

CURRICULUM VITAE

June 2018

NAME: **Professor Edwin Hon-wan CHAN**
Architect, Surveyor, Engineer and Barrister

Professor, Building & Real Estate Dept, The Hong Kong Polytechnic University

Honorary appointments:

Adjunct Professor, University of South Australia, Australia

Visiting Professor: Sun Yat-sen University, China

Hunan University, China

Universiti Teknologi Malaysia, Malaysia

Honour Professor Suzhou University of Technology, China

Visiting Scholar University of California Berkeley, USA (2014)

University of Cambridge, UK (2014)

Non-Panel Reviewer, Public Policy Research Funding Scheme, HKSAR.

Office Address:

Dept of Building & Real Estate, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong SAR, China.

Email: bsedchan@polyu.edu.hk

BIRTH PLACE: Hong Kong (Male)

EDUCATION

<u>Date</u>	<u>College / University</u>	<u>Qualifications</u>
1981	University of Sheffield, UK.	B.A.(Hons) in Architecture
1983	University of Sheffield, UK.	Postgrad. Diploma (Architecture)
1984	University of Sheffield, UK.	M.A. in Architecture
1988	University of London, UK.	LLB(Hons)
1988-9	Council of Legal Education, UK.	BAR FINALS(Hons)- Trinity 1993
1996	University of Hong Kong	Postgrad. Diploma in the PRC LAW
1998-2002	Kings College, London University, UK	Ph.D., 2002

CAREER HISTORY:

Practised in the industry of Hong Kong and the United Kingdom as an Architect and a Building Surveyor, and earned professional qualifications of Authorized Person (Architect), Chartered Surveyor

and Engineer & Barrister-at-law. During the period 1990-1994 in Hong Kong, served as a part-time lecturer to Hong Kong University and Hong Kong City University.

Joined The Hong Kong Polytechnic University in 1994:

Department of Building & Real Estate,

- Assistant Professor (1994-97),
- Associate Professor (1997-2002 Grade B, 2002-2005 Grade A)
- PhD chief supervisor (2000-) (successful completion over 25 PhDs)
- Full Professor (Since 2005-)
- Associate Head (Research) (2012 - 2017)

TEACHING

Teaching Duties

Postgraduate Courses (since 1994):

PhD chief supervisor: since 2000

PhD student Supervision (see Research: Graduate Student Supervision later)
Numerous nos. of MSc dissertation Supervision (completed)
MSc in Construction and Real Estate (Subject Leader)
MSc in Project Management (Subject Leader)

Programme Leader: MSc Construction Law and Dispute Resolution (since 2004-)

Academic Discipline Leader of Law and Policy (later renamed Urban Sustainability Policy) Discipline (since 2010-)

Subject Leader/ Sharing Lecturer of subjects:

BRE542 Construction Law
BRE545 Dispute Management and Law for International projects
BRE547 Construction Law project
BRE547 Dispute Resolution project
BRE546 Mediation Training
BRE549 Arbitration Law and Practice
BRE524 Urban Planning and Urban Design
BRE336 Development Control Law

Student Feedback Questionnaire (Top 10% scores)

SFQ score (Grand Mean) in the last 2 years is 4.0-4.4 out of 5 which is top 10%

RESEARCH

A. Research

Research area:

Urban renewal and Land-use policy, urban governance, institutional analysis, Regulatory reform and policy of sustainable buildings and urban development, market/incentives mechanism, economic analysis of law (regulations and policies), innovative contracting and dispute resolution strategies.

