<table>
<thead>
<tr>
<th>TABLE OF CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Head’s Message</strong></td>
</tr>
<tr>
<td><strong>People</strong></td>
</tr>
<tr>
<td>Advisory Committee</td>
</tr>
<tr>
<td>Staff</td>
</tr>
<tr>
<td>Academic Staff</td>
</tr>
<tr>
<td>Administrative &amp; General Staff</td>
</tr>
<tr>
<td>Technical Staff</td>
</tr>
<tr>
<td>Research Personnel</td>
</tr>
<tr>
<td>Staff Movement</td>
</tr>
<tr>
<td>Promotion</td>
</tr>
<tr>
<td>New Staff</td>
</tr>
<tr>
<td>Departure</td>
</tr>
<tr>
<td>Teaching &amp; Learning</td>
</tr>
<tr>
<td>Programme List</td>
</tr>
<tr>
<td>Student Exchange Programme</td>
</tr>
<tr>
<td>Student Exchange Workshop</td>
</tr>
<tr>
<td>Work-Integrated Education</td>
</tr>
<tr>
<td>Mentorship Scheme</td>
</tr>
<tr>
<td>Study Tour</td>
</tr>
<tr>
<td>The Dean’s Honours List</td>
</tr>
<tr>
<td>Preferred Graduates</td>
</tr>
<tr>
<td>Prizes, Scholarships and Bursaries</td>
</tr>
<tr>
<td>Research &amp; Consultancy</td>
</tr>
<tr>
<td>List of New Projects</td>
</tr>
<tr>
<td>Projects Funded by External Grants</td>
</tr>
<tr>
<td>Projects Funded by Central Research Grant</td>
</tr>
<tr>
<td>Postgraduate Research</td>
</tr>
<tr>
<td>Research Graduate Theses</td>
</tr>
<tr>
<td>Postgraduate Research Students (FT/PT)</td>
</tr>
<tr>
<td>Research Output</td>
</tr>
<tr>
<td>Publication in Refereed Journals</td>
</tr>
<tr>
<td>Books, Research Books or Monographs</td>
</tr>
<tr>
<td>Consultancy Projects</td>
</tr>
<tr>
<td>Prizes and Awards</td>
</tr>
<tr>
<td>Departmental Seminar/Conference Series</td>
</tr>
<tr>
<td>Property &amp; Facility Management: Opportunities and Challenges</td>
</tr>
<tr>
<td>The 9th International Value Management Conference</td>
</tr>
<tr>
<td>Conference on Property Rights &amp; Economic Reform cum Nobel Laureate Distinguished Lecture</td>
</tr>
<tr>
<td>BRE Advanced Lecture Series (March &amp; June)</td>
</tr>
<tr>
<td>Dialogue with BRE Alumni (March)</td>
</tr>
<tr>
<td>Towards A Quality and Sustainable Built Environment Policy Forum</td>
</tr>
<tr>
<td>Seminar on Property and Facility Management</td>
</tr>
<tr>
<td>Departmental Activities</td>
</tr>
<tr>
<td>PolyU Building Named in Honour of Former Graduate, Mr. Ng Wing Hong</td>
</tr>
<tr>
<td>PolyU Education Info Day</td>
</tr>
<tr>
<td>Building Safety Carnival</td>
</tr>
<tr>
<td>Gammon Cheque Handover cum Division Opening Ceremony</td>
</tr>
<tr>
<td>BRE Developmental Forum</td>
</tr>
<tr>
<td>BRE Christmas Party</td>
</tr>
<tr>
<td>Marketing in Mainland China</td>
</tr>
<tr>
<td>BRE Alumni Quinquennial Reunion Dinner</td>
</tr>
<tr>
<td>BRE Retreat</td>
</tr>
<tr>
<td>Reception of Mentors</td>
</tr>
<tr>
<td>Visit of Guangzhou University</td>
</tr>
<tr>
<td>Matching Grant Scheme (MG4)</td>
</tr>
<tr>
<td>Academic Visitors</td>
</tr>
</tbody>
</table>
Chapter 1: Head’s Message: Building Real Eminence

This booklet has been prepared to provide a summary of the activities of the Department of Building and Real Estate of The Hong Kong Polytechnic University during the academic year 2008/09.

The year under review is characterized with changes and achievements. We have enjoyed a sustained growth in staffing, teaching & learning, research & knowledge transfer, partnership with the industry and academic patronage.

The over-arching goal of the Department remains the preparation of students to meet the needs of our region as it evolves economically and socially. Our students are provided with a diverse and intellectually stimulating educational experience for which they are presented with a rigorous and professionally-oriented curriculum, interdisciplinary projects, international exchanges, study tours and work-integrated placements. Our BSc (Hons) Surveying programme remains to be the most popular and preferred programme amongst offerings of the same kind by other institutions. We shall continue to work on enhancing our vibrant collaborations with the professions and our counterparts, and to proactively recruit outstanding students locally and internationally.

Our planning for the new four-year undergraduate degree programme, to be introduced in 2012, is well underway. We shall capitalize on this unique opportunity to enhance the all-round development of students with a solid professional foundation, in order to rise to the challenges of globalization.

On the research front, we have successfully secured competitive funding for 5 new projects worth HK$2.64M from the Research Grant Council (RGC)’s General Research Fund, formerly known as Competitive Earmarked Research Grants or CERGs. Our research effort is reflected in our internal RAE index of 88%. Applied research and knowledge transfer in many areas such as construction virtual prototyping and the rapid demountable platform, has had impact in the community in solving real-world problems as recognised by various patents, awards, and research funds, both locally, nationally and internationally.

Of particular note is PolyU continues to rank first amongst local universities in research funding for the category of “Civil Engineering, Surveying, Building and Construction” for the ninth consecutive year with the RGC’s General Research Fund. According to an independent survey recently conducted by internationally-renowned Thomson Reuters, owner of the Science Citation Index (SCI) database, in both the field of Civil Engineering and the field of Construction and Building Technology, PolyU leads all other universities in the world in both the total number of papers published in SCI journals over the five-year period from 2003 to 2007 and the total number of citations received by these papers over the six-period from 2003 to 2008 from other SCI journal papers.

Being one of the academic departments in PolyU with a remarkable history since the era of the Trade School, we have a large number of alumni in leading positions in both Government and the private sector. The achievements of BRE alumni are well demonstrated in the PolyU Outstanding Alumni Selection where out of a total of 44 awardees so far, 10 are affiliated with BRE Department. Under the year of review, Mr Ng Wing Hong and Mr Thomas O.S. Ho are the proud recipients of the Outstanding PolyU Alumni Award 2009. Our “Advanced Lecture Series” and “Dialogue with BRE Alumni” have provided a platform for further growth and progress in industrial networking. We are particularly thankful to our alumni who are passionate about our development with generous contributions through involvement in our mentorship scheme, industrial placements, and also donations which support student development and professional advancement.

Sustained momentum for our continued change and development will depend on the efforts of our staff, students, alumni, profession and collaborative partners. We are confident we are well-equipped to work with you to meet the challenges ahead. I would like to thank all those who have helped the Department in different capacities in our pursuit of academic excellence. Thank you.

Professor Geoffrey Qiping SHEN, BEng PhD CVS VMF FHKIVM MiVM
Chair Professor of Construction Management
Head, Department of Building and Real Estate
Associate Dean, Faculty of Construction and Land Use
The Hong Kong Polytechnic University
Chapter 2: People

Advisory Committee

CHAIRMAN

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Adjunct Professor
Department of Building and Real Estate
The Hong Kong Polytechnic University

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SHEN Geoffrey Q. P. (Prof)
Head of Department of Building & Real Estate
Associate Dean of Faculty of Construction and Land Use
The Hong Kong Polytechnic University

TENG Jin Guang (Ir Prof)
Associate Vice President & Dean of Faculty of Construction & Land Use
The Hong Kong Polytechnic University

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Professor and Associate Head
Department of Building & Real Estate
The Hong Kong Polytechnic University

CHAN Ka Kui (Prof)
Managing Director
Hsin Chong Construction Group Ltd.

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Director & General Manager of Civil Engineering Department
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HO Edmund H. K.
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Staff

Academic Staff

HEAD AND CHAIR PROFESSOR

Professor Geoffrey Qiping SHEN
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Teaching areas
Value Management in Construction, Construction Project Management, Research and Consultancy Techniques

Research interests
Group Dynamics in Collaborative Working, Value Management and Partnering, Construction Information Technology, Sustainable Development

Biography
Prof. Shen is an active researcher in collaborative working in construction, supported by information technology. He has managed a large number of research projects with a total funding over HK$15 million, and has published extensively in both academic and professional journals. He is the President of the Hong Kong Institute of Value Management, and a Certified Value Specialist and Value Management Facilitator recognised by the Hong Kong SAR Government. He was appointed as a member of the Built Environment Panel of the Research Assessment Exercise in 2006, and holds a number of external appointments in academic and professional institutions worldwide. His future research plan is to explore the viability of using information and communication technologies to support virtual value management workshops where participants are located in different places and different time zones.

SECRETARY

KAO Vivien F. M. (Mrs)
Senior Executive Officer
Department of Building & Real Estate
The Hong Kong Polytechnic University

CHAIR PROFESSOR

Professor Heng LI
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Teaching areas
Construction Virtual Prototyping, Construction Information Technology, Construction Management, Construction Technology

Research interests
Construction Virtual Prototyping Technology, Construction Management and Innovative Technology

Biography
Prof. Li has established an international reputation in the area of construction management research through developing innovative IT solutions to enhance project delivery processes. He probably holds the highest record of journal papers and citations in his research field. His recent research interest has been developing the construction virtual prototyping technology. Virtual Prototyping or VP technology enables contractors to identify construction problems and explore possible solutions and improvements to the construction plan before the actual work begins. His future research plan is to adapt the business model of IKEA furniture shops that seamlessly integrates design and on-site installation, in order to further reduce the management costs of a construction project. He envisages that VP technology would provide a natural interface to all stages of the project lifecycle, and that the overall efficiency and effectiveness of the Hong Kong construction industry can be improved by the use of this technology.

HEAD AND CHAIR PROFESSOR

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Teaching areas
Value Management in Construction, Construction Project Management, Research and Consultancy Techniques

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Group Dynamics in Collaborative Working, Value Management and Partnering, Construction Information Technology, Sustainable Development

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Prof. Shen is an active researcher in collaborative working in construction, supported by information technology. He has managed a large number of research projects with a total funding over HK$15 million, and has published extensively in both academic and professional journals. He is the President of the Hong Kong Institute of Value Management, and a Certified Value Specialist and Value Management Facilitator recognised by the Hong Kong SAR Government. He was appointed as a member of the Built Environment Panel of the Research Assessment Exercise in 2006, and holds a number of external appointments in academic and professional institutions worldwide. His future research plan is to explore the viability of using information and communication technologies to support virtual value management workshops where participants are located in different places and different time zones.

SECRETARY

KAO Vivien F. M. (Mrs)
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CHAIR PROFESSOR

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Construction Virtual Prototyping, Construction Information Technology, Construction Management, Construction Technology

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Professor Albert Ping Chuen Chan
MSc (Aston), PhD (S Aust), FCBOI, FIBS, FHKCM, FHKIE, MIAIM, MIE Aust, AIQS, MRICS, Hon. FHKIPM, RP(Blg)
Associate Head

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Teaching areas

Research interests
Project Management & Project Success, Project Finance & Public Private Partnerships (PPP), Construction Procurement & Relationship Contracting, Construction Industry Development, Construction Safety

Biography
Prof. Chan is a Chartered Builder, Engineer, Project Manager, and Surveyor by profession. He joined the Department of Building and Real Estate in 1996 and is currently an Associate Head, and Chairperson of the Departmental Teaching and Learning Committee. He has been commissioned by a number of organisations to provide consultancy services in project management and construction economics. He has produced over 400 publications in refereed journal papers, international refereed conference papers, consultancy reports, and other written outputs. He is an Adjunct Professor of the Queensland University of Technology in the University South Australia, and the Bond University in Australia. He is also a Founding Director of the Construction Industry Institute, Hong Kong, which is a joint research institution developed by the industry and the academia.

