Online Product Manager and conducted research for his Ph.D. in the World's second largest aerospace, defence and security organisation, BAE Systems plc. Richard currently works as a Senior Lecturer in Information Management within the Department of Business Information Management and Operations (BIMO) at the University of Westminster. He is the Module Leader for 'Communications in Global Business', delivered to all Level 4 BA International Business students and the Module Leader for 'Web-Enabled Business', delivered to all Level 5 BA Business Management students. Before joining the BIMO department, Richard was employed as a Research Fellow at the Centre for Innovative Product Development and Manufacturing (CiPDM) at the University of Greenwich, specialising in the research field of Knowledge Management for Collaborative Product Development, exploring the use of collaborative web-based technologies to improve knowledge management and innovation within globally-dispersed manufacturing organisations.

Richard is the current Chair of the IEEE TEMS Technical Activity Committee on Engineering Processes. He sits on the Editorial Board for the IEEE Transactions on Engineering Management (3*). He is also a regular reviewer for The International Journal of Production Research (3*), The International Journal of Advanced Manufacturing Technology (3*), the Electronic Journal of Knowledge Management and the Hawaii International Conference on System Sciences. He is a member of several Technical Committees, including the International Conference on Manufacturing Research. Richard is currently the Co-Editor in Chief of the Journal of Knowledge-Based Engineering and Innovation. To date, he has published over 50 scientific papers in recognised journals and conference proceedings and has built a successful network of academic partners spread over four continents, including China, Mexico, Turkey and the United States.

Richard assists with the management and development of internationally-recognised research groups as well as the supervision of both Masters and PhD students. He has contributed to the preparation of numerous international funding bids, including the Horizon 2020 Marie Curie PhD award and the Factories of the Future funding call. During the 2015/16 academic year, Richard attended two British Council Newton-funded International Workshops in Turkey and Mexico which led to several successful applications being submitted to the Researcher Links programme and national research bodies. In 2017/18, Richard has attended several British Council events in Oman, Turkey and Thailand.

research interests

- Social Product Development;
- Knowledge Integration in Innovative Product Design; and
- Open Innovation Business Modelling for Manufacturing Environments.

- education**
- 2014-2015** **University of Greenwich, School of Education**
Postgraduate Certificate in Higher Education (PG Cert in HE). Studies in the delivery of Successful Learning in the Classroom, Design of Effective Courses and Programmes, Evaluation of Teaching and Learning and Professional Development in Higher Education.
- 2010-2013** **University of Greenwich, Faculty of Engineering and Science**
Doctor of Philosophy (Ph.D.), Centre for Innovative Product Development and Manufacturing. Thesis title: *An Enterprise 2.0 Groupware and Framework to facilitate Collaboration and Knowledge Sharing in Dispersed Product Development Teams within the Aerospace Industry*. Advised by Professor James Gao.
- 2008-2010** **University of Wales, Swansea**
MSc in e-Commerce. Studies in Innovation and Business Development, Web Design and Usability, Inter-networking and Security, Web System Design and Implementation, e-Commerce Law and Marketing.
- 2005-2008** **University of Exeter**
BA Hons. (2:1) in Computing and Information Technology. Studies in Artificial Intelligence, Website Design, Database Development, Human-Computer Interaction and Information Retrieval.
- experience**
- 2017 – Present** **University of Westminster, Business School**
Senior Lecturer in Information Management
 In addition to the preceding Lecturer position, responsibilities include:
- Planning, design and development of learning objectives and programme-related material;
 - Leading collaborative research projects in accordance with University and funding body procedures;
 - Mentoring of early career researchers within the BIMO department, providing guidance on future research direction and teaching-related activities;
 - Delivery of presentations to BIMO staff on research-related activities, including: methods of income generation (e.g. working with industrial partners and introduction to research councils); identifying and submitting to research funding calls; identifying, forming and managing international research partnerships; and submitting to highly-regarded publications;
 - Development of external networks to identify sources of funding, contribute to student recruitment, secure student placements, market the institution and build relationships for future activities; and
 - Co-ordinating the Communication for Global Business module and the Web-Enabled Business module, ensuring the module and parent programme of study are delivered to the highest standards.
- 2017** **Xindao Education Consultancy Co., China**
Academic Advisor / Supervisor
 Responsible for:
- Supervision of Ph.D. research students within the fields of information and knowledge management, manufacturing and product development, and collaborative product design.
 - Mentoring of early career researchers, providing guidance on English language and grammar for academic publications, future research directions and teaching-related activities.
- 2017** **Autonomous University of Baja California, Departamento de Ingeniería en Computación**
Visiting Scholar
 Responsible for:
- Teaching and learning on the Ph.D. Programme - “Organisational Knowledge Management”;
 - Mentoring of Ph.D. students and early career researchers, providing guidance on English and Academic language, future research directions and teaching-related activities.
- 2013 – 2017** **Cranfield University, School of Applied Sciences**
Guest Lecturer
 Responsible for:
- Teaching and learning on the MSc in Information Management degree - “Web 2.0 Technologies in Manufacturing”, with a focus on how these may be applied in dispersed product development.

2015 – 2017

University of Westminster, Business School

Lecturer in Information Management

Responsibilities included:

- Development, leadership and delivery of taught modules in the field of information management and related subject areas;
- Research into the role of enterprise 2.0 technologies in developing enhanced innovation and knowledge integrated product development in the manufacturing industry;
- Supervision of student research projects within the information management subject area, at undergraduate, postgraduate and executive levels; and
- External revenue generating enterprise activities.