- **Leader, Urban Land Use group of the PolyU Research Institute of Sustainable Urban Development** (Sustainable urban land use research area)
- **Discipline leader, Urban Sustainability Policy**

Research Group Leader with related projects as PI:

- Development control & heritage conservation for Dense Urban Development
- Urban Renewal and urban land use
- Low carbon cities
- Healthy/Green Building
- Building Energy Efficient Policy and Transaction costs
- Sustainable urban fringe development
- Community housing and institutional framework
- Dispute Resolution Model/ Optimization Program
- Best Practice in International Contracting

- **Coordinator, CIB Task Group 79: Building Regulations and Control in the face of climate change (Since 2011)**. Explore new alternative visions on the role, the system, the formulation, the content, the organization of building regulations and building control because of the changing circumstances of climate change. Joint coordinating with Prof. Henk Visscher, Delft University of Technology, Netherlands.
 - Activities: Guest edited a Special Issue of *Building Research & Information* (BRI, Jan. 2016: Building Governance and Climate Change);
 - Organized a mini-conference as a *parallel session of SBE world conference* in Barcelona Oct. 2014.
 - Organized a mini-conference as a parallel session of SASBE 2015 Conference, 9-11 Dec 2015, Pretoria University, South Africa.
 - Organized a Task group session/workshop as a parallel event of CIB World Building Congress 2016, May Tempere, Finland.

B. Publications or Other Equivalent Output

(SEE LIST OF PUBLICATIONS SINCE JOINING THE POLYU (1995))

Total number of publication:

Since 1995 joining the University, achieved over **400 pieces of Publications** including:

135 Nos.	Articles in SSCI Refereed International Journal
35 Nos.	Chapters in Edited Books
110 Nos.	Refereed Conference Papers
22 Nos.	Keynotes and Invited conference paper
11 Nos.	Authored Books
24 Nos.	Edited Books (editor)
41 Nos.	Articles for Policy or Professional Journals
11 Nos.	Other seminar papers
26 Nos.	High Level Consultancy Reports
18 Nos.	Journal and Series Editorship

(See Full publication list for details or also can visit webpage:
<http://www.bre.polyu.edu.hk/staff/bsedchan/>)

C. Research Postgraduate Students Supervised

Successful PhDs As Chief Supervisor:

<u>My Role</u>	<u>Institution</u>	<u>Degree</u>	<u>Year awarded</u>
1. Chief Supervisor	HK PolyU	PhD	2005 (A. Chan)
2. Chief Supervisor	HK PolyU	PhD	2009 (G. Lee)
3. Chief Supervisor	HK PolyU	PhD	2011(Y. Xu)
4. Chief Supervisor	HK PolyU	PhD	2012 (Q. Qian)
5. Chief Supervisor	HK PolyU	PhD	2012 (P.P. Xu)
6. Chief Supervisor	HK PolyU	PhD	2013 (CY Au)
7. Chief Supervisor	HK PolyU	PhD	2015 (S. Minsan)
8. Chief Supervisor	HK PolyU	PhD	2017 (F. Ni)
9. Chief Supervisor	HK PolyU	PhD	2017 (W. Lang)
10. Chief Supervisor	HK PolyU	PhD	2017 (J. Hou)
11. Chief Supervisor	HK PolyU	PhD	2018 (K. FAN)
12. Chief Supervisor	HK PolyU	PhD	2018 (Y.T. Ma)
13. Chief Supervisor	HK PolyU	PhD	2018 Submitted (A. Wang)
14. Chief Supervisor	HK PolyU/HIT (dual PhD)	PhD	2018 submitted (Y. Sun)
15. Chief Supervisor	HK PolyU/Tongji (dual PhD)	PhD	2018 Expected Oct 2018 (L. SUN)

Successful PhDs As Co-Supervisor:

<u>My Role</u>	<u>Institution</u>	<u>Degree</u>	<u>Year awarded</u>
1. Co-supervisor	HK PolyU	PhD	2007 (FWH Wong)
2. Co-supervisor	HK PolyU	PhD	2007 (A. Yu)
3. Co-supervisor	Remin University, China	PhD	2007 (J. Zhang)
4. Co-Supervisor	HKU	PhD	2014 (S. Liu)
5. Co-Supervisor	HKPolyU	PhD	2014 (Y. Lai)
6. Co-Supervisor	HKPolyU	PhD	2016 (P. Pan)
7. Co-Supervisor	HKPolyU	PhD	2017 (W. Zheng)
8. Co-supervisor	Tongji University, China	PhD	2017 (HM YAN)