Professor Edwin Hon Wan Chan
BA(Hons), BArch(Arch), MArch, LL(Bay), PhD(IPR), PhD(DPFR Law), PhD(UC), Barnstar Finals, MBEng, FHKCM, FHKIArb, RIBA, MRICS, (Advisory & Mediator)

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Teaching areas
Construction Law, Construction Contracts, Dispute Management

Research interests
Real Estate Development, Urban Renewal, Green/Healthy Building, Construction Law, Dispute Management, Policy and Regulatory for Built Environment

Biography
Prof. Chan studied Architecture in England and then went to Law at London University and The University of Hong Kong. He obtained his PhD degree from King’s College, London University. He is a Chartered Architect, Chartered Project Manager and also a Barrister. Before joining The Hong Kong Polytechnic University, he had spent 4 years in the construction industry before embarking on further studies. He received a Master of Science degree and a doctorate from University College London, University of London. He joined The Hong Kong Polytechnic as a Lecturer and was promoted to Professor in 2006. As well as undertaking teaching, research and administrative duties, he is also CEO of a PolyU wholly owned subsidiary: SMEware Technologies Limited. In 2001, the company won the largest consultancy job (within PolyU) from the then Hong Kong Examinations Authority (over $30 million) to develop the Basic Competency Assessment (BCA) and the Territory-wide System Assessment (TSA). Over the last 8 years, the total turnover, together with other funding Prof. Mak solicited via the PolyU, exceeded $155 million. His products have received numerous international awards including Silver and Gold Awards from the Geneva Inventions Exhibitions. Prof. Mak is a Certified ITIL IT Service Manager, a registered practitioner of PRINCE2, as well as a Project Management Professional (PMP).

Professor Eddie Chi Man Hui
BSc(Hons), MPH(Cantab), PhD(Cantab), MRICS, MPhil, RIBA, MAPLA, MAPM

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Teaching areas
Land and Construction Economics, Housing Studies, Property and Investment

Research interests
Land and Construction Economics and Finance, Urban and Real Estate Economics

Biography
Prof. Hui is an all-round professional with diverse experience in research and consultancy projects. Before joining PolyU, he was responsible for research and development for a major professional surveying firm in Hong Kong. At The University of Hong Kong, he obtained his BSc (first class honours) with “Chen Kai Ming Prize” and “Building Management Prize”. At the University of Cambridge, UK, he finished his MPhil in Land Economy (first class) with a Commonwealth Scholarship. With another Commonwealth Scholarship, he completed his PhD at the Department of Land Economy, University of Cambridge, UK, where he is a fellow of the Cambridge Commonwealth Trust.

Professor Stephen MAK
BEng, MSc(Eng), PhD, PMP

Title: (852) 2766 5820
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Teaching areas
Research and Consultancy Techniques for Construction and Real Estate (MSc level), Risk Management for Construction and Real Estate (MSc level) and Construction IT (MSc level)

Research interests
Construction Management, Construction Economics, IT and Risk Management and Consulting, Risk Management

Biography
Prof. Mak was born and educated in Hong Kong. He graduated from The Chinese University of Hong Kong in Economics and Finance. He had spent 4 years in the construction industry before embarking on further studies. He received a Master of Science degree and a doctorate from University College London, University of London. He joined The Hong Kong Polytechnic as a Lecturer and was promoted to Professor in 2006. As well as undertaking teaching, research and administrative duties, he is also CEO of a PolyU wholly owned subsidiary: SMEware Technologies Limited. In 2001, the company won the largest consultancy job (within PolyU) from the then Hong Kong Examinations Authority (over $30 million) to develop the Basic Competency Assessment (BCA) and the Territory-wide System Assessment (TSA). Over the last 8 years, the total turnover, together with other funding Prof. Mak solicited via the PolyU, exceeded $155 million. His products have received numerous international awards including Silver and Gold Awards from the Geneva Inventions Exhibitions. Prof. Mak is a Certified ITIL IT Service Manager, a registered practitioner of PRINCE2, as well as a Project Management Professional (PMP).

Professor Liyin SHEN
BSc, PhD, Pgp
Associate Head (until 31 Dec 2008)

Title: (852) 2766 5805
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Teaching areas
Construction Project Management, Construction Management Practice in the Chinese mainland, Strategic Management for Construction

Research interests
Risk Management for Construction and Real Estate, Sustainable Construction, Competitive Strategy for Construction Business

Biography
Prof. Shen obtained his BSc in Mechanical Engineering in Construction at Changning Institute of Architecture and Engineering and his PhD in Engineering Management from Harbin Institute of Technology in China, and a PhD in Construction Management from the University of Reading in the UK. His major research interests are in the areas of Sustainable Development in the Built Environment; Risk Management for Construction and Real Estate; and Competitiveness and Competitive Strategy for Construction Business. He has published widely research works in international journals. He is the Editor for the International Journal of Construction Management. He has been leading the Research Group for Sustainable Development Process within Built Environment. Prof. Shen has a number of external appointments, including President (Founding President) of the Chinese Construction Research Institute of Construction Management, and Director of the Research Centre for Sustainable Construction and Risk Management in Chongqing Jiaotong University.

Professor Francis Kwan Wah WONG
BSc(Hons), MSc, PhD, FCBOI, FHKIE, FHKCM, RPE(Blg), MRICS, MCIWEM, MIM RED

Title: (852) 2766 5821
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Teaching areas
Construction Process Management, Construction Project Management, Housing Studies

Research interests
Construction Safety Management, Affordable Housing Development

Biography
Prof. Wong obtained his BSc (Hons) in Building Degree from the Brighton Polytechnic in the UK. He worked for a building contractor in Hong Kong in 1985 and the Mass Transit Railway Corporation two years afterwards. He joined the Department in 1984. In 1988, he completed the MPhil degree at the University of London, majoring in building economics and management. He completed his PhD degree at the South Bank University in England in 2000 on ‘Construction Safety in Hong Kong’. He is currently the Director of the Research Centre for Construction and Real Estate Economics. In terms of community and professional services, he was the Senior Vice-Chairman of the Chartered Institute of Building (HK Branch) in 1994/95, Chairman of the Specialist Group of the Hong Kong Institution of Engineers (HKIE) in 1999/2000, and Vice-chairman of the Construction Safety and Health Committee of the Occupational Safety and Health Council in Hong Kong from 2001 to 2004. Prof. Wong is currently the Chairman of the Health and Safety Advisory Sub-Group for the CIOD (HK Branch).

Dr Yat Hung CHIANG
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Teaching areas
Construction Economics, Real Estate Finance & Investment

Research interests
Construction Economics, Real Estate Finance & Investment, Strategic Management

Biography
Dr Chiang obtained his BA in Architectural Studies, Bachelor of Building and Master of Business Administration from The University of Hong Kong. He is a member of both the Royal Institution of Chartered Surveyors and the Hong Kong Institute of Surveyors. Before joining the University in 1990, he had been working for the Hong Kong Government for ten years in the field of Quantity Surveying. His current research interests are in property investment in the portfolio context, and competitiveness issues in property and construction.

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Title: (852) 2766 5815
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Teaching areas
Management for Construction and Real Estate, Project Management, Construction Management and Quality Management in Construction

Research interests
Professional Ethics and Social Responsibility in Construction, Strategic Alliance and Project Partnering, Procurement Systems in China, Management for Sustainable Construction Process and Quality-Environmental Systems

Biography
Dr Fan is a Chartered Builder, Chartered Surveyor, and Professional Engineer (building). She joined the Department of Building and Real Estate in 1981 and was Associate Head of the Department between 2002 and 2005, and Associate Dean of the College of Professional and Continuing Education between 2006 and 2007. She obtained BSc (Hons) in Building South Bank Polytechnic, London in 1979, then was awarded MSc in Project Management in 1987, an advanced postgraduate diploma in management consultancy in 1998 and subsequently a doctoral degree in business administration in 2001 from Heriot Management College, UK. She is active in professional institutions and community services. At present, she is appointed as a Member of the Land and Building Advisory Committee for the period from April 2005 to March 2012 and a Member of Appeal Tribunal (Buildings) for the period from 2007 to 2009.
Biography

Dr Lam has had rich professional and academic experiences since graduating from the Hong Kong Polytechnic in the 1980s. On the professional side, he had practised for 10 years in multi-disciplinary construction management system (May 1998 to May 2001). He has also contributed chapters to several leading knowledge management books in construction as well as encyclopedias in knowledge management.

Dr Dukhong Dr Yan

Biography

Dr Tang received his BSc from the London School of Economics and Political Science. He had also studied real estate courses at the Harvard Business School in the University of California at Berkeley.

Teaching areas

Real Estate and Urban Planning, Economics and Business

Research interests

Land Use Planning, Institutions and Institutional Changes

Dr Bruce Yee King Leung

Biography

Dr Leung has been an Associate Professor at the Real Estate Education Department of the Hong Kong Polytechnic University since 1998. He is a Chartered Surveyor by profession.

Teaching areas

Real Estate Economics, Property Management, Urban Planning

Research interests

Real Estate Economics, Property Management, Urban Planning

Dr Selina Sin Yee Tong

Biography

Dr Tang received his BSc in Economics and Sociology from The Chinese University of Hong Kong. His PhD degree in Urban Planning and Development was obtained from the London School of Economics and Political Science (1999-2006). Dr. Sin Yee Tong specializes in social and political aspects of urban and regional planning.

Teaching areas

Economic and Social Aspects of Urban Planning

Research interests

Economic and Social Aspects of Urban Planning

Dr Andy Kam Din WONG

Biography

Dr Andy Kam Din WONG is an Associate Professor at the Real Estate Education Department of The Hong Kong Polytechnic University since 2011. He has been a consultant to the Hong Kong Government for his long and meritorious public services.

Teaching areas

Real Estate Economics, Property Management, Urban Planning

Research interests

Real Estate Economics, Property Management, Urban Planning

Dr Daniel Wai Ming CHAN

Biography

Dr Choy has obtained an BSc in Land Management with First Class Honours (Hons), a Master of Urban Design with Distinction (HKU) and a PhD in Real Estate Economics with Best Dissertation Award (HKU). He was a Visiting Scholar at the Graduate School of Business and a Visiting Assistant Professor at the Law School of the University of Chicago. He worked closely with Ronald Coase, 1991 Nobel Laureate in Economics, during his stay in Chicago. In 2009, he visited the Economics Department of The Washington University in a Fullbright Senior Scholarship. Apart from teaching and research, he has been a consultant to the Hong Kong SAR Government, quasi-government bodies, private companies and professional bodies. Currently, he is an Executive Director of SMILE Technologies Ltd, a wholly owned subsidiary under The Hong Kong Polytechnic University to commercialize applied research outputs. He is also a Chartered Surveyor by profession.
Dr Hongqin FAN
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Teaching areas
Temporary work design, Project Evaluation and Development, Structure II

Research interests
Computerized Project Management, Construction Simulation, Construction Knowledge Discovery through Data Mining, Construction Equipment Management, Computer-Assisted Instruction in Engineering Education

Biography
Dr Fan received his BSc in Hydraulic Structure Engineering from Tianhua University in 1991, MSc in Construction Engineering and Management from the University of British Columbia in 2003, and PhD in Construction Engineering and Management from the University of Alberta in 2007. He has had 10 years of hands-on experience in the construction industry before switching to academia. He worked with the China Harbor Engineering Company from 1991 to 2000, as a project engineer in the project management of Macau International Airport, CHEC between 1993 and 1995, and with All- span Construction Consultants Ltd, Canada in 2000. He was a part-time Instructor at the University of Alberta in 2006/2007, an Assistant Professor of construction technology at Missouri Western State University, Saint Joseph, Missouri, USA in 2007/2008 before joining the Hong Kong Polytechnic University in 2008.

Dr Meng NI
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Teaching areas
Construction Technology and Structure, Building Services

Research interests

Biography
Dr NI received his Bachelor's and Master's degrees in Aero-engine Engineering from Northwestern Polytechnic University (China) in 2000 and 2003 respectively. He entered The University of Hong Kong (HKU) in 2003 and received his PhD in Mechanical Engineering from HKU in 2007. Afterwards, he worked as a Research Associate (September 2007 – January 2008) and a Post-Doctoral Fellow (February 2008 – June 2009) in HKU, before joining The Hong Kong Polytechnic University in July 2009. He serves as a reviewer for nine international journals in the field of renewable and clean energy technologies. He is an organizing committee member of The First International Conference on Applied Energy (ICAEO09), held in January 2009. He received the Young Scientist Award from the Hong Kong Institution of Science in 2007 and was awarded a Diploma for excellent scientific activity in hydrogen energy by the International Association for Hydrogen Energy in the same year.

