



## Prof. Barry Jones, PhD; FASCE; FCIOB Professor of Construction Project Management

### Degree and Awards

- PhD. Civil Engineering Department; University of Southampton, Southampton, UK, Thesis Title: "A Model for Collaborative Engineering in the Construction Industry" (1999)
- Master of Science 'Construction Management and Economics'; The University of Aston in Birmingham, UK (1980)
- Undergraduate Construction Engineering and Management: HNC (Building), Luton College of Technology, UK
- Fellow – American Society of Civil Engineers (2003)
- Fellow – Chartered Institute of Building (2003)
- Member America's Registry of Outstanding Professionals (2003)
- Distinguished Educator Award, California Faculty Association, (2004)
- Award nomination for distinguished professor award (2006)
- Outstanding Educators Award in recognition of my contribution to Excellence in Teaching and Support for Construction Education ASC (Boston 2010)
- Specialize teaching in Construction Management for Heavy Civil Construction; Project Management; International Construction; Estimating, Controls and Contract; Collaborative Engineering; IPD and Professional Development for CM professionals.
- Last 3 years the Heavy Construction team that I teach won the ASC Western Regional competition in Reno and then went on to win the USA National competition.
- Dr Jones has developed many contacts with Contractors and Civil Engineering firms in the USA and UK. Each year he runs a field trip to the Bay area (last year 17 companies and projects were visited), or London where the students base themselves for 5 weeks at University of Sussex and visit many projects.
- He has both American and British citizenship.

### ACADEMIC, RESEARCH AND INDUSTRIAL EXPERIENCE

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The following demonstrates leadership and authority in teaching research and scholarship.

#### Outstanding Contribution

Prof. Jones has established an International reputation in Collaborative Engineering through his research focused on developing an integrated decision-support system for solving complex problems using a collaborative multi-agent approach. Particularly significant is the fact that the construction industry is finally rapidly advancing in the ways it interrogates project proposals by a integrated multi-disciplined team approach (IPD); through BIM and other collaborative systems and tools. His contribution to the Construction Industry has developed through a first-hand knowledge of working or monitoring construction projects in the UK, USA and Internationally with different companies in senior project management positions. This provided a solid grounding in the construction professions and understanding of the business of construction including strategic facility management. It was the springboard to establish his reputation as an academic who could relate to the research needs of the construction industry while still relating to the nuts and bolts of the business.

In particular notable achievements and appointments include:

Innovative and Originality: Doctorate research work carried out in the Civil Engineering Department at the University of Southampton, UK. A department consistently rated in the top four civil engineering departments in the United Kingdom, accepting the top engineering candidates only. It achieved a five star rating in the 2001 UK Research Assessment Exercise; just one other Engineering Faculty in the UK achieved this in 2001. His research work in collaborative engineering led to the development of a computer model to facilitate collaboration between all the parties to the contract. This work was cutting-edge relative to the strategic direction of the UK Construction Industry and the call for change proposed by Sir Michael Latham, "Constructing the Team" and Sir John Egan "The Report of the Construction Industry Task Force: Rethinking Construction." Recent work researches ways to bring 'trust' among a multi-discipline project team, employing alternative contract delivery strategies that give greater value to the client of construction services. The past year has been spent exploring ways of how the construction process can be made more environmentally friendly.

Technical Professional Experience: Dr Barry Jones has over 30 years' experience in project management built-up through management consultancy, working with project management teams in various companies, and researching or teaching at universities and company training courses. Over 17 of those years have been spent working in various companies that manage heavy engineering, commercial or computer software projects in the USA, UK, Europe, and the Far East. Including Shell, Kier, Jardine, Laing, Bovis and Peregrine Systems in addition to working with many smaller firms. His technical knowledge spans across the project supply chain from project conception and design through to facility management. His role also involved training project managers in many of these companies. His appointment as Senior Engineer with Shell Exploration and Production resulted in significant achievements include working on developing a new generation of project control tools to assist the project management of building Oil and Gas platforms during the early days of the UK's North Sea Oil Industry. Some of the first experiments of interdisciplinary integration took place during this time.

From 1998 to 2001 he worked as European Managing Consultant for Peregrine Systems managing a number of IT projects in Europe with many corporate clients.