Successful Post-doctoral as Chief Supervisor:

<u>My Role</u>	<u>Institution</u>	<u>Post-Doc</u>	<u>Year awarded</u>
1. Ch. supervisor	HK PolyU	PolyU Fellowship	F. Wong 2008/06- 2011/10

2. Ch. supervisor	HK PolyU	PolyU Fellowship	E. YUNG 2009/09- 2011/08
3. Ch. supervisor	HK PolyU	PolyU Fellowship	Q. QIAN 2013/06-2014/01
4. Ch. supervisor	HK PolyU	PolyU RISUD Fellowship	Y. DENG 2013/08- 2015/04
5. Ch. supervisor	HK PolyU	HK Scholar Fellowship	D. AN 2015/02- 2017/02

On-going PhDs and Post-doctoral as Chief Supervisor:

8 Full-time PhD (including 3 Dual PhD, currently returned to their home universities,
and 1 international postgraduate student fellowship)

1 Part-time PhD

1 Post-doctoral

D. Research Grants and Contract research

- Since 1995, secured over 75 research projects of total funding over HK\$50,000,000

SEQ. NO.	PROJECT TITLE	PI/ Co-I	Funding Source(s) and Amount (HK\$)	Start Date	(Expected) Completion Date
ON-GOING PROJECTS:					
Research Grant Council (RGC) CERG/GRF/PPR Competitive Bid Grants and External Competitive Grant Projects					
1.	A Framework for the Analysis of Embodied Carbon and Construction Cost of Heritage Conservation Projects (GRF grant project)	PI	GRF, (PolyU 152006/14E) 0.6 Million	Jan, 2015	June, 2018
Other Competitive Bid Grant Projects					
2.	Integrated Approaches for Point-Line-Plane of Heritage Conservation in Hong Kong: International Experience (DEVB/CHO/1B/105/1/3)	PI	HK Gov. (Dev Bureau) HK\$1.952 million	08-JUL-2018	07-Jul-2020
3.	Joint research project (中国城市规划设计研究院深圳分院 [CAUPD], 聯合研究課題): Opportunities and Challenges for Hong Kong in the Greater Bay Area development initiatives (粵港澳大灣區的視角下香港發展機會與挑戰研究)	Co-PI with CAUPAD	China Academy of Urban Planning and Design (CAUPD): HK\$0.3 million	15 March 2018	14 March 2020
4.	Flagship-Led Urban Renewal: A Catalyst for Change	PI	Block Grant 0.35 Million	01-FEB-2016	30-Jan-2019
5.	Exploratory Study on the Relationship between Railway Station Neighborhood Development and Urban Quality of Life	PI	Central Research Grant 0.155 Million	01-Jan 2018	31-DEC-2019
6.	Redistribution of Social Resources Resulting from Privately-funded Urban Renewal Projects - A Comparison among Singapore, Hong Kong and Taiwan	PI	RISUD: HK\$0.190 million	Sept-2017	Oct-2018
7.	A GIS-based Framework for improving Optimal Decision Making in Urban Renewal Projects Planning	PI	Mainland U. Joint Supervision HK\$0.18 million	25-MAY-2017	25-MAY-2018
8.	Urban Big Data Analytics for Spatiotemporal Human Activity Modeling and Prediction (Collaborative Research Program with Beijing Municipal Government and BUT) Co-PI with Prof. J. Shi	Co-PI	University Earnings: HK\$1 million	Sept 2016	Sept 2019
			Subtotal:		
COMPLETED PROJECTS:					
Research Grant Council (RGC) CERG Competitive Bids Projects					