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Teaching areas
Building Maintenance and Operation, Construction Materials, Building Maintenance for Sustainability

Research interests
Structural and Material Testing (especially Forced Vibration/Modal Testing, Building Diagnostics and Condition Monitoring based on a Host of Non-destructive Testing (NDT) such as Infrared Thermography, Ultrasonics and Electromagnetic (EM) Wave, GFPP (for Strengthening) of Concrete Structures), Harnessing of Solar Energy by Fluid-Filled Double-Glazed Glass Panels in Windows (for Building Sustainability)

Biography
Dr Ho worked for the construction industry in the field of Quantity Surveying before switching to academia. She is a Chartered Quantity Surveyor and Building Engineer by profession. She is a member of both the Chartered Institute of Building and the Australian Institute of Building. She is also a member of the Australia Institute of Quantity Surveyor. She completed her PhD at the University of New South Wales, Australia. Her current research interests are in professional ethics and construction management.

Dr Ann Tit Wan YU
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Teaching areas
Research and Consultancy Techniques, Value Management

Research interests
Requirements Management, Value Management, Project Management, Sustainable Construction

Biography
Dr Yu has a BSc degree in Building from the University of Brighton, UK and a MSc degree in Construction Management from the City University of Hong Kong. She obtained a PhD from the Department of Building and Real Estate at The Hong Kong Polytechnic University in 2007. She started her profession as an Assistant Architect and worked for a number of different professional firms including architectural firms, quantity surveying practice as well as the Hong Kong Housing Authority. Dr Yu was appointed as an Assistant Professor in Value Management and Construction Management by the Department of Building and Real Estate at The Hong Kong Polytechnic University in September 2007. She has published over 30 research papers on the broad theme of project management in leading construction management journals and international conference proceedings.

Dr Tony Kak Keung LO
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Teaching areas
Development Control, Conversion and Adaptation of Buildings, Real Estate Development

Research interests
Building Maintenance and Management, Building Surveying Practice, Architectural Design Attributes, Advanced Technology in Vertical Transportation in Buildings

Biography
Dr Lo is a Chartered Building Surveyor, a Fellow of both the Royal Institution of Chartered Surveyors of the UK (RICS) and Hong Kong Institute of Surveyors (HKIS). He is also a Registered Professional Surveyor (RPS) registered under the Surveyors Registration Ordinance of Hong Kong SAR and a Chartered Project Management Surveyor of the RICS. He is also a Certified Facility Manager of the International Facility Management Association of USA. About five year before joining The Hong Kong Polytechnic University in 1990, he had worked as a Maintenance Surveyor in the Hong Kong Government’s Architectural Services Department in the area of building maintenance. Since 1992, he has been in the assessment panel reviewing trainee surveyors for qualification as Chartered/Professional Building Surveyors. His current research interests are in building maintenance, development control, architectural design attributes and the practice of real estate development in Hong Kong.
Dr Barbara Yuk Ping LEUNG

Ba(Hons), MPW(Cantab), MCIOB, MAIB, ARHIVM

Teaching areas
- Property Finance and Investment, Land and Property Economics
- Research interests
- Housing Economics, Property Investment & Finance

Biography
Dr Leung obtained her BA degree in Finance from the University of Wales and her MPhil degree in Land Economy from the University of Cambridge. She gained her practical experience in financial management from working in a construction engineering company and an international corporation for four years. She received the Award from the UK Institute of Management in 1995 having won the management competition in administering the investment portfolio of a simulated financial institution, and the Outstanding Presentation Award in the XXVI World Congress of the International Association for Housing Science (IAHS) held in Montreal in 2002. She had worked in a number of tertiary institutions in Hong Kong which includes the City University and the Open University before joining the Department of Building and Real Estate of The Hong Kong Polytechnic University in 1999. Her research interests are in housing economics and property investment & finance.

Mr King Fai MAN

BSc, MSc, PhD(KU), BEng, MPA, CPA(Aus), CIPM
Teaching areas
- Property Finance, Professional Practice
- Research interests
- Property Development, Real Estate Investment

Biography
Dr Man obtained his BSc and MSc from The Chinese University of Hong Kong and PhD from The University of Hong Kong. He is a member of both the Royal Institution of Chartered Surveyors and the Hong Kong Institute of Surveyors. He has over 20 years of legal practice, business experience and teaching in the US and Hong Kong. He is an accredited tutor and examination marker for the Chartered Institute of Arbitrators and the Chartered Institute of Arbitrators, Achar. He is also an arbitrator, and a member of both the Royal Institution of Chartered Surveyors and the Hong Kong Institute of Surveyors. He has over 20 years of legal practice, business experience and teaching in the US and Hong Kong.

Mr Stephen David MAU

BA, LLB, JD, NY Bar, USDC - NH, US Cir. Ct. App. (1st)

Teaching areas
- Arbitration, Dispute Resolution, Contract, Tort, Property
- Research interests
- Arbitration, International Trade, Education

Biography
Mr MaU obtained his Master of Laws degree in Transnational Business Practice from the McGeorge School of Law, University of the Pacific, and the Juris Doctor (JD) degree from the University of Connecticut. He has over 20 years of legal practice, business experience and teaching in the US and Hong Kong. He is an accredited tutor and examination marker for the Chartered Institute of Arbitrators and the Chartered Institute of Arbitrators, Achar. He is also an arbitrator, and a member of both the Royal Institution of Chartered Surveyors and the Hong Kong Institute of Surveyors. He has over 20 years of legal practice, business experience and teaching in the US and Hong Kong.

Dr Sandy TANG

M(UCD), PhD, MPhil, MRICS

Teaching areas
- Real Estate Finance, Real Estate Management
- Research interests
- Real Estate Investment, Property Development

Biography
Dr TANG graduated from The Hong Kong Polytechnic University with a Professional Diploma in Quantity Surveying and obtained her Master's degree in Urban Design majoring in real estate development from The University of Hong Kong. After practising in a leading quantity surveying consultancy firm, she worked for different property developers with expertise in the areas of cost management, project management and procurement management. Her project portfolio covers a board range of new developments and alteration works including renowned award-winning projects in recreation and shopping centres, luxury residential developments, grade A office complexes, and hotels in Hong Kong and other cities in China. She returned to The Hong Kong Polytechnic University as a Lecturer in 2006.

Dr Barbara Yuk Ping LEUNG

Ba(Hons), MPW(Cantab), MCIOB, MAIB, ARHIVM

Teaching areas
- Property Finance and Investment, Land and Property Economics
- Research interests
- Housing Economics, Property Investment & Finance

Biography
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Mr King Fai MAN

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- Research interests
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Biography
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Mr King Fai MAN

BSc, MSc, PhD(KU), BEng, MPA, CPA(Aus), CIPM
Teaching areas
- Property Finance, Professional Practice
- Research interests
- Property Development, Real Estate Investment

Biography
Dr Man obtained his BSc and MSc from The Chinese University of Hong Kong and PhD from The University of Hong Kong. He is a member of both the Royal Institution of Chartered Surveyors and the Hong Kong Institute of Surveyors. He has over 20 years of legal practice, business experience and teaching in the US and Hong Kong. He is an accredited tutor and examination marker for the Chartered Institute of Arbitrators and the Chartered Institute of Arbitrators, Achar. He is also an arbitrator, and a member of both the Royal Institution of Chartered Surveyors and the Hong Kong Institute of Surveyors. He has over 20 years of legal practice, business experience and teaching in the US and Hong Kong.

Mr Stephen David MAU

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Dr Sandy TANG

M(UCD), PhD, MPhil, MRICS

Teaching areas
- Real Estate Finance, Real Estate Management
- Research interests
- Real Estate Investment, Property Development

Biography
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Mr Wai Kei KONG
BSc, MConstrMgt, PDo, PEng, MAC
Tel.: (852) 2766 5880
E-mail address: kwokw@polyu.edu.hk

Teaching areas
Construction Technology, Building Services

Research interests
Construction Technology and Productivity

Biography
Mr Kong graduated from the City Polytechnic of Hong Kong (now City University of Hong Kong) and received his Master’s Degree on Construction Management at University of New South Wales in Australia. Mr Kong had practised in the building industry for a number of years before joining the Department of Building and Real Estate. His major teaching areas are in construction technology and building services. From 2005 to 2007, Mr Kong had been a supervisor of a voluntary school-based building safety project in Kwun Tong, designed and supervised by students of the Department and with funding provided by Rotary Club of Kwun Tong.

Mr Paul K. N. KWONG
LLB ( Lond.), MKBEM
Tel.: (852) 2766 6797
E-mail address: bsckwong@polyu.edu.hk

Teaching areas
Property Law, Dispute Resolutions, Legal Context for Construction and Real Estate and Construction Contract Law, etc.

Research interests

Biography
After completing the Postgraduate Certificate in Law at the City University of Hong Kong, Mr Kwong started his practice as a barrister-at-law in the year of 1995 up till now. As regards his practice as a barrister, commercial law, property law and construction law are his favourite. The focus of his practice is on civil dispute, though he also handles criminal matters at times. Other than his legal practice, teaching legal subjects is also his interest. He has been a visiting lecturer of the Department of Building and Real Estate since around 2000. One of his objectives is to make use of his teaching experience to let students know that, the law by itself is a very interesting subject and that learning the law is not as formidable as they might have thought.

Mr Sam T. S. HUNG
BSc, LLB, PgDipArb, MBA, MEng, MCIArb, MCInstCES, MCIQ, MHKCCM, MRICS
Tel.: (852) 2766 7800
E-mail address: bshts@polyu.edu.hk

Teaching areas

Research interests
Construction Technology, Building Services, Dispute Resolutions, Legal Context for Construction and Real Estate

Biography
Sam Hung has many years of contracts administration experience in serving main contractors, property developers and a public authority. He is a member of a number of professional bodies. His current interest is in construction dispute resolution and electronic business in construction.

Mr Stephen C. W. KONG
BSc, MPhil
Tel.: (852) 2766 7800
E-mail address: bscwkong@polyu.edu.hk

Teaching areas
Construction Technology, Project Management, Building Services

Research interests
Construction project administration, contract administration law, construction technology and information technology subjects.

Biography
Stephen has been an active researcher in construction technology and project management. He has published several research papers in refereed academic journals. He is a member of the Australian Institute of Building and Project Management. He has been a Post-doctoral Fellow in Construction Management, and Co-Investigator of various research projects in construction safety, construction management and project procurement. Dr. Lam is currently an Instructor at BPPE. He has also been a Lecturer at the Hong Kong Institute of Vocational Education and a senior lecturer at the University of New South Wales in Sydney. He has been involved in academic field throughout his career. He held posts as Assistant Lecturer in Economics (1992-1995) at the Department of Economics, The University of Colombo, Sri Lanka. He also worked as a Lecturer (1996–1998) and a Senior Lecturer in Economics (2004–2005) at the Open University of Sri Lanka.

Dr Edmond W. M. LAM
BSc, PhD, MABE, MAppM
Tel.: (852) 2766 5877
bselam@inet.polyu.edu.hk

Teaching areas

Research interests
Construction Management, Project Procurement, Determinants of Project Success, Safety and Maintenance Practices

Biography
Dr. W.M. Lam obtained his BSc (Hons) in Construction Economics and Management from the Department of Building and Real Estate (BRE), PolyU in 1999 and was commended as being top of his class. After graduation, Dr. Lam worked in a construction cost consultancy firm in Hong Kong as an Assistant Quantity Surveyor and later further his study at PolU where he obtained his PhD degree in Construction Procurement Management. He has been a Post-doctoral and Project Fellow in Construction Management, and Co-Investigator of various research projects in construction safety, construction management and project procurement. Dr. Lam is currently an Instructor at BPPE. He has also been a Lecturer at the Hong Kong Institute of Vocational Education specializing in building and construction related subjects. He has published several research papers in refereed academic journals and international conference proceedings. Dr. Lam is a Full Member of the Australian Institute of Building and Association for Project Management.