2013 – 2015

University of Greenwich, Faculty of Engineering and Science

Research Fellow – Knowledge Management for Collaborative Product Development

Responsibilities included:

- Research into the use of Web 2.0 technologies to improve employee collaboration and knowledge management during product development lifecycles in extended supply chains. Research conducted in collaboration with CESi University, France as part of the Interreg-funded BENEFITS project;
- Liaison with industrial collaborators, including BAE Systems, Cummins Power Generation and Ford Motor Company;
- Organisation of industrial workshops and interim meetings with industrial collaborators and academic partners;
- Identification of potential funding opportunities and assisting with grant applications;
- Teaching, learning and assessment on the MSc Research Methodology course, with a focus on the concepts relating to postgraduate research; and
- Teaching, learning and assessment on the MSc e-Technologies course, with a focus on the implementation of web-based systems to meet business needs.

2011 – 2013

University of Greenwich

Student Ambassador

Responsibilities included:

- Mentoring Year 12 & 13 Engineering students at Robert Napier High School, Gillingham, Kent; and
- Providing guidance to school leavers considering entry into Higher Education.

2010

Dunelm Mill Plc.

Online Product Manager

Responsibilities included:

- Management (sales/profitability) of defined product group via corporate website;
- Development of website functionality and usability to enhance customer experience and conversation rates; and
- Regression testing of new corporate e-Commerce website in collaboration with IBM.

2008

Roksport Ltd.

e-Commerce Co-Ordinator

Responsibilities included:

- The sales and management of the company's e-Commerce website;
- Online marketing and in-store promotional campaigns; and
- Social Media monitoring of corporate image.

2006 – 2008

University of Exeter

IT Support Assistant

Responsibilities included:

- Assisting students with IT related problems.

teaching

- 2018-Present** **Digital Innovation and Disruption (Level 7)**
University of Westminster (Module Leader)
 This module provides students with an understanding of organisational innovation challenges and practices, underpinned by an appreciation of technological and managerial approaches to digital innovation and the management of marketplace disruption. Through analysis of real-world innovation case studies, students will explore historical and present-day examples of how digital technologies have impacted on the innovative development of new digital products and services, focusing on key challenges and risks related to digital innovation initiatives in organisations.
- 2016-Present** **Communication for Global Business (Level 4)**
University of Westminster (Module Leader)
 This module aims to develop the communication skills of students which are necessary to operate in diverse business environments. Students are introduced to theoretical frameworks of communication, motivation and team work. Skills taught during the course will enable students to communicate effectively using different media types. Topics include: Barriers to Communication, Working in Teams, Critical Thinking and Reflective Writing, and the Advantages and Disadvantages of using Social Media.
- 2016-Present** **Web-enabled Business (Level 5)**
University of Westminster (Module Leader)
 This module aims to provide students with a clear understanding of all aspects involved in the designing, developing and maintaining a web-enabled business. The module builds a comprehensive insight of key strategic considerations in web design and the necessity of aligning web presence with business objectives and organisational strategy.
- 2017-Present** **Innovation and Creativity (Level 6)**
University of Westminster
 This module introduces organisational creativity and innovation and explores the different strategies for managing them, their impact and the conditions that enable them in businesses and society. The module develops students' creativity and innovation skills by exploring new solutions for business, social and environmental challenges.
- 2015-Present** **Social Media in Business (Level 6)**
University of Westminster
 This module aims to explore social media tools currently available and their impact on the strategic development of an enterprise. Topics include: Mobile Applications, Social Media Marketing, Social Media in the Public and Private Sectors, Ethical and Legal Issues of Social Media, and Social Media Policies.
- 2013-Present** **Information Management (Level 7)**
Cranfield University
 I taught one lecture per semester at Cranfield University on "The Use of Web 2.0 Technologies within Business". Lecture content includes: explanation of the technologies which fall under the umbrella of 'Web 2.0' and how these technologies can be applied to different business scenarios.
- 2015-2017** **Information Management (Level 5 and 7)**
University of Westminster
 These modules aim to explore the role of information management in organisations and how it should best be managed. This involves the examination of the role and provision of information in relation to business processes to support decision making and value-added activities.
- 2015-2017** **Online Entertainment Management (Level 4)**
University of Westminster
 This module aims to investigate the increase of online entertainment content and how online content is changing the business world of the entertainment industry. Exploration is also undertaken into how organisations in other industries can use this technology to gain competitive advantage.
- 2015-2016** **Knowledge Innovation Management (Level 6)**
University of Westminster
 This module considers the role of knowledge management practices within organisations. Students are expected to evaluate the value of knowledge management systems against organisational and employee-centred factors which must be considered when implementing such systems within a company. Topics

include: The Relationship between Innovation and Knowledge Management, The Role of Culture and Leadership within Organisational Design for Managing Organisational Knowledge, and How Technology impacts on Innovation and Knowledge Management.

2016 **Managing Operations, Information and Knowledge (Level 7)**

University of Westminster

This module examines how organisations may be managed better by exploiting internal and external information. It aims to develop critical understanding of the sources and application of information from a managerial (not a technical) viewpoint and examines specific issues of managing operations.

2012-2015 **e-Technologies (Level 7)**

University of Greenwich

This module aimed to assist students in designing systems incorporating e-technologies to meet business requirements. Topics included: e-Technology Infrastructures, Setting Up a Dotcom, e-Marketing, e-Commerce Copyright and Trademarks, Firewalls and Routers, and e-Crime and Forensics.