1.	Study of Density and Community Facilities for Neighborhood Planning: Part of a Larger Research Project on Re-defining the Density of City (joint research with MIT, USA)	PI	RISUD Block Grant 0.38 Million	25-SEP-2014	23 Apr 2018
2.	An investigation of the Impact of Natural Sounds on the Acceptability of Acoustic Environment within Residences (GRF: PolyU 5121/13E)	Co-I	GRF 0.525 Million	Jan 2014	June 2017
3.	Development of Building Design and Planning Guidelines for Reducing Noise Annoyance and Restoring Stress (GRF grant project B-Q31S)	Co-I	GRF 0.70 million PolyU 5121/12E	1 Jan 2013	Dec 2016
4.	Social Considerations in Planning Public Open Space to Integrate Elderly People in Urban Renewal (GRF grant project B-Q31Q)	PI	GRF, 0.998 million (PolyU 5405/12H)	Jan. 2013	June 2016
5.	Public Open Space Regenerative design Integrating the Consideration of Elderly People	PI	HK Scholar scheme 0.315 Million	Feb 2015	Feb 2017
6.	Indicators in the Construction Industry for Enhancing Low Carbon Emissions in the Development of a Compact City (5-ZJF5)	PI	CII-HK Ltd 0.30 million	28 Sept 2012	25 March 2016
7.	Costs and benefits analysis on the thermal effect of the Green Deck to the surrounding outdoor environment	PI	RISUD/PolyU 0.18 million	July 2015	March 2016
8.	Collaborative Research for Sustainable Urban Renewal for Dense City	PI	RISUD Block Grant 0.75 Million	28-SEP-2013	Dec 2015
9.	Evaluation Framework on the Performance of Urban Regeneration in China's Metropolises: Cases from Hong Kong and Shanghai	PI	Central Research Grant 0.168 Million	April 2014	Oct 2015
10.	An Investigation into Energy Performance Contracting for Enhancing Its Role in Energy Conservation in Hong Kong (GRF grant project B-Q27L)	Co-I	GRF 0.807 Million PolyU 5188/11E	01-JAN-2012	June 2015
11.	An investigation of the Impact of Natural Sounds on the Acceptability of Acoustic Environment within Residences (GRF: PolyU 5121/13E)	Co-I	GRF 0.525 Million	Jan 2014	June 2017
12.	Development of Building Design and Planning Guidelines for Reducing Noise Annoyance and Restoring Stress (GRF grant project B-Q31S)	Co-I	GRF 0.70 million PolyU 5121/12E	1 Jan 2013	Dec 2016
13.	Sustainable Planning Criteria (SPC) for Age-friendly Precincts (AFP) in the New Development Areas (NDAs) of Hong Kong (PPR grant)	PI	PPR, Central Policy Unit 0.524 million	Jan 2014	April 2015
14.	Framework for Implementing the Transfer Development Rights in the Conservation of Privately Owned Built Heritage (PPR grant project K-Q217)	PI	PPR 0.365 million PolyU5002-PPR 12)	1 Oct 2012	30 Nov 2014
15.	Social considerations on conservation of built Heritage for Sustainability Urban Renewal (GRF grant project B-Q27P)	PI	GRF, 0.540 million (PolyU 5407/11H)	1 Jan 2012	June 2014
16.	Benefit-cost Analysis of Regulatory Controls for Green Buildings	PI	Block Grant except CRG 0.425 million	SEP 2009	29-Jun-2014
17.	Optimization Program for the Selection of Dispute Resolution Mechanisms to Resolve International Construction Disputes (B-Q663)	PI	CERG \$0.405 million	Jan 2004	Dec 2007
18.	Balancing Provision of Public and Private	Co-I	CERG	Dec	Dec