Mr Tony LEUNG
BSc(Land Mgt), PGCert(FM), MA(ArbDR), MEd, TeacherCert, MRICS, MHKIS, JARAB, RFS(GP)
Tel.: (852) 2766 5877
bsleung@polyu.edu.hk

Teaching areas

Research interests
Land Resumption, Urban Renewal, Real Estate Development, Arbitration of Valuation Disputes

Biography
Before joining the PolyU, Tony has over 15 years of professional working experience in surveying field with specialization in land administration, property valuation, land resumption & compensation, facility management and real estate development, in various government departments: Lands Department, Rating & Valuation Department and Housing Department, and international consultancy firms in Hong Kong and overseas. He is also a registered business valuer of the Hong Kong Business Valuation Forum and a registered teacher in Hong Kong.

Dr Mesthrige Jayantha WADU
BA, PG Dip, MA, PhD
Tel.: (852) 2766 5802
bsmjwadu@polyu.edu.hk

Teaching areas
Urban & Construction Economics, Housing Studies, Engineering Economics, Real Estate Development

Research interests
Land and Property, Construction Economics and Urban and Real Estate Economics

Biography
Dr Wadu Mesthrige Jayantha obtained his Bachelor degree in Economics (specializing Econometrics) from the University of Colombo in 1992. He then obtained his Post-graduate Diploma in Economic Development and Masters Degree in Economics from the same university in 1994 and 1996, respectively. He joined The University of Hong Kong (HKU) as a Doctorate student in January 1999 and completed his Ph.D. in Real Estate/Construction Economics from HKU in 2003. Afterwards, Dr. Jayantha worked as a Research Assistant II (December 2003 - November 2004) and a Post-Doctoral Fellow (October 2005 - February 2006) in HKU, before joining the Hong Kong Polytechnic University in February 2008. He has been engaged in academic field throughout his career. He held posts as Assistant Lecturer in Economics (1992-1995) at the Department of Economics, The University of Colombo, Sri Lanka. He also worked as a Lecturer (1996–1998) and a Senior Lecturer in Economics (2004–2005) at the Open University of Sri Lanka.
Dr Tareef Hayat KHAN
PhD, M.Arch, M.A.I., B.Arch, MIAB

Teaching areas

Research interests
Housing Studies, Self-built Houses, Professional Ethics of Architects, Qualitative Research Methodology, Property Management

Biography
Dr. Hayat Khan is a dedicated academician. He is specially trained to conduct architectural design studios and has experience of supervising more than 50 final (B.Arch) year thesis projects of undergraduate students of architecture. He has been regularly invited as adjudicator to many more architectural design studios and has experience of supervising more than 200 project tasks relating to Quantity Surveying in construction. In addition, he has managed various IT research projects such as stock market numerical forecasting, enterprise resource planning system, tax strategy system, game development etc. Recently, he has conducted research on real estate and corporate law, as well as credit and security law in common law jurisdiction. He is interested in applying the legal principles of property, contract, tort and conveyancing into real practice, especially in the context of construction and real estate with his combined background. In near future he will be planning to review a Hong Kong conveyancing and property law book which aims for undergraduate students.

Mr Tat Sing LIT
BSc, MSc, LHR, LLM

Teaching areas
Construction Management

Research interests
Procurement Systems, Project Finance, Public Private Partnerships, Construction Safety, Sustainable development

Biography
Mr. LIT is currently working as a Tutor in Construction Management at the Department of Building and Real Estate, The Hong Kong Polytechnic University. He completed his BSc from the School of Built Environment, Queensland University of Technology, Australia looking at developing a best practice framework for implementing Public Private Partnership (PPP) in Hong Kong. He also studied an MPhil degree looking at the photocatalytic behaviour of recycled products from the Department of Civil Engineering, The Hong Kong Polytechnic University, and a BEng (Hons) degree in Environmental Engineering from The University of Nottingham in England.

Mr Cliff W. S. SIN
BSc (1st Hons) in Quantity Surveying, MSc, MBA, MHKIS, MRICS, RPS(GS 2009-2010)

Teaching areas
Building Economics and Quantity Surveying Practice

Research interests
Application of Fuzzy logic Model in Construction Dispute Resolution

Biography
Mr. Cliff is an experienced Construction Management professional. He has been involved in various projects such as building, construction and engineering. His expertise lies in the areas of construction management, project finance, and real estate development. He has worked on numerous projects in Hong Kong, including major construction sites, and has managed various IT research projects such as stock market numerical forecasting, enterprise resource planning system, tax strategy system, game development etc. He has conducted research on real estate and corporate law, as well as credit and security law in common law jurisdiction. He is interested in applying the legal principles of property, contract, tort and conveyancing into real practice, especially in the context of construction and real estate with his combined background. In near future he will be planning to review a Hong Kong conveyancing and property law book which aims for undergraduate students.

Dr Yongtao TAN
PhD

Teaching areas
Construction technology

Research interests
Contractor’s competitiveness and competitive strategy, Sustainability and greenness, Technology and innovation in construction

Biography
Dr. Yongtao Tan obtained his Bachelor Degree (BEng) in Civil Engineering and Master Degree (MSc in Engineering Management) from Southeast University, Nanjing, China in 1998 and 2003 respectively. And he completed his PhD study in 2009 at the Department of Building and Real Estate, The Hong Kong Polytechnic University. His major research interests are contractor’s competitiveness and competitive strategy, sustainability and greenness, and technology and innovation in construction. He also has three years working experiences in industry, including two years experiences as supervision engineer at the construction site and one year experience of contract management and property management in a real estate company.

Dr Esther CHEUNG
BEng(Hons), MPhil, PhD

Teaching areas
Construction Management

Research interests
Procurement Systems, Project Finance, Public Private Partnerships, Construction Safety, Sustainable development

Biography
Dr. Cheung is currently working as a Tutor in Construction Management at the Department of Building and Real Estate, The Hong Kong Polytechnic University. She completed her PhD from the School of Built Environment, Queensland University of Technology, Australia looking at developing a best practice framework for implementing Public Private Partnership (PPP) in Hong Kong. She also studied an MPhil degree looking at the photocatalytic behaviour of recycled products from the Department of Civil Engineering, The Hong Kong Polytechnic University, and a BEng (Hons) degree in Environmental Engineering from The University of Nottingham in England.

Mr Clifton TAT
BSc(Hons) in Quantity Surveying, MSc, MBA, MHKIS, MRICS, RPS(GS 2009-2010)

Teaching areas
Quantity Surveying Practice

Research interests
Application of Fuzzy logic Model in Construction Dispute Resolution

Biography
Mr Clifton Tat is a Chartered Quantity Surveyor with over 10 years of experience in the construction industry. He has worked on numerous projects in Hong Kong, including major construction sites, and has managed various IT research projects such as stock market numerical forecasting, enterprise resource planning system, tax strategy system, game development etc. He has conducted research on real estate and corporate law, as well as credit and security law in common law jurisdiction. He is interested in applying the legal principles of property, contract, tort and conveyancing into real practice, especially in the context of construction and real estate with his combined background. In near future he will be planning to review a Hong Kong conveyancing and property law book which aims for undergraduate students.

Mr Tat Sing LIT
BSc, MSc, LHR, LLM

Teaching areas
Construction Management

Research interests
Procurement Systems, Project Finance, Public Private Partnerships, Construction Safety, Sustainable development

Biography
Mr. LIT is currently working as a Tutor in Construction Management at the Department of Building and Real Estate, The Hong Kong Polytechnic University. He completed his BSc from the School of Built Environment, Queensland University of Technology, Australia looking at developing a best practice framework for implementing Public Private Partnership (PPP) in Hong Kong. He also studied an MPhil degree looking at the photocatalytic behaviour of recycled products from the Department of Civil Engineering, The Hong Kong Polytechnic University, and a BEng (Hons) degree in Environmental Engineering from The University of Nottingham in England.

Mr Cliff W. S. SIN
BSc (1st Hons) in Quantity Surveying, MSc, MBA, MHKIS, MRICS, RPS(GS 2009-2010)

Teaching areas
Building Economics and Quantity Surveying Practice

Research interests
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Biography
Mr. Cliff is an experienced Construction Management professional. He has been involved in various projects such as building, construction and engineering. His expertise lies in the areas of construction management, project finance, and real estate development. He has worked on numerous projects in Hong Kong, including major construction sites, and has managed various IT research projects such as stock market numerical forecasting, enterprise resource planning system, tax strategy system, game development etc. He has conducted research on real estate and corporate law, as well as credit and security law in common law jurisdiction. He is interested in applying the legal principles of property, contract, tort and conveyancing into real practice, especially in the context of construction and real estate with his combined background. In near future he will be planning to review a Hong Kong conveyancing and property law book which aims for undergraduate students.

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PhD

Teaching areas
Construction technology

Research interests
Contractor’s competitiveness and competitive strategy, Sustainability and greenness, Technology and innovation in construction

Biography
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## Administrative & General Staff

**Senior Executive Officer**
- KAO Kam Fung Man, Vivien (Mrs)

**Assistant Marketing Manager**
- YEUNG Yuen Man, Christine

**Executive Officer**
- WU Yuen Yee, Irene

**Student Placement Officer**
- LAU Pui Ki, Janice

**Assistant Officers**
- WONG Shu Yin, Queenie
- YAP Kam Wah, Connie

**Personal Secretary I**
- HUI Lo Kuen, Clara

**Clerical Officers I**
- LEE Wai Lin, Gracie
- TONG Yim Yee, Maria
- YAN Siu Kum, Carman

**Clerical Officers II**
- AU Yin Ha, Edna
- CHIK Mi Lin, Christine
- TANG Ngan King, Irene

**Office Assistant**
- WONG Chiu Kit

## Technical Staff

**Senior Technician**
- CHAN Iat Keong

**Technical Officer**
- CHEONG Kam Kei

**Technicians**
- LAI Chun Cheung, Kenneth
- LEUNG Wing Man
- LO Chi Shing, Francis

**Assistant Technical Officers**
- CHUI Yat Wai, Ken
- CHUNG Kam Hung, Jack

## Research Personnel

### Full-Time

#### Postdoctoral Fellows
- CHEN Le (Dr)
- FAN Shichao
- GUO Hongling (Dr)
- HUANG Ting (Dr)
- JIANG Shijie (Dr)
- LI Yong (Dr)
- NADEEM Abid (Dr)
- WONG Wing Hei (Dr)
- YEUNG Fai Yip (Dr)

#### Research Associates
- CHAN Hei
- HONG Ju
- LIANG Yong (Dr)
- MA Hongwei (Dr)
- YU Ling

#### Project Associates
- KWOK Sim Chu, Checky
- LIN Gongbo
- TAM Yiu Cheong, Henry

### Part-Time

#### Research Associates
- CHUNG Kin Hung, Jacky
- LOK Ka Leung
- LUO Xiaochun

#### Project Associate
- CAI Weiping

#### Research Assistants
- CHAN Kang Yuen
- CHAN King Chun
- CHEUNG Man Wai
- LAM Terence
- LI Yiyi
- PAN Jingjing
- WU Puyuan

#### Project Assistants
- LAW Chi Kei, Jacky
- YANG Jing

## Staff Movement

### Promotion

- Chair Professor of Construction Management (from Professor)
  - SHEN Qiping, Geoffrey (Prof)
- Chair Professor of Construction Informatics (from Professor)
  - LI Heng (Ir Prof)
- Instructors (from Tutors)
  - HUNG Tak Sum, Sam
  - KONG Chin Wai, Stephen
  - WADU Mesthrige Jayantha (Dr)

## New Staff

- Teaching Fellow
  - KWONG Kin Ning, Paul

- Instructors
  - LAM Wai Ming, Edmond (Dr)
- LEUNG Kai Chuen, Tony

- Tutors
  - CHEUNG Esther (Dr)
  - LIT Tat Sing
  - SIN Wing Sang, Cliff
  - TAN Yongtao

### Departure

- Assistant Professor
  - LU Wei Sheng, Wilson (Dr)

- Lecturer
  - CHAN Shun Tim, Catherine
TEACHING AND LEARNING
Programme List

In the year of 2008/09, the Department offered the following programmes:

**PhD/Mphil programmes**
The Department offered PhD/MPhil in a wide range of areas relevant to the building and real estate field, including but not limited to the following:
- Economics and finance for construction and real estate
- Information technology and construction technology
- Planning, development and housing
- Procurement and regulatory innovations
- Project and construction management