2011-2015 **Research Methodologies (Level 7)**

University of Greenwich

This module taught students the basic concepts of postgraduate research. Topics included: Idea Generation, Writing Research Proposals, Time Management, Presentation and Dissemination of Results, Intellectual Property, and Research Ethics.

supervision

Ph.D. – First Supervisor / Director of Studies

Active

- Marco Cuvero. *The Effects of Knowledge Spillover and Lean Start-up Usage on the Success of New Enterprises and Creation of Business Value*. 2017-20.
 - Aim: To understand how lean start-up and knowledge spill over affects the success of new enterprises and the creation of business value.

DProf – First Supervisor / Director of Studies

Active

- Louis Spring. *Identification and Analysis of module leader information behaviours to inform a Blackboard-driven dashboard for continuous development of leadership practice at the University of Westminster*. 2013-22.
 - Aim: To develop and extend understanding of Module Leader information behaviours when interacting with The University of Westminster information systems.

Ph.D. – Second Supervisor / Supervisory Team

Active

- Josue Miguel Flores-Parra. *Social Computing for Engineering Education*. 2014-18.
- Liu Jun. *Internet-based Knowledge Integration Approach in Innovative Product Design*. 2014-18.

Completed

- Tim Saunders. *Product Development and Sub Supplier Integration and Collaborative Framework*. 2011-16. Funded by the University of Greenwich in collaboration with Ford Motor Company.
 - Aim: To develop a framework for improving the integration of component and sub-assembly part suppliers during global automotive product development projects.
- Joseph Zammit. *Improving Testing Facilities Performance to Reduce Time-to-Market for New Product Development*. 2012-15. Funded by Cummins Power Generation.
 - Aim: To improve performance of testing facilities in order to reduce the time-to-market of new product development through using new enabling web technologies.

MA Management

University of Westminster

- Turki Al Thani. *Analysis of the Key Factors that influence the Adoption and Implementation of ERP Systems for Small and Medium Enterprises (SMEs) in the UK*. 2017.
- Kaja Vister. *Exploring the deciding factors for accountancy firms when choosing SaaS products*. 2017.
- Dana Owusu. *Critical Success Factors in KMS Implementation in Manufacturing*. 2017.
- Pietro Colombotto. *The growth project in SMEs through the introduction of ERP systems*. 2016-17.

- Teodora-Elena Ovesia. *An Exploration into Consumer Behaviour towards e-Commerce: A Comparison between UK and Romania in terms of General Merchandise Commerce in the Online Domain*. 2015-16.
- Atinuke Erejuwa. *Exploring China's e-Commerce Market and its Relations with Western Businesses*. 2015-16.
- Monica Posada. *An Investigation into the Risks Associated with the Potential Loss of Knowledge when a Company Outsources Business Activities*. 2015-16.

MA International Business Management

University of Westminster

- Reham Abdulla. *Brexit's Immediate Impact on the Overall Performance of Real Estate in London, UK*. 2017.
- Christie Brid. *Impact of American Millennial's Transition to e-Commerce on Retailers*. 2017.
- Courtney Schmidt. *The Influences of Consumer Behaviour using Pinterest in the Midwest, United States*. 2017.
- Samir Boukhiam. *The Influence of Instagram on Consumer Behaviour*. 2017.
- Simran Kaur. *The Impact of the Emergence of Reliance Jio on Consumers*. 2017.
- Atiwat Hongupathamchai. *Social Media Marketing*. 2016-17.
- Brunissandre Baitzouff. *The Future of Online Video Advertising*. 2016-17.
- Marcelino Rianko. *Examining the Buying Habits of Physical Goods by Indonesians*. 2016-17.

MSc Purchasing and Supply Chain Management

University of Westminster

- Jessica Bessovi. *Sourcing Issues for Telecommunication Supply Chain Companies in Congo: The Difficulties in developing Efficient Supply Chains*. 2018.
- Lorenzo Dell'Oca. *Blockchain and Fintech Technology in Supply Chain Finance: A Case Study of Amazon*. 2018.
- Nishank Tyagi. *Impact of E-Commerce on Small-scale Businesses*. 2018.
- Trevor Crown. *Public Sector Supply Chain Security: Identifying and mitigating threats in an evolving, complex and globalised ICT acquisition environment*. 2017.
- Yvonne Mennel. *An evaluation of how autonomous systems (ERP) impact supply chain integration within a Swiss manufacturing company*. 2016-17.
- Victor Adebayo. *The Adoption and Application of Electronic Procurement Systems in Developing Countries: An Empirical Analysis of the Nigerian Public Sector*. 2015-16.
- Artiom Palamarcuic. *Supply Chain Management in the Era of Internet of Things: How Digital Technologies, Unified into a Single Platform, can transform Supply Chains: A Case Study of the Coffee Industry*. 2015-16.

BA International Business

University of Westminster

- Samuel Gebru. *Identifying the Key Barriers to Successful Adoption of Social Media in Developing Countries: A Case Study of Ethiopia*. 2016-17.
- Ralitsa Andreeva. *To what extent can cashless payments replace cash payments in the UK and why?* 2016-17.
- Alexander Worth. *Successful Firms in a Sharing Economy: Customer Value Proposition and Supply Chain Configurations*. 2015-16.

examination experience

External Examiner

- Liverpool Business School. BA Business Studies. External Examiner for the following modules: (1) Digital Business, (2) Academic and Business Skills and (3) Business Process Management. 2017-21.
- Coventry University. MSc Management Information Systems and MSc Information Technology Management. 2017-18.