Educator: He has held academic positions at a number of universities including the University of Brighton, UK; Kingston Regional Management Center, UK; the University of Southampton, UK; and Dorset Institute of Technology, UK; Melbourne Institute of Technology, Australia; Stanford University, USA; North Carolina State University, USA, Cape Peninsula University of

Technology, University of Applied Science, Graz, Austria, and California Polytechnic State University where he is now a professor of construction project management. The tasks have been varied and exposed Dr. Jones to working in Colleges of Business Management, Civil Engineering, Architecture and Environmental Design, Building, Regional Management Center, and IT. Teaching and research supervision of many hundreds of students in the skills of construction project management including visiting professor to the Department of Civil Engineering at Stanford University, Palo Alto, USA with the opportunity to work alongside researchers in the Center for Integrated Facilities Engineering (CIFE). In particular, the partnerships he has established between some of the largest construction companies in California and Cal Poly students through the Capstone (Professional Development) program he developed at Cal Poly. In 2003/2004 he was awarded the title 'Distinguished Educator' from academics across the Cal Poly University. In 2007 he was nominated for the 'Distinguished Professor' award. In 2008, 2009, 2010 the team he coached won the ASC top award in the USA in the Heavy Civil Construction sector; after becoming Regional champions the team went on to compete against all ASC regions in the USA and won.

Courses Taught include Construction Management, Project Management, Construction Engineering, Engineering Economy, Plant and Equipment; Project Controls, Cost Planning, Finance and Economics, Contract Administration, IT systems, Strategic Management, Facilities Management, Building Technology and Systems, Construction Method, Design, Professional Development; Operations Management, IT systems, Estimating and Method, RRM, Risk Analysis. Many courses were at senior year or Master's degree level. More recently in the USA these courses have included CM 221 Concrete Technology; CM 343 Earthworks and Civil Works Construction Practices; CM 431 Integrated Project Services; CM463 Professional Practice for Senior Construction Project Management; CM461 Senior Project; CM332 Cost Alternative Evaluation; CM 454 Estimating; CM452 Project Controls, AR 106 Materials of Construction Lab; CM 400 Senior Project: CM213 Integrated Heavy Civil Construction.

Advancement of the profession: The Fellow designation of the American Society of Civil Engineers that is considered one of the most esteemed honors that Civil Engineers can receive from their peers. In bestowing the grade of Fellow on Dr. Barry K. Jones and other ASCE members, ASCE's Past President Delon Hampton pointed out that "the work of these prominent Civil Engineers realizes a major goal: to serve as stewards of the public infrastructure and guardians of public health and safety." In the same year he was recognized as meeting the requirements of Fellow of the Chartered Institute of Building. The award of a professorship chair in Construction Project Management was also a notable achievement. Recently he received an Outstanding Educators Award in recognition of my contribution to Excellence in Teaching and Support for Construction Education.

Curriculum development and Innovative: Dr. Jones has spent much of his career in university education developing and revising curriculum either for individual courses or subject programs at certificate, undergraduate degree and master's degree programs both in the UK and USA. One of his first opportunities was developing a Master's degree in partnership with Bovis Construction while employed as a principal lecturer at the University of Brighton (then Brighton Polytechnic). This was the first partnership initiative of this kind that provided many of Bovis's middle management a continuing education program that led to a Masters Degree, and to which both parties to the partnership collaborated to deliver the program. It also went on to produce a number of PhD candidates through applied research. He has also served on program development teams including: MBA; MSc (Construction and Project Management); BSc (Hon) Financial Services; BSc (Hon) Business Management; BSc (Hons) Construction Management; BSc (Hons) Building Surveying; BSc (Hons) Building Engineering and Management; BSc (Hons) Building; BSc (Hons) Project Management; BSc (Hons) Manufacturing Engineering; BSc(Hons) Information Systems; HND Information Technology;

HNC/ONC Building; BSc(Hons) Civil Engineering. Professor Jones has been involved with innovative curriculum development for all of the years he has been in academia both at department and College level often acting as the chair of difference committees. He has headed up a division of Operations Management in a School of Business Management in addition to running undergraduate and masters' degree programs.

Research: He is an active researcher with his main interest centered on the development of integrated decision-support systems for the solution of complex problems using a collaborative multi-agent approach. Recent work researches ways to bring 'trust' amongst a multi-discipline project team employing alternative contract delivery strategies that give greater value to the client of construction services. The past year has been spent exploring ways the construction process can be made more environmentally friendly. He has worked with and supervised BSc, MSc and PhD candidates. Present opportunities in research include collaboration with the Collaborative Agent Design Research Center that applies advanced information systems technology to real-world problems in industry, commerce and government. Projects focus on end-user applications, advanced software development tools, applied research, and the exploration of theoretical concepts.