	Space in High-density Housing Development: Theory and Empirical Testing for Hong Kong (B-Q01B)		0.216 Million	2006	2008
19.	"Benchmarking Buildability by Implementing the Buildability Assessment Model in Hong Kong"	Co-I	CERG \$0.440 Million	DEC 2004	DEC-20 06
20.	"Facilitation or Constraint: Deciphering Land-use Development Control Decisions in Hong Kong", Funding	Co-I	CERG \$0.455 Million	Dec. 2001	Nov 2004
21.	A Model for Buildability Assessment in Hong Kong	Co-I	CERG \$.0415 million	Dec, 2002	Dec, 2004
22.	Public Housing Construction as Agent of Technology Growth: Case of the Building Industry in Hong Kong	Co-I	CERG \$0.413 Million	Feb 2003	Jan 2005
23.	"Investigating Contractor's Optimal Competition Strategy for Competing for Public Works in Hong Kong",	Co-I	CERG \$0.402 Million	DEC 2003	NOV-20 05
24.	"Facilities Management Benchmarking for Major Corporations in the Asia Pacific Regions" (CERG Joint project with HKU: Funding transferred half-way)	PI (PolyU)	CERG \$0.462 Million	Nov 1998	Dec. 1999
			Subtotal:		
	Completed External Research Grant Projects:				
1.	Cost-benefit-analysis (CBA) for Implementing Green Buildings (GB) Promotion Incentives: With Transaction Costs (TCs) Considerations	PI	Construction Industry Council (CIC), 1.2 Million	July 2014	June 2017
2.	Green Building System Designs for the New Dormitory at Gaoming	PI	Esquel Textiles, China 0.38 million	05-APR -2012	30 Aug 2015
3.	Reform of Development Approval Process for Sustainable Development	PI	Bauhinia Foundation Research Centre 0.86 Million	Nov 2010	Dec 2011
4.	The Impact of One-Hour Living Radius on Housing Demand in Hong Kong	Co-I	HKSAR 0.60 million	Feb 2010	Sept 2011
5.	Collaborative Study of Building Defects: Problems, Solutions and Good Practice	PI	E-man Construction 0.200 million	April 2006	March 2008
6.	Solutions Implementation of Healthy Buildings in Hong Kong	PI	Fund from the CII-HK. \$0.92 million	Oct. 2003	Aug. 2005
7.	Construction Safety Involving Working at Height for Residential Building Repair and Maintenance	Co-I	Fund from the CII-HK \$0.600 Million	JAN 2005	June 2006
8.	Repair, Maintenance and Sustainability of the Aging Residential Building Stock in Hong Kong	Co-I	Fund from the CII-HK \$1.300 Million	JAN 2005	June 2006
9.	Collaborative Research on Construction Legislation and Publication	PI	HK Institute of Construction Managers w/ top up from PolyU \$0.300 million	April 2000	Oct. 2002
			Subtotal:		
	Completed CERG/GRF/PPR Fundable not funded				