**MSc programmes**
- Master of Science/Postgraduate Diploma in Construction Law and Dispute Resolution
- Master of Science/Postgraduate Diploma in Construction and Real Estate
- Master of Science/Postgraduate Diploma in Project Management
- Master of Science in International Real Estate – Zhejiang

**BSc (Hons) programmes**
- Bachelor of Science (Honours) in Building Engineering and Management (JUPAS Code: 3791)
- Bachelor of Science (Honours) in Property Management (JUPAS Code: 3442) (double degree option available with BA (Hons) in Social Policy and Administration)
- Bachelor of Science (Honours) in Surveying (JUPAS Code: 3789) (double degree option available with BA (Hons) in Design)

**HDip programmes**
- Higher Diploma in Building Technology and Management (Engineering) (JUPAS Code: 3306)
- Higher Diploma in Building Technology and Management (Surveying) (JUPAS Code: 3284)

**Student Exchange Programme**
2008/09 showed a record high of student exchange activities in the Department, with 9 inbound students from Australia, Canada and USA. Among them, four of them were from University of Florida, USA, three from University of Montreal in Canada and the remaining two were from Curtin University in Australia. The Department also registered a record breaking number of 27 outbound students from the department in this academic year, with four of them departed in Semester 1, 22 during Semester 2 and 1 during the Summer Semester. Among those, 12 went to Australia, 1 to Canada, 1 to Germany, 6 to the UK and the remaining 7 joined programs in the USA. This showed clear evidences of PolyU’s and the Department’s commitment to internationalisation.
**Student Exchange Workshop**

– Asian Coalition for Building Science and Construction Engineering Workshop (ACBC Workshop)

Jointly organized by the leading universities, Osaka University, the University of Seoul and the Hong Kong Polytechnic University since 2006, Asian Coalition for Building Science and Construction Engineering Workshop (ACBC Workshop) aims at furthering learning opportunities and international exposure among universities and students in the areas of Building Sciences and Construction Engineering. September was a big day for our academic staff and students of the BSc in Building Engineering and Management Programme since they had knowledge exchange with their friends from Osaka University and the University of Seoul in ACBC Workshop 2009 in Korea. Also, a number of site visits to leading construction companies were part of the Workshop which enabled the students to have a brief picture of the expertise of Korean building construction and management.

**Work-Integrated Education**

Work-Integrated Education (WIE), a compulsory placement scheme, has been a platform for employers in the industry to meet BRE students. This is an important element to groom our students to be preferred graduates.

The Department values its close relationship with the industry. Particularly, WIE’s success largely hinges on long-term unfailing supports from our partners and practitioners in the industry. With gratitude, WIE has received continuous support from industry to provide placement opportunities to our students since the scheme commenced from the 2005/06 cohort.

In the summer of 2008, the Department had 109 students who took WIE. The Department wishes to send our heartfelt gratitude to the following employers for providing learning opportunities for our Surveying and Property Management students.
The following companies/organizations provided WIE placements for BRE students

- Brighspect Limited
- Buildings Department
- CB Richard Ellis Ltd.
- Citybase Property Management Ltd.
- David S.K. Au & Associates Ltd.
- Davis Langdon & Seah Hong Kong Ltd.
- DCL Consultants Limited
- Design Landscape International (HK) Ltd.
- DTZ Debenham Tie Leung Ltd
- Everest Engineering Co. Ltd.
- Franklin & Andrews (HK) Ltd.
- Freevision Architects & Surveyors Limited
- Gammon Construction Limited
- Goodwell Property Management Ltd.
- Government Property Agency
- Henderson Real Estate Agency Limited
- Hong Kong Housing Society
- Hongkong International Terminals Ltd.
- K.Wah Management Services Limited
- KC Surveyors Ltd.
- Knight Frank Petty Limited
- KPK Quantity Surveyors (Hong Kong) Limited
- L.C. Surveyors Ltd.
- Main Gate Agency
- Meinhardt Infrastructure and Environment Limited
- Midland (Holding) Ltd.
- Mott Connell Ltd.
- MTR Corporation
- Multiple Surveyors Limited
- Office of Leung Chun Ying
- Paul Y. Construction Co Ltd.
- Pacific Century Premium Developments Limited
- Proper Trip Surveyors Ltd.
- Rating and Valuation Department
- Raymond Chan Surveyors Ltd.
- Rehabaid Society
- RHL Appraisal Limited
- Rider Levett Bucknall Ltd.
- Shui On Properties Management Limited
- Sunbase International Properties Management Ltd.
- The Hong Kong Jockey Club
- Urban Property Management Limited
- Vigers Building Consultancy Limited
- Vincent Chu Surveyors Ltd.
- Widnell Ltd.
- Woods Bagot Asia Ltd.

* Note: Companies/organization names are arranged in alphabetical order

Some Highlights of experience in Abu Dhabi:

In the summer of 2008, two Surveying students Sin Kai Yin and Chan Wing Yan undertook their placements in KPK Quantity Surveyors (China) Limited - Abu Dhabi Branch in Dubai. They had involvement in measurement work and data bank updates of the projects - 1) Shams Central Park; 2) Hotel and Resort on Plot G of Saadiyat Island.

Other than undertaking practical work, the students gained exposure to the culture and hospitality of UAE and met those migrant professionals from all over the world. The students treasured opportunities to widen their international exposure and reflect on their own future career path.

Mentorship Scheme

The Mentorship Scheme for BRE Students entered its tenth year in 2008/2009. It was the first of such schemes in the Polytechnic University. The BRE Mentorship Scheme was first introduced in 1999 initially for surveying students reading BSc(BS), BSc(CEM) and BSc(RE) and was extended in 2001 for BSc(BEM) students. After the programme restructuring, the scheme is now available to all full time students reading BSc(Surveying), BSc(Property Management) and BSc(Building Engineering and Management).

Mentors are senior professional surveyors, engineers and housing managers. As mentors may opt out due to various reasons (including retirement and overseas posting, etc.), new mentors are continuously being invited to keep the scheme going. At the commencement of the 2008/2009 academic year, active mentors in our registers include 56 Building Surveyors, 44 Quantity Surveyors, 37 General Practice Surveyors, 23 Engineers and 1 Housing Manager. They provide individual mentoring to the students throughout their three years sojourn in the University. Students who have graduated are reportedly still maintaining close ties with their mentors.

The scheme is available to full time students only as part time students already have industrial exposure. The scheme is voluntary. Students are
invited to join the scheme upon enrolment as new students either as freshmen in year 1 or with advance standing in year 2. In the academic year 2008/2009, participating students include 145 seniors, 136 sophomores and 91 freshmen. The Scheme enables students to have early exposure to the industry and to relate what they learn to reality. Through the amicable mentoring relationship, participating students are guided in their career pursuit and are encouraged to develop an aptitude for their chosen profession.

It has now developed into a routine practice that tea receptions are held in the beginning of the semester (normally in October) for students to meet their mentors, and a Grand Reception is held at the end of term (normally in June) as our gesture of appreciation to all the mentors. The 2009 Reception of Mentors was held in The Mira Hong Kong. It was organized and conducted by the graduating students. There was a great turnout and was truly a warm and memorable occasion.

The Scheme is welcomed and supported by the industry as participating professionals are able to nurture the development of new blood and help assure the quality of future professionals. It also provides employers an opportunity to identify prospective new recruits of the desired calibre who may also be more readily adaptable to the working environment immediately upon graduation. The BRE Mentorship Scheme is administered, monitored and maintained by Prof. Barnabas Chung, Mentorship Scheme Co-ordinator, who has extensive network with the industry, and is always on the look-out for more willing mentors.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Country</th>
<th>University Visited</th>
<th>Organizations / Sites Visited</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc (Hons) in Building Engineering and Management</td>
<td>Spain</td>
<td>Universitat Politecnica de Catalunya (UPC)</td>
<td>Fargas Associate Arquitectes (Buildings Visited: Torre Tarragona Banca Catalana Pg. Gràcia Banco Industrial de Bilbao Caja Madrid Pastor Banc Edificio Planeta)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Universidad Politecnica de Valencia (UPV)</td>
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<td></td>
</tr>
<tr>
<td>BSc (Hons) in Property Management</td>
<td>The U.K.</td>
<td>Cambridge University</td>
<td>Chapman Taylor (The Royal Institution of Chartered Surveyors (RICS))</td>
</tr>
<tr>
<td></td>
<td></td>
<td>South Bank University</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSc (Hons) in Surveying</td>
<td>The U.K.</td>
<td>Cambridge University</td>
<td>Cushman &amp; Wakefield (The Pinnacle of Solentance Bachy Group Limited)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>University College London</td>
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<tr>
<td></td>
<td></td>
<td>Kingston University London</td>
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<tr>
<td></td>
<td></td>
<td>France</td>
<td>Cushman &amp; Wakefield (Soletanche Bachy Tunnel (Underground Metro Station))</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Universite Paris-Est Marne-la-Vallee</td>
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<tr>
<td></td>
<td></td>
<td>Institut Universitaire de Technologie</td>
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<tr>
<td></td>
<td></td>
<td>Macau</td>
<td>Rider Levett Bucknall Macau Limited</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The University of Macau</td>
<td>The Praia</td>
</tr>
</tbody>
</table>
The Dean’s Honours List

BACHELOR OF SCIENCE (HONOURS) IN BUILDING ENGINEERING AND MANAGEMENT

AL SH Fattah

BACHELOR OF SCIENCE (HONOURS) IN PROPERTY MANAGEMENT

YANG Nian Chen

BACHELOR OF SCIENCE (HONOURS) IN SURVEYING

FONG Ka Wai

CHENG Ying Fung

Prizes, Scholarships and Bursaries

<table>
<thead>
<tr>
<th>Scholarship Name</th>
<th>Student Name</th>
<th>Programme Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chiap Hua Cheng’s Foundation Scholarship</td>
<td>CHAN Hoi Yan</td>
<td>BSc (Hons) PROPERTY MANAGEMENT</td>
</tr>
<tr>
<td>Davis Langdon &amp; Seah Hong Kong Limited Scholarship</td>
<td>YEUNG Kit Ying</td>
<td>MSc CONSTRUCTION LAW &amp; DISPUTE RESOLUTION</td>
</tr>
<tr>
<td>Davis Langdon &amp; Seah Scholarship for Quantity Surveying Career Development in PRC</td>
<td>FONG Ka Wai</td>
<td>BSc (Hons) SURVEYING</td>
</tr>
<tr>
<td>Department of Building and Real Estate Scholarship for Hall Residents</td>
<td>CHOW Ho Man</td>
<td>BSc (Hons) SURVEYING</td>
</tr>
<tr>
<td>Entry Scholarship for the Postgraduate Scheme in Construction and Land Use</td>
<td>CHIU Wing Cheong Gerald</td>
<td>MSc CONSTRUCTION LAW &amp; REAL ESTATE</td>
</tr>
<tr>
<td>The Hong Kong Polytechnic University Mainland Students Scholarship</td>
<td>FAN Qing</td>
<td>BSc (Hons) BUILDING ENGINEERING &amp; MANAGEMENT</td>
</tr>
<tr>
<td>The Hong Kong Polytechnic University Non-local Students Scholarship (Academic)</td>
<td>DAI Longmei</td>
<td>BSc (Hons) BUILDING ENGINEERING &amp; MANAGEMENT</td>
</tr>
<tr>
<td>The Society of Builders, Hong Kong Scholarship</td>
<td>LEE Yeuk Ying Krystal</td>
<td>HD BUILDING TECHNOLOGY &amp; MANAGEMENT</td>
</tr>
<tr>
<td>Yee Bu Cheong Memorial Scholarship</td>
<td>YUNG Wing Suet</td>
<td>BSc (Hons) SURVEYING</td>
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</table>