## Career Details

### 2001 to present

**California State University, San Luis Obispo  
Construction Management Department, California, USA.**

#### ***Full Tenured Professor of Construction Project Management***

- Research collaborative engineering of integrated decision-support systems for the solution of complex problems using a collaborative multi-agent approach.
- Teaching and course development
- Course and department management
- Industry liaison

**IT Industry - Peregrine Systems Inc, San Diego, USA, based in Richmond, UK**

#### ***Senior Technical Consultant (Europe) then European Project Management Consultant Facility management***

- Peregrine are a software house and leading provider of Facility Infrastructure Management solutions-
- My role was project manager of all the FM software product implementations across companies in the UK and Europe with a specific consultancy mandate for FM
- Company turnover \$300 million.
- Key role in research into technical/strategic feasibility of infrastructure solutions into new organizations.
- Customers that I have had contact with either from initial stages of the project or/and full implementation and management include: AstraZeneca; Capp Gemini; Carillion/BT; Ericsson; Ernst and Young; The European Commission; Fortis; ICL; InfraCom; Italian MOD; IX Europe; KBC Bank; MerrillLlynch; PriceWaterhouse; ProKom; Province of Antwerp;

SEMA; Seiko; Siemens; SmithKlineBeecham; UCL;  
Aramco; Hewlett Packard

**Wessex Consultancy , London, UK**

**Owner**

- Consultancy in project management and design
- Computer training in custom designed IT solutions.

**University of Brighton, Brighton, UK  
Construction Management Department -  
Faculty of Engineering and Environmental  
Science**

***Principal Lecturer (Associate Professor)***

Roles undertaken at different times include:

- Research supervision of undergraduate and graduate dissertations over a period of 10 years including projects with SERC funding on "Waste on Construction Projects"
- Active research in the area of collaborative engineering
- Author or Co-author of research publications (as listed )
- Program Leader Masters in Construction Management tailored specifically for Bovis Construction and including Masters level dissertation supervision.
- Program leader undergraduate program in Project Management
- Program leader undergraduate program in Construction Management
- .Industrial liaison/extension program manager.

**University of Bournemouth, Bournemouth, UK**

***Head of the Division of Operations  
Management -Business Department***

- Department management of the Operations Management division that was one of three divisions in the Business School comprising a team of 10 faculty.
- Research in Operations Management with particular emphasis on life-cycle costing of manufactured products.
- Served on the development team for the MBA program
- Management and development of curriculum
- Teaching at undergraduate and graduate levels

- Course leader Diploma in Management Studies

**Kingston Regional Management Center,  
London, UK**

***Management Consultant in Operations and Project Management***

- Operations Management applied to small businesses.
- Consultancy with many different size companies with the aim to lean and re-engineer systems and processes.
- Management training courses
- Development and Teaching on MBA and DMS/CMS in Operations Management

**Shell Exploration and Production**

***Senior Engineer - controls and cost engineering***

- Project analyst for management control applications -heavy engineering structures
- Planning and cost control management
- Delivering project management courses
- Economic Analysis
- Project Management

**Luton College of Technology (University of Luton)**

***Senior Lecturer and program leader in the Department of Building***

**Kier Ltd, Tempsford, UK –Civil Engineering and Building**

***Senior Planning Engineer /Site Management Supervisor***

- Project management
- Planning and control of building and civil engineering projects.
- UK based project management

**John Laing Construction**

***Trainee Site Manager then assistant supervisor***

- Management of building projects ranging from residential, commercial and industrial from low to high rise.
- Mainly UK and London based construction projects

**Bedford Borough Engineers – City Offices**  
**Trainee - Engineers Department**

**Other Appointments and International Activities:**

**Visiting lecturer** -Department of Civil Engineering -CM program, North Carolina State University, Raleigh, North Carolina

**Visiting professor** -Department of Civil Engineering; Construction Management program and Centre for Integrated Facilities Engineering. Stanford University, California, USA. Role to carry out joint research in collaborative engineering and teaching at undergraduate and master's level.

**Visiting Scholar** -1994- 1995 Department of Construction Management, California Polytechnic State University – Role to carry out research and interact with the research team in project models for computer integrated problem solving including writing a number of research paper as defined on page 6.