1.	Exploratory Study for Innovative Railway Station Area Development as the Catalyst of Culture-led Urban Renewal	PI	Block Grant (GRF Project Rated 3.5) 0.155 Million	29-APR-2016	29-APR-2018
2.	An Exploratory Study of Embodied Carbon and Construction Cost of Heritage Conservation Projects (Fundable PolyU 5110/13E)	PI	Block Grant (GRF Project Rated 3.5) 0.155 Million,	June 2014	June 2015
3.	Exploratory Study on the Critical Design Considerations Factors for Healthy Aging in Urban Renewal (Fundable PPR project: PolyU5002-PPR-11)	PI	Central Research Grant 0.150 million	Mar-2012	Dec-2014
4.	A Strategic Framework to Incorporate Public Participation in the Sustainable Conservation of Built Heritage for a Harmonious Hong Kong (Fundable PPR project: PolyU5003-PPR-10)	PI	Block Grant (GRF Project Rated 3.5) 0.130 million	Aug-2011	30-july 2013
5.	Public Space and Building Density of Private Mass Housing Development in Hong Kong (G-U078)	PI	Central Research Grant \$0.160 Million	March 2005	June 2008
6.	Decision Model for Dispute Management of International Construction Projects	PI	Central Research Grant \$0.20 million	Jan 2003	June 2004
7.	"Construction Industry Development through Technological Advancement of Building Sub-Contractors - The Case of Hong Kong"	Co-I	Central Research Grant \$0.200 Million	June 2002	May 2005
8.	"Developing a Multiple-objectives Competitiveness Model (MOCM) for Measuring Contractor's Total Competitiveness"	Co-I	Central Research Grant \$0.200 Millio	March 2003	April 2005
9.	Analyzing Planning Control Decisions on Industrial Property Redevelopment in HK	Co-I	Central Research Grant \$0.170 Million	Jan 2004	Dec 2005
10.	"Hong Kong in Asian Construction System: An Intra-Regional and Inter-Sectoral Dependence Analysis"	Co-I	Central Research Grant \$0.17 million	June 2004	June 2006
11.	"Re-engineering Construction Financing: A Case Study of the Construction Industry in Hong Kong SAR of its Market Structure, Performance and Behaviour",	Co-I	Central Research Grant \$0.240 Million	DEC-1999	Dec. 2002
12.	"Comparative Study of the Legal Control on Project Development Process in China and Hong Kong"	Co-I	Central Research Grant \$0.207 Million	Oct 1999	Oct. 2001
13.	"Costing Regulatory Compliance in the Hong Kong Construction Industry"	Co-I	Central Research Grant \$0.200 Million	Feb 2002	Terminated (PI left)
			Subtotal:		
	Completed RGC Direct Allocation Grant				
1.	Comparative Study of Transit-Oriented Development and Urban Renewal in Dense Cities	PI	RISUD Block Grant 0.2 Million	24 Feb 2015	30 Nov 2017
2.	A Framework for Developing Incentive Schemes to Promote the Green Building (GB) Market in Hong Kong: A Transaction Costs (TCs) Approach	PI	Central Research Grant 0.32 million	28-SEP-2012	28-SEP-2015
3.	Implementing a Typical Incentive Scheme (TIS) for Promoting the Building Energy Efficiency (BEE) Market in Hong Kong: A Transaction Cost Perspective	PI	Block Grant except CRG 0.289 million	15-JUN-2012	15-JUN-2015
4.	A framework for Stakeholder Engagement to formulate the proposed Green Deck Project at	PI	Polyu/RISUD 0.2 million	Jan 2014	Sept 2015

	Cross Harbour Tunnel (CHT)				
5.	Assistive Technique to Elicit Public's Preference on the Adaptive Reuse of Built Heritage	PI	Central Research Grant 0.738 million	Oct 2009	30-Jun-2012
6.	An Empirical Analysis of the Impacts of CEPA on the Hong Kong Construction Professional Practice and Regulatory Controls	PI	Block Grant except CRG 0.200 Million	Feb 2009	31-JAN-2011
7.	A Model for Evaluating Environmental Legislative Impacts on Property Developments	PI	Block Grant except CRG 0.738 million	Aug 2008	31-JUL-2011
8.	Objective System for Developing Policy on Conservation of Built Heritage (Cross-dept'l research: G-YG64)	PI	Central Research Grant \$0.25 million	Sept 2008	May 2011
9.	Requirements Management during the Development Process of Construction Projects	Co-I	Central Research Grant \$0.1 million	01-NOV-2008	Feb 2011
10.	A Framework for Developing and Managing Employer Requirements in Design and Build Contracts of the Construction Industry	Co-P I	Block Grant except CRG \$0.10 million	June 2007	Feb 2011
11.	Research of Low-carbon Industry Development in Shanghai Based on Carbon Productivity	PI	Central Research Grant \$0.3 million	June 2010	22-NOV-2010
12.	A Framework for the Sustainable Adoption of Green Specifications in the Hong Kong Construction Industry (G-YF07)	Co-P I	Central Research Grant (0.30 million)	March 2006	June 2009
13.	Framework for Green Building Specification	Co-I	Central Allocation 0.300 million	Oct 2006	Sept 2008
14.	Best Practice in Contracting Systems for International Construction Projects in Mainland China	PI	Internal Competitive Research Grant \$0.234 Million	SEP 2004	Sept 2006
15.	Professionalism and Leadership Styles Among Building Professionals (Chief Supervisor of a PhD study)	PI	RGC Direct Allocation Grant \$0.055 million	Oct 1997	April 2005
16.	Contract Policy Governing Design Management of Design and Build Projects (As PI)	PI	RGC Direct Allocation \$0.240 million	June 2001	June 2003
17.	Integrated on-line 'AEC' extranet system for the construction professional practice (Cross-dept'l research)	PI	RGC Direct Allocation Grant \$0.28 million	Sept 2003	Aug 2005
18.	Evaluation of the Building Laws for Sustainable Dense Development in Hong Kong	PI	RGC Direct Allocation \$0.160 million	June 1999	June 2001
19.	Revamp of Building Regulation for Dense Urban Development	PI	Central Research Grant \$0.040 million	Jan 1999	June 2000
20.	The Future Development of Building Surveying Profession in Hong Kong SAR in the Context of its Professional Role in the PRC Building Industry	PI	Central Research Grant \$ 0.05 million	June 1997	Nov. 1998
21.	Professional Practice for Architects & Surveyors practicing as an Authorized Person in Hong Kong	PI	Central Research Grant \$0.200 million	July 1995	Dec. 1997
22.	Developing Mechanism for Analyzing the Impacts of China's WTO Entry to the Development of Construction and Real Estate in China Mainland and Hong Kong	Co-I	RGC Direct Allocation \$0.200 Million	June 2002	Sept 2003
23.	An Analysis of Project Partnering in Hong	Co-I	RGC Direct	May	April