DProf – Internal Examiner

- Louis Spring. *Identification and Analysis of the Socio-Technical Factors associated to information behaviour in module leadership practice at Westminster Business School*. July 2016.

research grants

2018

- UK-China Joint Research and Innovation Partnership Fund. **Title:** Internet-based Knowledge Integration Approach in Innovative Product Design. **Role:** Co-Applicant. (£6,000).
- British Council Newton UK-TH Research and Innovation Partnership Fund Researcher Links Workshop Attendance on 'Sustainable Business Development through Technology and Innovation:

The Digital Transformation of Micro, Small and Medium-sized Enterprises in Thailand'. (£2,500).

2017

- British Council Newton UK-TH Research and Innovation Partnership Fund Researcher Links Workshop Attendance on 'Innovative Higher Education to Enhance Graduate Employability'. (£2,500).
- British Council Newton-Katip Çelebi Fund Researcher Links Workshop Attendance on 'Empowering Entrepreneurship Ecosystem Leaders: Theory and Action'. (£2,000).
- British Council and UK Science and Innovation Network symposium on 'Innovation in Government and Society' Attendance. Muscat, Oman. (£1,600).
- British Council Newton-funded Researcher Links Travel Grant. **Title:** A Framework for Worker Self-Evaluation of Skills required to adapt to Industry 4.0 Manufacturing Environments. **Role:** Co-Applicant. (£6750).

2016

- British Council Newton-CONACYT Fund Researcher Links Workshop Attendance on 'Sustainable Development - Exploring Energy Efficiency Opportunities through Supply Chain and Operations Innovation'. (£2,500).
- British Council Newton-Katip Çelebi Fund Researcher Links Workshop Attendance on 'Participant-Centred Learning in Management Education'. (£2,000).

Assisted Positions (non-awardee)

- 1 PhD Research Grant, Horizon 2020 Marie Skłodowska-Curie. Consortium consisted of 8 partners; 12 full-funded projects, including 4 joint PhDs.
- Horizon 2020 Factories of the Future research grant. Consortium consisted of 8 project partners.
- 2 successful funding applications for EPSRC Industrial Case Award projects in collaboration with BAE Systems.
- 1 successful funding proposal for a European INTERREG project in collaboration with CESI University, Rouen, France.

current professional activities

Senior Positions

- Member of the Editorial Board for the IEEE Transactions on Engineering Management (3*);
- Chair of the IEEE Technical Activity Committee on Engineering Processes;
- Chair of the 'People and Organizations' Regular Track at the International Conference of the IEEE Technology and Engineering Management Society; and
- Co-Editor in Chief of the Journal of Knowledge-Based Engineering and Innovation.

Conference & Journal Committees

- International Scientific Committee Member and Organising Committee Member of the International Conference on Manufacturing Research;
- International Scientific Committee Member of the CIRP International Digital Enterprise Technology Conference;
- International Scientific Committee Member of the IEEE International Conference on Knowledge-Based Engineering and Innovation; and
- Host Committee Member for the International Conference on Computer Aided Design and Applications Conference. University of Greenwich, June 2015.

Peer Review

- IEEE Transactions on Engineering Management (TEMS);
- International Journal of Production Research (IJPR);
- International Journal of Advanced Manufacturing Technology (IJAMT);
- International Journal of Modelling, Identification and Control (IJMIC);
- Electronic Journal of Knowledge Management (EJKM);
- Hawaii International Conference on System Sciences (HICSS); and
- International Conference on Teaching, Assessment and Learning for Engineering (TALE).