Scholarship Name | Student Name | Programme Title |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Hong Kong Institute of Real Estate Administrators Scholarship</td>
<td>KWONG Wai Tsing</td>
<td>BSc (Hons) SURVEYING</td>
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<tr>
<td>MOK Ka Yan</td>
<td>BSc (Hons) SURVEYING</td>
<td></td>
</tr>
<tr>
<td>QIAN Kun</td>
<td>DOCTOR OF PHILOSOPHY</td>
<td></td>
</tr>
<tr>
<td>Hong Kong Institute of Surveyors Scholarship</td>
<td>CHENG Ying Fung</td>
<td>BSc (Hons) PROPERTY MANAGEMENT</td>
</tr>
<tr>
<td>CHEUNG Tin Man</td>
<td>HD BUILDING TECHNOLOGY &amp; MANAGEMENT(SUR)</td>
<td></td>
</tr>
<tr>
<td>KAM Pak Ho</td>
<td>BSc (Hons) SURVEYING</td>
<td></td>
</tr>
<tr>
<td>LAW Wai Tak</td>
<td>BSc (Hons) PROPERTY MANAGEMENT</td>
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<tr>
<td>MOK Yu Sheung</td>
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<tr>
<td>TSE Tsz Chun</td>
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<tr>
<td>Li &amp; Fung Scholarship</td>
<td>CHAN Sze Wan</td>
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<tr>
<td>FONG Yu Lan</td>
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<tr>
<td>TSUI Hing Fan</td>
<td>BSc (Hons) SURVEYING</td>
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<tr>
<td>Professor Rodney Howes Memorial Scholarship</td>
<td>MIN Rui</td>
<td>BSc (Hons) BUILDING ENGINEERING &amp; MANAGEMENT</td>
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<tr>
<td>NICS (Hong Kong) Scholarship</td>
<td>LAW Wai Tak</td>
<td>BSc (Hons) PROPERTY MANAGEMENT</td>
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<tr>
<td>TSUI Hing Fan</td>
<td>BSc (Hons) SURVEYING</td>
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<tr>
<td>WON Tsz Ho William</td>
<td>BSc (Hons) SURVEYING</td>
<td></td>
</tr>
<tr>
<td>Rider Levett Bucknall Book Prize</td>
<td>HO Wing Yan Vبيان</td>
<td>BSc (Hons) SURVEYING</td>
</tr>
<tr>
<td>YUNG Wing Suet</td>
<td>HD BUILDING TECHNOLOGY &amp; MANAGEMENT(SUR)</td>
<td></td>
</tr>
<tr>
<td>Rider Levett Bucknall Scholarship</td>
<td>MOK Ka Yan</td>
<td>BSc (Hons) SURVEYING</td>
</tr>
<tr>
<td>Sonca Products Gold Medal Award</td>
<td>YAM Lok Ping</td>
<td>BSc (Hons) BUILDING ENGINEERING &amp; MANAGEMENT(SUR)</td>
</tr>
<tr>
<td>The Hong Kong Polytechnic University Outstanding Student of the Year</td>
<td>CHAN Wai Kuen</td>
<td>MSc PROJECT MANAGEMENT</td>
</tr>
<tr>
<td>LEE Lai Hing</td>
<td>MSc PROJECT MANAGEMENT</td>
<td></td>
</tr>
<tr>
<td>QIU Junlin</td>
<td>MSc PROJECT MANAGEMENT</td>
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</tr>
<tr>
<td>The Hong Kong Polytechnic University Students Scholarship (Non-Academic)</td>
<td>MOK Ka Chun</td>
<td>HD BUILDING TECHNOLOGY &amp; MANAGEMENT(SUR)</td>
</tr>
<tr>
<td>TONG Tin Yau</td>
<td>BSc (Hons) SURVEYING</td>
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<tr>
<td>TSOI Ching</td>
<td>BSc (Hons) PROPERTY MANAGEMENT</td>
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<tr>
<td>The Hong Kong Polytechnic University Mainland Students Scholarship</td>
<td>FAN Qing</td>
<td>BSc (Hons) BUILDING ENGINEERING &amp; MANAGEMENT</td>
</tr>
<tr>
<td>YANG Nianchen</td>
<td>BSc (Hons) PROPERTY MANAGEMENT</td>
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<tr>
<td>YE Dafu</td>
<td>BSc (Hons) SURVEYING</td>
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<tr>
<td>The Hong Kong Polytechnic University Non-local Students Scholarship (Academic)</td>
<td>DAI Longmei</td>
<td>BSc (Hons) BUILDING ENGINEERING &amp; MANAGEMENT</td>
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<tr>
<td>GAO Yunzhi</td>
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<tr>
<td>LI Chang</td>
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<tr>
<td>WANG Yang</td>
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<tr>
<td>The Society of Builders, Hong Kong Scholarship</td>
<td>LEE Yeuk Ying Krystal</td>
<td>HD BUILDING TECHNOLOGY &amp; MANAGEMENT(SUR)</td>
</tr>
<tr>
<td>YUNG Wing Suet</td>
<td>HD BUILDING TECHNOLOGY &amp; MANAGEMENT(SUR)</td>
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</table>
### List of New Projects

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Principal Investigator</th>
<th>Source of Funding</th>
<th>Year of Award</th>
<th>Grant Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Study of the Influence of Web Stiffening on the Strength and Behaviour of Coped Beams</td>
<td>YAM Chi Ho Michael</td>
<td>RGC General Research Fund</td>
<td>1-Jul-08</td>
<td>HK$355,176</td>
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<tr>
<td>Reformulating Ethical Decision-making Model for Construction Professionals: A Step Forward to Social Responsibility</td>
<td>WONG Chi Ning</td>
<td>RGC General Research Fund</td>
<td>1-Jul-08</td>
<td>HK$360,526</td>
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<tr>
<td>The Use of Stories and Storytelling as Knowledge Sharing Practices in the Construction Industry: Bringing Project / Organisational Experiences to Life for Learning and Development</td>
<td>FONG Sik Wah</td>
<td>RGC General Research Fund</td>
<td>1-Jul-08</td>
<td>HK$340,677</td>
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<tr>
<td>A Study of Hong Kong Building Cycle</td>
<td>MAN King Fai</td>
<td>Block Grant except CRG</td>
<td>21-Nov-08</td>
<td>HK$100,000</td>
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<tr>
<td>Benefit-cost Analysis of Regulatory Controls for Green Buildings</td>
<td>CHAN Hon Wan Edwin</td>
<td>Block Grant except CRG</td>
<td>18-Mar-09</td>
<td>HK$300,000</td>
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<tr>
<td>Evaluation of Property Management Services Performance of Office Buildings in Hong Kong - The Reflection of Management Fees</td>
<td>LO Kak Keung</td>
<td>Block Grant except CRG</td>
<td>27-May-09</td>
<td>HK$50,000</td>
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<tr>
<td>Forward Property Market in Mainland China - Is It a Fair Playing Field?</td>
<td>LEUNG Yuk Ping Barbara</td>
<td>Block Grant except CRG</td>
<td>26-May-09</td>
<td>HK$50,000</td>
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<tr>
<td>Network for New Institutional Urban Studies</td>
<td>CHOY Hung Tat</td>
<td>Block Grant except CRG</td>
<td>11-May-09</td>
<td>HK$200,000</td>
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<td>Scenario-Based Teaching of Law to University Students</td>
<td>MAU Stephen David</td>
<td>Block Grant except CRG</td>
<td>21-May-09</td>
<td>HK$150,000</td>
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<tr>
<td>Caveat Emptor vs Caveat Venditor: Moral Hazard in Hong Kong’s Housing Market in Relation to Regulatory Controls on Floor Area Information Disclosure</td>
<td>CHOY Hung Tat</td>
<td>RGC Direct Allocation</td>
<td>13-Oct-08</td>
<td>HK$200,000</td>
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Projects funded by Central Research Grant

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<tr>
<th>Project Title</th>
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<th>Source of Funding</th>
<th>Year of Award</th>
<th>Grant Amount</th>
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<tr>
<td>Critical Success Factors (CSFs) for Building Maintenance Business: A Hong Kong Case Study</td>
<td>SHEN Liyin</td>
<td>RGC Direct Allocation</td>
<td>20-May-09</td>
<td>HK$150,000</td>
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<tr>
<td>Development of an Overall Performance Index (Pl) for Target Cost Contracts in Construction</td>
<td>CHAN Wai Ming</td>
<td>RGC Direct Allocation</td>
<td>3-Oct-08</td>
<td>HK$173,300</td>
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<tr>
<td>Evaluating Corporate Codes of Ethics: A Review and Its Application in the Hong Kong Construction Industry</td>
<td>HO Man Fong</td>
<td>RGC Direct Allocation</td>
<td>1-Jun-09</td>
<td>HK$150,000</td>
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<tr>
<td>Creating Transactional Spaces for Knowledge Exchange in Sustainability Issues: Case Studies of Hong Kong’s Urban Environment</td>
<td>FONG Sik Wah</td>
<td>RGC Direct Allocation</td>
<td>11-May-09</td>
<td>HK$600,000</td>
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<tr>
<td>An Investigation of Output Specifications for Public-Private Partnership Projects</td>
<td>LAM Tsun Ip</td>
<td>Central Research Grant</td>
<td>3-Oct-08</td>
<td>HK$200,000</td>
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<tr>
<td>Developing a “Pay for Safety Scheme for Subcontractors (PiSSIS)” for Better Safety Performance</td>
<td>CHAN Ping Chuen</td>
<td>Central Research Grant</td>
<td>3-Oct-08</td>
<td>HK$200,000</td>
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<tr>
<td>Developing a Lean Construction Process Based on IKEA Model and Virtual Prototyping</td>
<td>LI Heng</td>
<td>Central Research Grant</td>
<td>12-Sep-08</td>
<td>HK$200,000</td>
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<tr>
<td>Dynamics of Private Housing Market of Hong Kong - A Co-integration Approval</td>
<td>MAN King Fai</td>
<td>Central Research Grant</td>
<td>27-May-09</td>
<td>HK$50,000</td>
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<tr>
<td>Establishing a Knowledge System for Sustainable Urbanization Research (KSSUR)</td>
<td>SHEN Liyin</td>
<td>Central Research Grant</td>
<td>11-May-09</td>
<td>HK$150,000</td>
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<tr>
<td>Housing for the Elderly in Hong Kong - Affordability and Preferences</td>
<td>WONG Kwan Wah</td>
<td>Central Research Grant</td>
<td>30-Sep-08</td>
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Postgraduate Research

Research Graduate Theses

<table>
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<tr>
<th>Author</th>
<th>Title</th>
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<tbody>
<tr>
<td>CHAN, YEE MAN THERESA</td>
<td>The Role of Finance in Competitiveness of Indigenous Contractors in Hong Kong, (2008)</td>
</tr>
<tr>
<td>LEE, KA LEE GRACE</td>
<td>Sustainable Urban Renewal Model for a High Density City - Hong Kong, (2009)</td>
</tr>
<tr>
<td>LEUNG, SZE WING</td>
<td>Using a Real Time Integrated Communication System to Monitor the Progress and Quality of Construction Works, (2009)</td>
</tr>
<tr>
<td>LEUNG, YUK PING BARBARA</td>
<td>Pricing of Presale Properties with Asymmetric Information, (2008)</td>
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### Postgraduate Research Students (FT/PT)