**Visiting lecturer** Department of Civil Engineering .University of Southampton

**Visiting lecturer** - Universiti Sans Malaysia, Penang, Malaysia

**Visiting lecturer** - Mara Institute of Technology, Kuala Lumpur, Malaysia

**Visiting program advisor** - Royal Melbourne Institute of Technology, Melbourne, Australia

**Visiting professor** - Colleges of Higher Education, Dubai, UAE.

**Visit** to develop a Partnership with Technical University - FH Joanneum, Graz, Austria through International Education and Programs

**International collaboration** with the DTI Innovation Programme Proposal “Accelerating Integrated Teams and Supply Chains”.

**Discussions** with representatives from the College of Architecture at the Benemerita Autonomous University of Puebla, Mexico.

**Manage (ongoing)** the Cal Poly CM London Summer Program based at University of Sussex, Brighton, England.

2006/2007 Spent at Cape Peninsula University of Technology (CPUT), Cape Town, South Africa and the South Africa Built Environment Research Center (SABERC). Visits were made to the Faculty of Engineering and The Built Environment, University of Johannesburg, The Department of Construction Economics at The University of Pretoria; The department of Building Sciences at Tshwane University of Technology, SA and The Department of Construction Management, University of Port Elizabeth and the University of the Witwatersrand.

During 2011 the first two teaching quarters Dr Jones visited and taught at The National University of Singapore; Singapore Polytechnic; The University of Science, Penang, Malaysia; University Teknologi, MARA

institute, Kuala Lumpur and The University of Moratuwa, Sri Lanka where he conducted either seminars or short courses in Construction Project Management. He then visited FH Joanneum, University of Applied Sciences, Graz, Austria to interact and teach on their CM program for 2 months.

### **Papers and academic activities**

**Jones.B.K.** (1991) Report "Advances in Project Management Collaborative Information Systems in the USA" presented to the Technical Board of Balfour Beatty Construction Company, August 1991

**Jones.B.K.** (1993) seminar organiser " The Use of Intelligent Computer Assisted Design in the Construction decision making process", CalPoly, USA, 1993.

**Jones, B. and Riley, M.J.** (1993) "Concurrent Integrated Design". In: B.H.V.Topping and A.I.Khan, ed. Information Technology for Civil and Structural Engineers, Edinburgh, Civil-Comp Press, August 1993, pages 53-60. ISBN 0-948749-16-4.

**Jones.B.K. and M.J.Riley** (1993) Colloquium on Concurrent Engineering -getting it right first time, Concurrent Engineering conference, IEE, London, June 8th, 1993

**Chairperson: Conference Session 04W4: Management Systems II**, The American Society of Civil Engineers Fifth International Conference on Computing in Civil and Building Engineering, Anaheim, USA, June 1993

**Chairperson: Conference Session 04W3: Management Systems I**, The American Society of Civil Engineers Fifth International Conference on Computing in Civil and Building Engineering, Anaheim, USA, June 1993.

**Jones.B.K. and M.J.Riley** (1994) Concurrent Construction Analysis with Intelligent Design Tools, First Congress on Computing in Civil Engineering, ASCE, Washington D.C. USA. June 1994. Pp 79-87

**Jones.B.K. and M.J.Riley** (1994) Co-operative Distributive Construction Problem Solving, 7th Intl. Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, pp 89-96.

**Jones, B. and Riley, M.J.** (1994) "Concurrent Engineering - an alternative way for the Construction Industry". In: *Project*, Association of Project Managers, July 1994, volume 7, Number 2, pages 17-18. ISSN 0957-7033.

**Jones, B. and Riley, M.J.** (1994) "The Concurrent Modelling Environment". In: *Project*, Association of Project Managers, September 1994, volume 7, Number 4, pages 18-19. ISSN 0957-7033.

**Jones, B. and Riley, M.J.** (1994)"Construction Problem-Solving Agents". In: *Project*, Association of Project Managers, October 1994, volume no. 7, Number 5, pages 9-10. ISSN 0957-7033.

**Jones, B. and Riley, M.J.** (1994)"Collaborative Design". In Campus Construction, journal of the Chartered Institute of Building. October 1994. p 16-17.

**Jones.B.K.** (1994) Concurrent Construction Decision-Making within a Co-operative Distributive Agent- Centred model, Associated Schools of Construction, Conference, Reno, USA.

**Jones.B.K. and M.J.Riley** (1995) Collaborative Construction Agents, ASCE, 2nd Congress on Computing in CE, Atlanta, USA, June 1995, pp 1316-1323.