publications **Refereed Journal Articles**

1. Sundaram, G. and **Evans, R.D.** (TBD). Flexible Solar Powered Architecture for Wireless Sensor Networks. *Computer Networks*. In Review.
2. Peng, M., Zhang, H., **Evans, R.D.**, Zhong, X. and Yang, K. (TBD). Living Here: The Effects of Objective Air Pollution and Information Transparency on the Perceptions of Air Pollution. *Journal of Cleaner Production*. In Review.
3. Deng, Z., Wei, Z., Xiang, F., **Evans, R.** and Ye, Q. (TBD). Understanding Satisfaction of Social Media in Chinese Government: Information Expression, Content and Effect. *Government Information Quarterly*. In Review.
4. Hongupathamchai, A. and **Evans, R.D.** (TBD). Investigation into the Persuasiveness of Social Media versus WoM among Thai Students when Purchasing Online. *Journal of Theoretical and Applied Electronic Commerce Research*. Accepted.
5. Zhang, W., Deng, Z., **Evans, R.**, Xiang, F. and Ye, Q. (TBD). The Social Media Landscape of China's Tertiary Referral Hospitals: An Observation of the Best 705 Hospitals. *Journal of Medical Internet Research*. Accepted.
6. Rosales, R., Castañón-Puga, M., Lara-Rosano, F., Flores-Parra, J.M., **Evans, R.D.**, Osuna-Millan, N. and Gaxiola-Pacheco, C. 2018. Modelling the Interaction Levels in HCI Using an Intelligent Hybrid System with Interactive Agents: A Case Study of an Interactive Museum Exhibition Module in Mexico. *Applied Sciences*. Vol. 7, Issue. 8. doi: 10.3390/app7080832.
7. Zhang, W., Deng, Z., Hong, Z., **Evans, R.**, Ma, J. and Zhang, H. 2018. Unhappy Patients Are Not Alike: Content Analysis of the Negative Comments from China's Good Doctor Website. *Journal of Medical Internet Research*. Vol. 20, Issue. 1, e35. doi: 10.2196/jmir.8223.
8. Wang, G., Tian, X., Hu, Y., **Evans, R.D.**, Tian, M. and Wang, R. 2017. Manufacturing Process Innovation-Oriented Knowledge Evaluation Using MCDM and Fuzzy Linguistic Computing in an Open Innovation Environment. *Sustainability*. Vol. 9, Issue. 9, Article No. 1630. doi: 10.3390/su9091630.
9. Rosales, R., Castañón-Puga, M., Lara-Rosano, F., **Evans, R.D.**, Osuna-Millan, N. and Flores-Ortiz, M.V. 2017. Modelling the interruption on HCI using BDI agents with fuzzy perceptions approach: An Interactive Museum Case Study in Mexico. *Applied Sciences*. Vol. 7, Issue. 8, Article No. 832. doi: 10.3390/app7080832.
10. Zhang, W., Xu, X., **Evans, R.D.** and Yang, F. 2017. Towards Internationalization: A critical assessment of China's public administration research in a global context 2000-2014. *International Public Management Journal*. Vol. 21, Issue. 1, pp. 74-104. doi: 10.1080/10967494.2016.1276036.
11. Zammit, J., Gao, J.X. and **Evans, R.D.** 2017. A Knowledge Capturing and Sharing Framework for Improving the Testing Processes in Global Product Development Using Storytelling and Video Sharing. *Proceedings of the iMeche, Part B: Journal of Engineering Manufacture*. doi: 10.1177/0954405417694062.
12. **Evans, R.D.**, Gao, J.X., Martin, N. and Simmonds, C. 2017. A New Paradigm for Virtual Knowledge Sharing in Product Development based on Emergent Social Software Platforms. *Proceedings of the iMeche, Part B: Journal of Engineering Manufacture*. doi: 10.1177/0954405417699018.
13. Zammit, J., Gao, J.X. and **Evans, R.D.** 2017. Development of a Knowledge Sharing Framework for Improving the Testing Processes in Global Product Development. *International Journal of Product Lifecycle Management*. Vol. 9, Issue. 1, pp. 1-18. doi: 10.1504/IJPLM.2016.078853.
14. **Evans, R.D.**, El Souri, M., Wang, G. and Zammit, J.P. 2016. Four-view analysis of the perceived organisational changes required to implement micro-blogging during product conceptualisation for capturing consumer conversations. *Procedia CIRP*. Vol. 56, pp. 434-439. doi: 10.1016/j.procir.2016.10.079.
15. Zammit, J., Gao, J. and **Evans, R.** 2016. Capturing and Sharing Product Development Knowledge using Storytelling and Video Sharing. *Procedia CIRP*. Vol. 56, pp. 440-445. doi: 10.1016/j.procir.2016.10.081.
16. Wang, G., Tian, X., Geng, J., **Evans, R.** and Che, S. 2016. Extraction of Principle Knowledge from Process Patents for Manufacturing Process Innovation. *Procedia CIRP*. Vol. 56, pp. 193-198. doi: 10.1016/j.procir.2016.10.053.
17. Rafique, M., **Evans, R.D.**, Khaliq, R. and Hamid, T. 2016. Enhancing Knowledge Acquisition in Pharmaceutical Organisations based in Pakistan. *The International Technology Management Review*. Vol. 6, Issue. 1, pp. 1-6.

18. **Evans, R.D.**, Gao, J.X., Mahdikhah, S., Messaadia, M., Baudry, D. 2016. Crowdsourcing User-Contributed Solutions to Aerospace Product Development Issues through Micro-Blogging. *Electronic Journal of Knowledge Management*. Vol. 14, Issue 2, pp. 126-136.
19. Mahdikhah, S., Messaadia, M., Baudry, D., Mazari, B., Louis, A., **Evans, R.**, Gao, J. and Paquet, T. 2016. PLM adoption in SMEs context. *Computer-Aided Design and Applications*. doi: 10.1080/16864360.2016.1150706.
20. Essop, I.A., **Evans, R.D.**, Giddaluru, M.P., Wan, S. and Gao, J.X. 2016. Investigation into current industrial practices relating to product lifecycle management in a multi-national manufacturing company. *Computer-Aided Design and Applications*. doi: 10.1080/16864360.2016.1150711.
21. **Evans, R.D.**, Gao, J.X., Martin, N. and Simmonds, C. 2015. Exploring the Benefits of using Enterprise 2.0 Tools to facilitate Collaboration during Product Development. *International Journal of Product Lifecycle Management*. Vol. 8, Issue. 3, pp. 233-252. doi: 10.1504/IJPLM.2015.074143.
22. Rafique, M., **Evans, R.D.**, Nawaz, M.T. and Agha, M. 2015. Exploring the required success factors for developing absorptive capacity in knowledge intensive organisations. *The International Technology Management Review*. Vol. 5, Issue. 3, pp. 125-134.
23. Rafique, M., **Evans, R.D.**, Nawaz, M.T. and Agha, M.H. 2015. Should Organisations Compete or Collaborate when Absorbing New External Knowledge? *International Journal of Advanced Corporate Learning*. Vol. 8, Issue. 3, pp. 4-10. doi: 10.3991/ijac.v8i3.4741.
24. **Evans, R.D.**, Gao, J.X., Martin, N. and Simmonds, C. 2015. Integrating Social Knowledge and Collaboration Tools into Dispersed Product Development. *International Journal of Advanced Corporate Learning*. Vol. 8, Issue. 2, pp. 20-27. doi: 10.3991/ijac.v8i2.4548.
25. **Evans, R.D.**, Gao, J.X., Mahdikhah, S., Messaadia, M. and Baudry, D. 2016. A Review of Crowdsourcing Literature Related to the Manufacturing Industry. *Journal of Advanced Management Science*. Vol. 4, Issue. 3, pp. 224-321. doi: 10.12720/joams.4.3.224-231.
26. Mahdikhah, S., Messaadia, M., Baudry, D., Louis, A. and **Evans, R.** 2014. A Business Process Modelling Approach to Improve OEM and Supplier Collaboration. *Journal of Advanced Management Science*. Vol. 2, Issue. 3, pp. 246-253. doi: 10.12720/joams.2.3.246-253.
27. Piorkowski, B., **Evans, R.**, Martin, N. and Gao, J. 2012. A Dynamic Knowledge Management Framework for the High Value Manufacturing Industry. *International Journal of Production Research*. Vol. 57, Issue. 7, pp. 2176-2185. doi: 10.1080/00207543.2012.709650.