#### PhD (FT)

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Project Title</th>
<th>Supervisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAKHTIAR Kharul Anuar Bin</td>
<td>Application of Procurement Systems in Attaining Sustainable Construction</td>
<td>SHEN Liyin</td>
</tr>
<tr>
<td>CHAN Hin Lun Joseph</td>
<td>Developing a Fuzzy Risk Assessment Model for Target Cost Contracts in the Construction Industry of Hong Kong</td>
<td>CHAN Wai Ming</td>
</tr>
<tr>
<td>CHAN Kang Yuen</td>
<td>An Integrated Model for Construction, Resource and Site Layout Planning in Construction Virtual Prototyping System</td>
<td>LI Heng</td>
</tr>
<tr>
<td>CHAN King Chun</td>
<td>An Integrated Model to Investigate Construction Site Safety by Virtual Human Simulation</td>
<td>LI Heng</td>
</tr>
<tr>
<td>CHAN Tsz Kin</td>
<td>Developing a Practical Management Framework for Enhancing Partnering Performance for Utility Business in Hong Kong</td>
<td>CHAN Ping Chuen</td>
</tr>
<tr>
<td>CHEN Qing</td>
<td>A System Dynamics Model of Toll Adjustment Mechanism for Concession Contract of Infrastructure Projects</td>
<td>SHEN Qiping</td>
</tr>
<tr>
<td>HON Ka Hung</td>
<td>Safety Climate and Its Impacts on Safety Performance of RMMA Works</td>
<td>CHAN Ping Chuen</td>
</tr>
<tr>
<td>JIN Zhigang</td>
<td>Internationalization of Chinese Construction Firms</td>
<td>FAN Hongqin</td>
</tr>
<tr>
<td>LEUNG Ka Lam Judith</td>
<td>The Use of Stories and Storytelling as Knowledge Sharing Practices in the Construction Industry: Bringing Project / Organizational Experiences to Life for Learning and Development</td>
<td>FONG Sik Wah</td>
</tr>
<tr>
<td>LI Jing</td>
<td>Property Cycle in China: The Government's Role</td>
<td>CHIANG Yat Hung</td>
</tr>
<tr>
<td>LO Kam Ming</td>
<td>Capturing, Sharing and Re-using Lessons to Improve Multi-stakeholder Learning in Construction Projects</td>
<td>FONG Sik Wah</td>
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<tr>
<td>LUO Xiaochun</td>
<td>A Case-based Reasoning System for Using Functional Performance Specification in the Briefing of Building Projects</td>
<td>SHEN Qiping</td>
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<tr>
<td>MISNAN Siti Hajar Binti</td>
<td>Sustainable Housing: The Local Authority Neighborhood Management System</td>
<td>CHAN Hon Wan Edwin</td>
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<tr>
<td>OCHOA PANIAGUA Jose Jorge</td>
<td>Production Planning Approach for Implementing Sustainable Building Projects</td>
<td>SHEN Liyin</td>
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<tr>
<td>QIAN Kun</td>
<td>Implementation of a Generic Incentive Scheme for Promoting Building Energy Efficiency (BEE) in Terms of Transaction Cost</td>
<td>CHAN Hon Wan Edwin</td>
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<tr>
<td>SHEN Weilin</td>
<td>A 4D Life Cycle Model for Improving Value Management in Construction</td>
<td>SHEN Qiping</td>
</tr>
<tr>
<td>TANG Liyaning</td>
<td>Effective and Efficient Briefing in Public Private Partnership Projects in the Construction Industry</td>
<td>SHEN Qiping</td>
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<tr>
<td>TAO Li</td>
<td>Housing Settlement of the Migrant Workers in China - A Case Study in Shenzhen</td>
<td>WONG Kwan Wah</td>
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<tr>
<td>WANG Hao</td>
<td>A System Dynamics Model for Sustainable Urban Land Use and Development</td>
<td>SHEN Qiping</td>
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<tr>
<td>WEI Yi gang</td>
<td>Strategy for Real Estate Enterprise Financing and Investment in China</td>
<td>LAM Tsun Ip</td>
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</table>

#### PhD (PT)

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Project Title</th>
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<tbody>
<tr>
<td>QIAO Hi</td>
<td>The Selection of D-B Variants in the PRC Using Delphi Method &amp; Fuzzy Set Theory</td>
<td>CHAN Hon Wan Edwin</td>
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<tr>
<td>XU Pengpeng</td>
<td>Innovative Market System for Energy Saving of Existing Buildings</td>
<td>CHAN Hon Wan Edwin</td>
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<tr>
<td>XU Ying</td>
<td>Space Negotiation and Built Environment in Rural-urban Fringe of Chinese Cities, Evidence from Shanghai</td>
<td>CHAN Hon Wan Edwin</td>
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<tr>
<td>YANG Jing</td>
<td>Stakeholder Management in Construction Projects</td>
<td>SHEN Qiping</td>
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<tr>
<td>YUAN Hongping</td>
<td>Construction and Demolition Waste Reduction Strategies in Hong Kong and Pearl Delta River Region throughout the Construction Supply Chain</td>
<td>SHEN Liyin</td>
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<tr>
<td>ZHANG Xiaoling</td>
<td>A Study to the Competitiveness of Real Estate Development Enterprises in China</td>
<td>SHEN Liyin</td>
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#### MPhil (FT)

<table>
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<tr>
<th>Student Name</th>
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<tbody>
<tr>
<td>HONG Yuming</td>
<td>Implementation of Construction Partnering in the People's Republic of China (PRC): Challenges and Opportunities</td>
<td>CHAN Wai Ming</td>
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<tr>
<td>HU Jie</td>
<td>Study on Sustainable Use of Urban Land - A Case Study of a Target City</td>
<td>SHEN Liyin</td>
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<tr>
<td>LAW On Kay Angel</td>
<td>Integrating Social Responsibility Criteria into Ethical Decision-making Model for Hong Kong Construction Professionals</td>
<td>WONG Chi Ning</td>
</tr>
<tr>
<td>LI Yaye</td>
<td>Building Form Efficiency Potential and Thermal Performance Evaluation Using 3D CAD</td>
<td>LI Heng</td>
</tr>
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</table>
Publication in Refereed Journals

**Author** | **Title**
--- | ---
CHAN, APC, CHAN, DWM, FAN, LCN, LAM, PTI and YEUNG, JFY | “Achieving partnering success through an incentive agreement: lessons learned from an underground railway extension project in Hong Kong”. JOURNAL OF MANAGEMENT IN ENGINEERING, ASCE, Vol. 24, No. 3, pp.128-137 (July 1, 2008)
CHAN, DWM, CHAN, APC, LAM, PTI, LAM, EWM and WONG, JMW | “Evaluating Guaranteed Maximum Price (GMP) and Target Cost Contracting (TCC) Strategies in Hong Kong Construction Industry”. JOURNAL OF FINANCIAL MANAGEMENT OF PROPERTY AND CONSTRUCTION, Vol. 12, No. 3, pp.139-149 (December 2008)
CHEUNG, E, CHAN, APC and KAJEWSKI, S | “Evaluating Guaranteed Maximum Price (GMP) and Target Cost Contracting (TCC) Strategies in Hong Kong Construction Industry”. JOURNAL OF FINANCIAL MANAGEMENT OF PROPERTY AND CONSTRUCTION, Vol. 12, No. 3, pp.139-149 (December 2008)


HUI, ECM “New Opportunities of Property Management under Economic Recession: In Multiple Ownership”. Housing Express, pp.28-29 (May 2009)

HUI, ECM and FUNG, HHK “Real Estate Development as Real Options”. JOURNAL OF CONSTRUCTION MANAGEMENT AND ECONOMICS, Vol. 27, No. 3, pp.219-228 (2009)


LEUNG, S.W., MAK, S.W.K. and LEE, B.L.P. “Using a real-time integrated communication system to monitor the progress and quality of construction works”. Automation in Construction, Vol. 17, No. 6, pp.749-757 (2008)


LI, HENG, LU, WEISHENG and HUANG, TING “Rethinking project management and exploring virtual design and construction as a potential solution”. CONSTRUCTION MANAGEMENT AND ECONOMICS, Vol. 27, No. 4, pp.363-371 (April 2009)


SHEN, LI-YIN, TAM, VIVIAN WING-VAN and LI, CHAO-YANG


SHEN, LY, SONG, SC, HAO, J.L and TAM, WY VIVIAN


SHEN, QP, CHEN, Q, TANG, BS, YEUNG, S and HU, YC


TAN, YT and SHEN, LY


TANG, B.S. and WONG, S.W.


WONG, FRANKY WH, LAM, PATRICK TI and CHAN, EDWIN HW


WONG, JAMES, M.W., CHAN, ALBERT, P.C. and CHIANG, Y.H.


WONG, JMW, CHAN, APC and CHIANG, YH


WONG, JTY and HUI, ECM


WONG, K.D., WONG, K.W. and NADEEM, A.


XIA, B and CHAN, APC


YANG, JING, SHEN, QIPING and HO, MANFONG


YEUNG, JFY, CHAN, APC and CHAN, DWM


YU, ANN T.W. and SHEN, GEOFFREY Q.P.


ZHANG, J., CHAN, E.H.W. and YEUNG, CW


ZHANG, J., CHAN, E.H.W. and YEUNG, CW


ZHAI, ZY, SHEN, LY and ZHUO, J


ZHU, H.T., YAM, MICHAEL C.H., LAM, ANGUS C.C. and LIU, V.P.


ZHAO, ZY, SHEN, LY and YEUNG, CW


ZHANG, J., CHAN, E.H.W. and YEUNG, CW

甘為民，謝日明，潘逸軍 and 梁志強


柯永建，王守清 and 陳煒明


柯永建，王守清 and 陳煒明


溫漢，蔡智大 and 陳煒明

“准環珠澳大橋項目融資模式的設計”。項目管理雜誌，Vol. 12, No. 6, pp.37-39 (December 2008)

張泳沁，陳炳泉


Books, Research Books or Monographs

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
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<tr>
<td>Editor</td>
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<tr>
<td>------------------------</td>
<td>----------------------------------------------------------------------</td>
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<tr>
<td>FAN, L.C.N.</td>
<td>The Hong Kong Institution of Certified Seminar on New Certification Scheme for Hong Kong to Meet New Challenges. Hong Kong Institution of Certified Auditors, Hong Kong, 77pp (2009)</td>
</tr>
<tr>
<td>FAN, L.C.N. and TAM, C.M.</td>
<td>Proceedings of the 6th Annual Seminar on High Quality Buildings in Hong Kong and Macau. Building division, the Hong Kong Institution of Engineers, Hong Kong, 71pp (2009)</td>
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<th>Author</th>
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<tr>
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<tr>
<td>WONG, KD</td>
<td>“Building Information Modelling in Material Take-off in a Hong Kong Project - Chapter 12”. In Geoffrey Shen, Peter Brandon and Andrew Baldwin, eds., Collaborative Information Management for Construction, Taylor &amp; Francis Books Ltd, Hong Kong, pp.186-197 (unknown)</td>
</tr>
<tr>
<td>WONG, KD</td>
<td>“Target Cost Contracting in Hong Kong - Chapter 12”. In Edwin Chan and Edward Yiu, eds., Contractual and Regulatory Innovations in Building and Real Estate, PACE Publishing Ltd, Hong Kong, pp.69-74 (June 2008)</td>
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<tr>
<th>Author</th>
<th>Title</th>
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Consultancy Projects

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<tr>
<th>Customer Name</th>
<th>Description</th>
<th>Project Manager</th>
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<tbody>
<tr>
<td>Black &amp; Veatch Hong Kong Ltd.</td>
<td>Design and Facilitate Value Management Workshop for the Tai Po Water Treatment Works Expansion Investigation Study</td>
<td>SHEN Qi Ping</td>
</tr>
<tr>
<td>Fukien Secondary School</td>
<td>Fukien Secondary School (Kwun Tong) New Extension Scheme Design, Project Management and Quantity Surveying Consultancy Service</td>
<td>WONG Kam Din, Andy</td>
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<tr>
<td>Hong Kong Housing Society</td>
<td>Design and Facilitation of Value Management Studies for Hong Kong Housing Society Elderly Housing Projects</td>
<td>SHEN Qi Ping</td>
</tr>
<tr>
<td>Land Supreme Surveyors Ltd.</td>
<td>North East New Territories New Development Areas Planning and Engineering Study - Investigation</td>
<td>MAN King Fai</td>
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<td>MTR Corporation Limited</td>
<td>Customer Service Survey 2008</td>
<td>HUI Chi Man</td>
</tr>
<tr>
<td>Yau Lee Construction Co. Ltd.</td>
<td>Writing a book &quot;Semi-precast and Prefabrication Construction Technology for Building Construction in Hong Kong&quot;</td>
<td>LI Heng</td>
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Prizes and Awards

<table>
<thead>
<tr>
<th>Title of Prize/Award</th>
<th>Granting Authority</th>
<th>Awardees</th>
<th>Year/Month</th>
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<tbody>
<tr>
<td>Bronze Award</td>
<td>6th China International Invention Exhibition in SuZhou, China</td>
<td>LI HENG, HUANG TING, GUO HONGLING</td>
<td>2008/10</td>
</tr>
<tr>
<td>The Best Paper Award</td>
<td>The Journal of Engineering, Construction and Architectural Management (UK)</td>
<td>WADU.M.J.</td>
<td>2008/07</td>
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</tbody>
</table>

Departmental Seminar / Conference Series

A variety of seminars and conferences were organized / co-organized by the Department in the year. For details, please refer to the website: http://www.bre.polyu.edu.hk/
Chapter 5: Departmental Activities

PolyU Building Named in Honour of former Graduate, Mr. Ng Wing Hong
One of our first building graduates in 1939, Mr. Ng Wing Hong, received the honour of the ST Wing on the campus being named after him for his unwavering support to the University over the past 70 years.