**Jones.B.K. and M.J.Riley** (1995) Autonomous Construction Agents in an ICADS environment, ASCE,6th Intl. Conf. In civil and building engineering, Berlin, Germany, July 1995, pp 407-412.

**Jones.B.K. and M.J.Riley** (1995) Is there Room for Construction Management Agents to Assist the Design Process ? , 8th Intl. Conference on Systems Research, Informatics and Cybernetics; focus seminar on Advances in Co-operative Computer-Assisted Environmental design Systems, Baden-Baden, Germany, Aug 1995, pp 91-100

**Jones.B.K. and M.J.Riley** (1995) ,A Computer-Aided Environment to Assist Engineers view CM criteria and constraints at early design stages, Sixth International Conference in Civil and Structural Engineering Computing, Cambridge, England.

**Jones.B.K. and M.J .Riley** (1995) Autonomous Construction Agents in an ICADS Environment; seminar paper, Information Technology Research Institute,. Brighton, England, 18/5/97

**Jones, B.K.** (1998) Collaborative Design Assistance through Autonomous Construction Management Agents, W96 Symposium, Univ. of Brighton, Sept 1998.

**Jones, B.K.** (2002) Collaborative Problem Solving on Construction Projects, ASC, The Second International Conference on Information Systems in Engineering and Construction Cocoa Beach, Florida (ISEC 2002); June 14<sup>th</sup> 2002

**M.J.Riley and Jones.B.K.** (2003) LOUPS- Logistics Optimization Using the Project Modeling System, International Conference on Industrial Logistics (ICIL) Conference, Finland, June 18th, 2002

**Jones, B.K** (2003) "Human-Machine Collaboration to bring essential Knowledge to the Inter-disciplinary construction team", International Conference– Construction Project Management Systems: The Challenge of Integration (CIB W99)\*, San Paulo, Brazil 25-28 March 2003 – Professional development fund award

**Jones, B.K.**(2003) " American Society of Civil Engineers Nashville 2003 Civil Engineering Conference and Exposition November 12-15 2003 Session: Culture and Trust in Construction Presenter and technical

session coordinator with invited speakers from the UK, India and the USA.

**Jones, B.K.** (2004) advisory paper "The implications of Latham, Egan and Urban Task Force reports for Interdisciplinary working"

**Jones, B.K** (2004) "Collaborative Decision Support Systems, 16<sup>th</sup> International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany, July 29<sup>th</sup> 2004

**Jones, B.K** (2004) proposal " Health and Safety Accident Improvements" 4<sup>th</sup> Triennial International Conference, 'Rethinking and Revitalizing Construction Safety, Health, Environment and Quality, Port Elizabeth, South Africa.

**Jones, B.K** (2004) "Contract strategy - built on collaboration and trust Observations on changing USA traditional contract procurement to strategies built on trust and collaboration" Seminar presentation at Salford University, Manchester, England sharing a platform with Sir Michael Latham

**Jones, B.K** (2005) "Knowledge Sharing in the Inter-disciplinary Construction Team" Special Focus Symposium on Systems Research in the Architecture, Engineering and Construction (AEC) of Built Environments" (PDF) INTERSYMP-2005: 17<sup>th</sup> International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany

**Jones, B.K** (2005) paper accepted "Trust in Construction Project Management - Observations from Practitioners in the USA [CITC-III Conference](#), Athens, Greece.

**Jones, B.K (2006)** Presentation "Collaborative Knowledge Sharing in the Inter-disciplinary Project Team" ASC Conference, Fort Collins, Colorado, USA.

**Jones, B.K (March 2007)** Key note presentation "The Changing Role of the Construction Manager" University of Port Elizabeth. SA

**Jones, B.K (January 2007)** Keynote presentation (2007) 'Capstone' courses in Construction Management University of Johannesburg, SA

**Jones B.K (January 2007)** Keynote presentation ' CM education in the USA' Dept. of Construction Economics, University of Pretoria, SA

**Jones, B.K (March 2007)** Presentation South African Industrial Liaison Group, University of Port Elizabeth, SA

**Jones, B.K (March 2008)** Agent assistance for interrogating safe and healthy methods of working, CIB W99\* Univ. of Florida Gainesville. M.E. Rinker, Sr. School of Building Construction . \*The CIB (International Council for Research and Innovation in Building and Construction) was established in the 1950s for the purpose of serving as a forum for sharing research findings on a variety of construction-related topics. CIB W99, Working Commission on Safety and Health on Construction Sites, was founded in 1995.