Articles in Refereed Conference Proceedings

1. Schaefer, D. and **Evans, R.D.** 2018. Crowdsourcing, Crowdfunding, Mass Collaboration and Open Innovation in 21st Century Design Education. The 3rd Pedagogic Research Conference. Liverpool, United Kingdom, 18 January 2018. Accepted.
2. Ravina-Ripoll, R., Ahumada-Tello, E., Galiano-Coronil, A. and **Evans, R.D.** 2018. Factors Affecting Corporate Happiness within Technology-Based Firms in Andalucía. International Conference of the IEEE Technology and Engineering Management Society. Evanston, USA, 27 June – 1 July 2018. Accepted.
3. Flores-Parra, J.M., Castañón-Puga, M., **Evans, R.D.**, Rosales-Cisneros, R. and Gaxiola-Pacheco, C. 2018. Towards Team Formation Using Belbin Role Types and a Social Networks Analysis Approach. International Conference of the IEEE Technology and Engineering Management Society. Evanston, USA, 27 June – 1 July 2018. Accepted.
4. Schmidt, C.A. and **Evans, R.D.** 2018. Evaluating Socioeconomic Influences on Pinterest Consumer Behavior. International Conference of the IEEE Technology and Engineering Management Society. Evanston, USA, 27 June – 1 July 2018. Accepted.
5. Cuvero, M.A., **Evans, R.D.**, Granados, M. and Pilkington, A. 2018. A Knowledge Spillover-based Approach to New Product Conceptualization. International Conference of the IEEE Technology and Engineering Management Society. Evanston, USA, 27 June – 1 July 2018. Accepted.
6. Ahumada-Tello, E., Castañón-Puga, M. and **Evans, R.D.** 2018. Knowledge Management's Contribution to Organizational Competitiveness: A perspective from complexity theory. International Conference of the IEEE Technology and Engineering Management Society. Evanston, USA, 27 June – 1 July 2018. Accepted.
7. Vister, K.K. and **Evans, R.D.** 2017. Identifying Contributing Factors to Sustainability Awareness in the Norwegian Software Industry. IEEE International Conference on Knowledge-Based Engineering and Innovation. Tehran, Iran, 22 December 2017, pp. 700-705. doi: 10.1109/KBEI.2017.8324888.
8. Zammit, J.P., Gao, J. and **Evans, R.D.** 2017. Identification of Critical Building Blocks in PLM System Implementation in the Automotive Supply Chain. International Conference on