On 19 September 2008, the Naming Ceremony of the “Ng Wing Hong Building” was officiated by Dr. Ng Tat Lun, Deputy Chairman of PolyU Council and Prof. Poon Chung Kwong, President of PolyU. The Naming Ceremony means a lot to the University, especially as the recipient Mr. Ng keeps a very close contact with us and shows his great enthusiasm by his active participation in our activities and through his generous financial contribution to the University. In recognition of his kind care and passion for the University, the ST Wing was officially named in his honour.

The beginning of Mr Ng’s connection to the PolyU was in the very unstable years just before the outbreak of WW2. Instead of study Mr. Ng had no choice but to start his job in the construction industry when he was only 15 years old. His daily work experience taught him the importance of a professional education, therefore, he began his construction studies by enrolling in the Department of Building of the then Government Trade School in 1937. After that, Mr. Ng continued his career in construction work in his company. However, during the early years of his career the whole community encountered several difficult periods, including the Japanese occupation and later on the oil crisis both of which brought Mr. Ng very hard days. Fortunately, from time to time, the Technical College / Polytechnic, both the forerunners of the University, awarded construction projects to Mr. Ng’s company. These were significant stepping stones towards its survival and subsequently enabled it to thrive in the Construction Industry for more than 50 years.

Currently, although retired, Mr Ng is an Honorary Life Director of the PolyU Development Fund, and we treasure his long and varied association with the PolyU as an exemplary alumnus. We are very proud to have him as an excellent role model for the younger generations of our students to follow.

PolyU Education Info Day
One of PolyU’s major campaigns, “PolyU Education Info Day”, was a great success with a flow of 28,000 visitors on 27 September 2008, offering an ideal platform to publicize the programmes to JUPAS applicants. All participating BRE staff and students in the specially-designed departmental T-shirts were very busy mingling with JUPAS applicants and answering their enquiries in the seminars and the exhibition booth. Also, the departmental demonstration and thematic game with prizes were part of the attractions. The departmental team spirit, enthusiasm and effort attracted a significant audience and earned BRE a deserved sense of achievement on this big day.

Building Safety Carnival
Jointly organized by the Buildings Department, the Hong Kong Housing Society and the Urban Renewal Authority, an event named “Building Safety Carnival 2008”, aimed to enhance the public recognition of the importance of building safety and proper maintenance as well as property management of private buildings. This was held in Victoria Park, Causeway Bay on 5 October 2008.

Despite the rainstorm on the event day, the BRE department, as one of the keen supporters for the Carnival, hosted a booth showcasing a number of building safety-related technologies and devices. The demonstration and game raised the public’s awareness of the issues of building safety and management.
Gammon Cheque Handover cum Division Opening Ceremony

Under the leadership of Professor Heng Li, the Construction Virtual Prototyping Laboratory (CVP Lab) of the Department has been enjoying great success. The Lab has been used in over 27 projects and has earned an excellent reputation in Hong Kong and China Mainland since its launch in 2004. Its significant achievements of cost savings and improved process efficiency have gained the attention of local and overseas media and resulted in extensive coverage.

Since 2005, Gammon Construction Limited, one of the leading construction companies in Asia, jointly with the CVP Lab, have been applying the technology to a wide range of large-scale international projects including ‘The Venetian Macao’, ‘One Island East’, commercial buildings, shopping malls and infrastructure construction. In the different phases from planning to construction, the CVP Lab constructs virtual graphical simulations so as to verify and optimize construction operations as well as to achieve cost-saving. The CVP Lab successfully meets Gammon’s needs so as to pursue excellence in the Construction Industry.

A boost was given the CVP Lab on 28 October 2008 when a big cheque of financial support of HK$1.65 Million was received together with the promise of extra support of HK$6 Million over the coming four years. The “PolyU-Gammon Virtual Construction Research Division” was officially launched in the “Gammon Cheque Handover cum Division Opening Ceremony”.

The Division realizes the belief of pursuing a sustained collaboration for strategic benefit and advancement in both areas of research and commerce. This combination of expertise and resources surely addresses the increasingly dynamic challenges in the Construction Industry and fulfills the aspiration of extending the joint efforts globally.

BRE Developmental Forum

A “Developmental Forum” was organized successfully on 8 December 2008 at the Harbour Plaza Metropolis Hotel, and all BRE staff attended. Fruitful discussions were held on teaching issues, academic management, research and professional links. Following an intensive day’s hard work, we had an enjoyable evening at the white marquee.

BRE Christmas Party

The Christmas season is a perfect time for BRE colleagues to gather and to celebrate. BRE held its Christmas Party on 18 December 2008, as a big thank-you for all staff’s endeavours and valuable contributions to the Department. The invited staff included academic, administrative, technical, research staff and our adjunct professors. It was very exciting when the winners of the lucky draw were called. In addition to sampling an array of delicious international cuisine, the celebration brought everyone festive joy and enabled colleagues to relax and get to know each other better.

Marketing in Mainland China

Nowadays increasing numbers of Mainland Chinese students choose to study abroad for further education after the Mainland Joint Entrance Examination (JEE). Renowned for its outstanding and practical programmes, the PolyU is one of the most popular universities among JEE students. To cater for their needs, PolyU holds a number of education exhibitions along with information seminars in major cities of China. In Beijing in February 2009, on behalf of the Faculty, the Department’s staff and student hosted a booth featuring programme details, professional recognitions and sharing in “The 14th China International Education Exhibition Tour” in Beijing. The publicity was also extended to Hangzhou, Changsha, and Xian, among other cities.
Reception of Mentors

This year was very significant to the Department. Since the first launch by the Department, with the purpose of enabling students to have early industrial exposure by individual mentoring, the Mentorship Scheme stepped into the 10th anniversary in the academic year of 2008/2009. The mastermind behind this Scheme is the Mentorship Scheme Co-ordinator, Professor Barnabas Chung who has a close touch with senior professional surveyors, engineers and housing managers in the industry and has been monitoring the Scheme for ten years.

Following the previous success, the big function, ‘Reception of Mentors’ was again held at the ball room in The Mira Hong Kong in mid June 2009. The highlights of this gathering were students’ sharing, performance and vote of thanks for mentors. This year, what’s more, the wonderful moment was a special thank-you together with a tailored gift for Professor Chung in appreciation of his 10-year endeavours and contributions for the Scheme. In this chic yet cozy place, all enjoyed a very delightful and warm evening.

BRE Alumni Quinquennial Reunion Dinner

To those alumni graduated in 1939, 59, 69, 74, 79, 84, 89 and 94, this year meant a lot because all were invited to BRE Alumni Quinquennial Reunion Dinner on 6 May 2009. Following a student musical performance, Prof. Timothy W. Tong, the President and Prof. J. G. Teng, the Dean of the Faculty delivered an address to all participating alumni while Prof. Geoffrey Shen, the Department Head gave an update on the Department’s latest developments. More than just a fabulous dinner, it was a great moment for the alumni to gather, reminisce about their school days and catch up on each other’s news.

Visit of Guangzhou University

Visits and sharing from other universities around the world are significant and very welcome. In mid June 2009, the delegates from the School of Business, Guangzhou University paid a visit to the Department and exchanged with us their stories of teaching and research. Following the meeting with the Department, a souvenir was presented by Prof. J. G. Teng, the Dean of the Faculty to the delegates. This event provided a good start for pursuing future collaborations.

BRE Retreat

The departmental retreat was held on 15th June 2009 in the Clearwater Bay Golf Club. Thorough deliberations were held about our new undergraduate curriculum under the future 3+3+4 academic structure, Learning Outcome Assessment Plan, research and industrial links. A team-building exercise "Magic Six Challenge" was conducted in the afternoon for the academics to have a full stretch of their skills.

Awardees are listed as follows:

Winning Team: Red team comprising of Prof. Geoffrey Shen, Dr Linda Fan, Dr HQ Fan, Ms Catherine Chan, Dr Ni Meng

Team Spirit: Blue team comprising of Prof. Francis Wong, Prof. Eddie Hui, Ms Esther Cheung, Prof. Albert Chan, Dr Edmond Wong and Mr Paul Kwong

Outstanding Golfers: Prof. Geoffrey Shen, Prof. Francis Wong, Ms Catherine Chan, Dr Derek Drew and Dr Lennon Choy

Best-dressed: Dr B.S. Tang

In the relaxing ambience, the academics enjoyed not only a rewarding and beautiful day but also a big hug of nature.
Matching Grant Scheme (MG4)

The total amount of donations along with matching grant for the Department in the Matching Grant Scheme (MG4) was HK$6,343,417.60 between 1 January 2008 and 28 February 2009.

Special thanks to all those alumni and friends who made kind donations to the Department. Their generosity helped make possible the further strengthening of teaching and learning facilities and resources; organizing of on-going activities for students and industrial practitioners as well as providing scholarships for students. The Department continues to pursue the motto 'To learn and to apply, for the benefit of mankind', towards the successful and sustainable development of Hong Kong.

The donors for MG4 are listed as follows:

**Donation of HK$1,000,000 or more**
- NG Wing Hong
- China State Construction Limited

**Donation of HK$100,000 or more**
- MOK Kwok Woo, Peter

**Donation of HK$10,000 or more**
- LUI Isaac
- T. K. Tsui & Associates Limited
- PolyU BS93-94

**Other Donation**
- 1978-HDBTM
- 1988-PDBS
- 1988-PDEM
- 1988-PDQS
- 1993-Land Management
- CHAN Chi Keung, Andrew
- CHAN Ching Man, Janice
- CHAN Cho Chung
- CHAN Shiu Kai, Patrick
- CHAN Wai Ha, Shanfa
- CHAN Woon Keung
- CHAN Yuk Ming
- CHEUNG Po Ming
- CHEUNG Yan Hong
- HO Kwong Ngai, Eric
- HO Yun Kuen, John
- HON Chu Shing
- KAM Siu Chee
- KWOK Kim Sang, Evenlyn
- LAM Hing Wa
- LAM Lai Cheng
- LAW Wing Cheong
- LEE Man Fai, Francis
- LEUNG Yee Tak
- LUK Tat Wai
- MAN Wai Hung
- MOK Kam Kwan
- NG Shuk Yee
- SO Kwok Lam
- TO Kai Yin
- TONG Yuen King
- WONG Bay
- WONG Hok Kan
- YAN Kinn Wai
- YAP Chap Kit

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**Academic Visitors**

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<th>Period</th>
<th>Visitor</th>
<th>University/Organization</th>
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<tbody>
<tr>
<td>August / September 08</td>
<td>Dr Mona N. Shah</td>
<td>National Institute of Construction Management and Research, India</td>
</tr>
<tr>
<td>September 08</td>
<td>Prof. Martin Skitmore</td>
<td>Queensland University of Technology, Australia</td>
</tr>
<tr>
<td>January / February 09</td>
<td>Dr R. Edward Minchin</td>
<td>University of Florida, the United States</td>
</tr>
<tr>
<td>February 09</td>
<td>Prof. John Kelly</td>
<td>Axoss Limited, the UK</td>
</tr>
<tr>
<td>March 09</td>
<td>Prof. Josephson Per-Erik</td>
<td>Chalmers University of Technology, Sweden</td>
</tr>
<tr>
<td>March / April 09</td>
<td>Dr Wei Feng</td>
<td>Chongqing University, China</td>
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<tr>
<td>May / June 09</td>
<td>Prof. Roger Flanagan</td>
<td>University of Reading, the UK</td>
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<tr>
<td>May / June 09</td>
<td>Prof. Abdol R. Chini</td>
<td>University of Florida, the United States</td>
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<tr>
<td>May / June 09</td>
<td>Mr Robert Couchman</td>
<td>SGT International, the UK</td>
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<tr>
<td>May / June 09</td>
<td>Dr Nelson Chan</td>
<td>University of Western Sydney, Australia</td>
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<td>May 09</td>
<td>Prof. Will Hughes</td>
<td>University of Reading, the UK</td>
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<tr>
<td>June 09</td>
<td>Prof. Craig Langston</td>
<td>Bond University, Australia</td>
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