**Jones, B.K (May 2009)** "A Model For Increased Collaboration In Construction" Fifth International Conference on Construction in the 21<sup>st</sup> Century (CITC-V) "Collaboration and Integration in Engineering, Management and Technology" May 20-22, 2009, Istanbul, Turkey.

Moderator technical session Fifth International Conference on Construction in the 21<sup>st</sup> Century (CITC-V) "Collaboration and Integration in Engineering, Management and Technology" May 20-22, 2009, Istanbul, Turkey

Moderator Technical Session ASC Boston USA April 2010

Jones, B.K. (August 2010) paper: "Integrating Design and Construction Problem Solving at Pre-construction Stages", 2<sup>nd</sup> International Conference on Construction in Developing Countries (ICCIDC-2), Advancing and Integrating Construction, Cairo, Egypt.

**Jones, B.K (2011)** "Agent Assistance in Refining Design and Construction Decisions Integrating design and construction problem solving at pre-construction stages" Special Focus Symposium on Decision Technology and Intelligent Information Systems" ) INTERSYMP-2011: 23<sup>rd</sup> International Conference on Systems Research, Informatics and Cybernetics, Baden-Baden, Germany

**Jones, B.K (2011)** "Computer Integrated Construction through IPD, BIM and Collaborative Engineering" CIB W107 Construction in Developing Countries, Hanoi, Vietnam, November 2011

**Jones, B.K (2012)** et al. "Facilitating Integrated Project Delivery" Athens Institute for Education and Research -ATINER, 2<sup>nd</sup> Intl Conference on Construction, June 2012 (paper accepted)

**Jones, B.K (2012)** "Interrogation of Safety Issues through Computer Integrated Construction" CIB W99 International Safety Conference on Modeling and Building Safety Singapore 10th-11th September 2012

Jones, B.K (2012) et al "Collaborative Engineering Assisted by IPD, BIM and Intelligent Agents" The First Australasia and South East Asia Structural Engineering and Construction Conference (ASEA-SEC-1) Perth, Australia, from 28 Nov - 02 Dec, 20 (paper accepted not presented)

Jones, B.K (2013) Conference: "Sustainable Built Environment for Now and The Future" Hanoi, NUCE Vietnam, 26<sup>th</sup> – 30<sup>th</sup> March 2013 paper accepted "Virtual Design and Construction in Support of Sustainable Construction Projects"

Jones, B.K (2013) ISEC-7 Conference: Engineering in a Virtual Design and Construction Environment ISEC 7th International Structural Engineering and Construction Conference

(ISEC-7), Honolulu, Hawaii, June 18-23, 2013 paper accepted not presented “Collaborative Engineering assisted by IPD, BIM and Intelligent Agents”.

Jones, B.K (2013) SB 13 Singapore is part of a series of regional conferences hosted in different parts of the world in 2013. Hosted in Singapore by the BCA Centre for Sustainable Buildings (BCA CSB) and co-organised with the National University of Singapore (NUS), Conference (SB13), Singapore, Sept 8-10, 2013 paper “Collaborative Engineering Assistance for Sustainable Design”.

Jones, B.K (2013) Seventh International Conference on Construction in the 21st Century (CITC-VII) will be held in Bangkok, Thailand from December 19-21, 2013 paper “Integrated Project Delivery(IPD) for a Sustainable Design and Construction”.

CIB World Building Congress to be held in Brisbane, Australia, May 2013

Research paper reviewer USA Associated Schools of Construction ongoing to present date

Research paper reviewer South Africa Associated Schools of Construction ongoing to present

Research paper reviewer for the Fifth International Conference on Construction in the 21<sup>st</sup> Century (CITC-V) 2009

Research publications and Masters degree dissertation examiner CPUT, South Africa

Research paper reviewer CITC-V

Research paper reviewer ICCIDC-II

Recent Californian and International Companies that have interacted with my Courses over the past 12 months: Granite Construction; Cupertino Electric; Rudolph and Sletton; XL Construction; Bechtel (USA and UK); Kiewit; DPR; Walters and Woolfe; Pankow; Overaa; Bovis Lend Lease (USA and UK);Parsons; Hathaway Dinwiddie; Preston Pipeline; DeSilva Gates; Taylor Woodrow(UK); Sir Robert McAlpine; Canary Wharf Development Company London; Costain London; Balfour Beatty. Brookfield (Europe); Mace; Skanska