- Manufacturing Research. Greenwich, United Kingdom, 5-7 September 2017, pp. 482-487. doi: 10.3233/978-1-61499-792-4-482.
9. Rion-Davies, D. and **Evans, R.D.** 2017. Exploring the Open Innovation Practices of Three Multi-National Manufacturing Firms. International Conference on Manufacturing Research. Greenwich, United Kingdom, 5-7 September 2017, pp. 301-306. doi: 10.3233/978-1-61499-792-4-301.
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 14. Sadler, R. and **Evans, R.D.** 2016. Social Media Strategies in the Retail Sector: Analysis and Recommendations for Three Multi-National Retailers. IEEE/ACM Multidisciplinary International Social Networking Conference. New Jersey, USA, 15-17 August 2016, Article No. 22. doi: 10.1145/2955129.2955130.
 15. Lewis-Pryde, J. and **Evans, R.D.** 2016. A Social Networking Strategy for Improving Knowledge Management and Communication in the Travel Industry. IEEE/ACM Multidisciplinary International Social Networking Conference. New Jersey, USA, 15-17 August 2016, Article No. 24. doi: 10.1145/2955129.2955143.
 16. Adebayo, V.O. and **Evans, R.D.** 2015. Adoption of e-Procurement Systems in Developing Countries: A Nigerian Public Sector Perspective. IEEE International Conference on Knowledge-Based Engineering and Innovation. Tehran, Iran, 5-6 November 2015, pp. 20-25. doi: 10.1109/KBEL.2015.7436015.
 17. Rafique, M., **Evans, R.D.** and Nawaz, M.T. 2015. Absorptive Capacity: A Hub of Blue Ocean and Red Ocean Strategies and Capability Transformation in Innovative Business Environments. IEEE International Conference on Knowledge-Based Engineering and Innovation. Tehran, Iran, 5-6 November 2015, pp. 60-65. doi: 10.1109/KBEL.2015.7436015.
 18. **Evans, R.D.** and Rafique, M. 2015. Using micro-blogging to dismantle knowledge hierarchies in product development teams. IEEE International Conference on Knowledge-Based Engineering and Innovation. Tehran, Iran, 5-6 November 2015, pp. 78-83. doi: 10.1109/KBEL.2015.7436025.
 19. Saunders, T., Gao, J. and **Evans, R.D.** 2015. Supporting Global Automotive Product Development Projects through the Integration of Systems Engineering Knowledge. International Conference on Manufacturing Research. Bath, United Kingdom, 8-10 September 2015, pp. 159-164.
 20. Zammit, J.P. Gao, J., **Evans, R.D.** and Saunders, T. 2015. Investigating the Use of Social Media in Improving Knowledge Management within a Collaborative Product Development and Testing Environments. International Conference on Manufacturing Research. Bath, United Kingdom, 8-10 September 2015, pp. 135-140.
 21. Rafique, M., Nawaz, M.T., **Evans, R.D.** and Agha, M. 2015. Analysing Success Factors in the Development of Absorptive Capacity in Pharmaceutical Organisations based in Pakistan. International Conference on Business Administration. Dubai, United Arab Emirates, 22-24 February 2015, pp. 235-239.
 22. **Evans, R.D.**, Gao, J.X., Martin, N. and Simmonds, C. 2014. Using Web 2.0-Based Groupware to facilitate Collaborative Design in Engineering Education Scheme Projects. IEEE International Conference on Interactive Collaborative Learning. Dubai, United Arab Emirates, 03-06 December 2014, pp. 397-402. doi: 10.1109/ICL.2014.7017805.
 23. **Evans, R.D.**, Gao, J.X., Owodunni, O., Shah, S., Baudry, D., Mahdikhah, S. and Messaadia, M. 2014. A Framework for improving the Sharing of Explicit Manufacturing Knowledge through Micro-Blogging. IFIP International Conference on Advances in Production Management Systems. Ajaccio, France, 20-24 September 2014. Part 1, IFIP AICT 438, pp. 19-26. doi: 10.1007/978-3-662-44739-0_3.

24. Mahdikhah, S., Messaadia, M., Baudry, D., Paquet, T., Louis, A., Mazari, B. **Evans, R.** and Gao, J. 2014. Towards Supplier Maturity Evaluation in terms of PLM Collaboration. IFIP International Conference on Advances in Production Management Systems. Ajaccio, France, 20-24 September 2014. Part 1, IFIP AICT 438, pp. 201-208. doi: 10.1007/978-3-662-44739-0_25.
25. Wan, S., Gao, J.X., Li, D. and **Evans, R.D.** 2014. Making Informed Decisions on the Maintenance of Manufacturing Systems using Data Mining Technology. International Conference on Manufacturing Research. Southampton, UK, 09-11 September 2014, pp. 65-70.
26. **Evans, R.D.**, Gao, J.X., Woodhead, S. Martin, N. and Simmonds, C. 2012. An Investigation into Collaboration and Knowledge Management during Product Development in the Aerospace and Defence Industry. INSTICC International Conference on Knowledge Management and Information Sharing. Barcelona, Spain, 4-7 October 2012, pp. 113-118.
27. **Evans, R.D.**, Gao, J.X., Martin, N. and Simmonds, C. 2012. An Investigation into the Potential Use of Social Media Technologies to Improve the Product Development Process within the Aerospace and Defence Industry. International Conference on Manufacturing Research. Aston University, UK, 11-13 September 2012, pp. 718-723.
28. Piorkowski, B.A., **Evans, R.D.** and Gao, J.X. 2010. Development of a Face-to-Face Meeting Capture and Indexing Process. IEEE International Conference on Computer Supported Cooperative Work in Design. Lausanne, Switzerland, 8-10 June 2011, pp. 4-8. doi: 10.1109/CSCWD.2011.5960047.

Refereed Book Chapters

1. **Evans, R.D.** and Unanoğlu, M. 2017. The Fourth Industrial Revolution: Skills Required for the new era of Manufacturing. In: H. Bui, ed. 2017. *Innovate Higher Education to Enhance Graduate Employability*. London: Higher Education Academy. Accepted.
2. Zammit, J.P., Gao, J. and **Evans, R.D.** 2017. The Challenges of Adopting PLM Tools Involving Diversified Technologies in Today's Automotive Supplier Business. In: J. Rios, A. Bernard, A. Bouras and S. Fourou, ed. 2017. *Product Lifecycle Management and the Industry of the Future*. Springer, Cham. pp. 59-68. doi: 10.1007/978-3-319-72905-3_6.
3. Zammit, J.P., Gao, J. and **Evans, R.** 2015. A framework to capture and share knowledge using storytelling and video sharing in global product development. In: A. Bouras, B. Eynard, S. Fofou and K.D. Thoben, ed. 2015. *Product Lifecycle Management in the Era of Internet of Things*. Springer, Cham. pp. 259-268. doi: 10.1007/978-3-319-33111-9_24.
4. Piorkowski, B.A., Gao, J.X. and **Evans, R.D.** 2011. A Case-study: Finding References to Product Development Knowledge from Analysis of Face-to-Face Meetings. In: J. Hesselbach and C. Herrmann, ed. 2011. *Glocalised Solutions for Sustainability in Manufacturing*. Braunschweig: Springer-Verlag Berlin Heidelberg. pp. 564-568. doi: 10.1007/978-3-642-19692-8_98.

Newspaper / Magazine Articles

1. **Evans, R.D.** 2018. Strategizing Knowledge Management for Industry 4.0. *IEEE Leader Magazine*, March 2018.

Invited Keynote Presentations

1. *Web-Enabled Knowledge Integration in Innovative Product Development*. Richard Evans. IEEE International Conference on Knowledge-Based Engineering and Innovation. Tehran, Iran. 22 December 2017.
2. *Current Challenges in the Digital Transformation of Manufacturing Companies*. Richard Evans. IEEE International Conference on Knowledge-Based Engineering and Innovation. Tehran, Iran. 22 December 2016.
3. *Experiences of the ERC Starter Grant, the Newton Fund and the University's Distance Horizon Awards*. Richard Evans. University of Westminster, BIMO Research Away Day. 8th July 2016.
4. *Benefits Project: Industrial Investigation at Cummins Power Generation*. Richard Evans, Shan Wan and Ismael Essop. Ford Motor Company, Dagenham, UK. 16th July 2014.
5. *Benefits*. Richard Evans, David Baudry and Mourad Messaadia. TransNetAero Event for European Aerospace Suppliers. Rouen, France. 28th November 2013.
6. *Enhancing Communication between Business Partners Using PLM and Business Process Modelling Tools*. Richard Evans. 13th University of Greenwich, School of Engineering Research Conference. Chatham, Kent. July 2013.

7. *A Semantic Web-Based Interactive Groupware to facilitate Collaboration in Dispersed Product Development Teams*. 2nd University of Greenwich Industrial Workshop on Innovative Product Development. Ramsgate, Kent UK. March 2012.
8. *The Use of Web 2.0 Communication Tools in Global Organisations*. Richard Evans. 11th University of Greenwich, School of Engineering Research Conference. Chatham, Kent. July 2011.
9. *A Semantic Web-Based Interactive Groupware to facilitate Collaboration in Dispersed Product Development Teams*. 7th BAE Systems Knowledge Conference. Farnborough Park Centre UK. November 2010.

**honours &
awards**

- Guest Editor for a Special Issue of the IEEE Transactions on Engineering Management on ‘Open Innovation and Social Product Development’. Co-Editor: Prof Dirk Schaefer (University of Liverpool). **2018**
- Co-Chair for the Regular Track on “People and Organizations” at the International Conference of the IEEE Technology and Engineering Management Society, Evanston, USA, 28-30 June 2018; **2018**
- Session Chair for Special Session on “Information and Knowledge Management” at the 15th International Conference on Manufacturing Research, Greenwich, United Kingdom, 5-7 September 2017; **2017**
- Session Chair for Special Session on “Industry-Based Research in Aerospace” at the 15th International Conference on Manufacturing Research, Greenwich, United Kingdom, 5-7 September 2017; **2017**
- Session Chair for Special Session on “Collaborative Systems for Knowledge Intensive Environments” at the International Conference of the IEEE Technology and Engineering Management Society, Santa Clara, USA, 8-10 June 2017; **2017**
- Nominated for the University of Westminster’s Student Union Prize for Best Staff Member. **2016**
- Best Paper Award at the IEEE/ACM Multidisciplinary International Social Networking Conference. 15-17 August 2016. **2016**
- Host Committee Member for the International Conference on Computer Aided Design and Applications. 22-25 June 2015. **2015**
- Co-Chair of the 5th CiPDM Industrial Workshop on Innovative Product Development at the International Conference on Computer Aided Design and Applications. 24 June 2015. **2015**
- Best Paper Award at the International Conference on Business Administration, Dubai, United Arab Emirates. 22-24 February 2015. **2015**
- Faculty of Engineering and Science Prize for Best PhD Student, University of Greenwich. **2014**
- Best Paper Award at the International Conference on Advances in Management Sciences, Barcelona, Spain. 21-22 February 2014. **2014**
- Session Chair for Special Session on “Knowledge Management” at the 4th INSTICC International Conference on Knowledge Management and Information Sharing, Barcelona, Spain, 04-07 October 2012. **2012**
- Session Chair for Special Session on “Semantic Web Techniques” at the 4th INSTICC International Conference on Knowledge Management and Information Sharing, Barcelona, Spain, 04-07 October 2012. **2012**
- Session Chair for Special Session on “Knowledge Management and New Learning Models and Applications” at the 17th IEEE International Conference on Interactive Collaborative Learning, Dubai, United Arab Emirates, 03-06 December 2014. **2014**
- Session Chair for Special Session on “New Trends in Graduate Education” at the 17th IEEE International Conference on Interactive Collaborative Learning, Dubai, United Arab Emirates, 03-06 December 2014. **2014**
- Best Oral Presentation at the 11th University of Greenwich, School of Engineering, Research Conference. **2011**

**Selected
training**

- Publishing Strategies, University of Westminster **2016**
- Writing Targeted Grant Proposals, University of Westminster **2015**
- Supervising Postgraduate Research Students, University of Greenwich **2014**
- Writing Research Commercialisation Bids, University of Greenwich **2012**
- HTML 5 Workshop, British Computer Society **2012**

- IT Management for Business, University of Greenwich
- The Business Value of Social Media, University of Kent

2011

2011

professional memberships

- Fellow of The Higher Education Academy (FHEA).
- Member of the Institute of Electrical and Electronics Engineers (IEEE).

references

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