	Kong		Allocation \$0.180 million	2000	2002
24.	Housing Bank in Mainland China	Co-I	RGC Direct Allocation \$0.200 million	Feb 2002	Feb 2005
			Subtotal:		
	Completed Large Equipment Grant:				
1.	"Student-centric teaching/learning: Multi-media Communication Centre (MMCC)" (Completed: The MMCC centre for the BRE Dept was set up/ operation since Sept.2002)	Co-I	PolyU Large Equipment Grant \$0.600 million	Sept 2001	Sept 2002
	Completed Others				
1.	"International Comparative Case Studies on Post-construction Liability and Dispute Resolution" by the International Council for Building Research Studies and Documentation (CIB) Working Commission W87. (Completed: a 3-parts book chapter in the CIB book publication)	PI	Joint Project of the CIB W87: (Project Coordinator for HK)	1997	April 1999
	Others as Co-I				
1.	Developing an Integrated Collaborative Platform for Sustainable Urban Renewal: A Pilot Study (4-ZZC7)	Co-I	Dept earning 0.60 million	01-SEP -2012	Sept 2015
2.	An Investigation into the Applicability of Clean Development Mechanism to the Hong Kong Building Sector	Co-I	Central Research Grant 0.225 Million	02-JUL -2011	Jul 2013
3.	Network for New Institutional Urban Studies	Co-I	Block Grant except CRG 0.60 million	01-MAY -2009	Nov 2012
	Completed: Learning and Teaching Dev. Project				
1.	Participatory Case Study approach with On-line resources for Teaching/Learning of legal subjects on construction practice (2005-08/LTG/SS/BRE2)	PI	LTC Funding \$0.1 million	1 Sep 2006	30 Jun 2008
			Subtotal:		

D. HONORS/AWARDS:

- 2016 The Guangdong Best Planning Project Award (Third Prize 2015)
Zeng Cui An Community Planning by Sun Yat-sun University (PI: Prof. Li
Xun) , Xiamen University (PI: Prof Man) and HK PolyU (PI: Edwin Chan)
廣東省城市規劃協會2015年度：廣東省優秀城鄉規劃設計項目三等獎
- 2015 Best paper Award, REHAB 2015 Int'l Conf., Porto Portugal.
- 2014 Appointed Green Building Faculty Member by the HK Green Building
Council
- 2013 Dean's Award for Outstanding Achievement in Research Funding
- 2013 BRE Dept Award for Outstanding Achievement in Research Funding
- 2009/2012/13 Departmental Overall Highest Performer to receive bonus award
- 2012 Awarded the Highly Commented Paper in the 2012 Award for Excellence
by Emerald Pub: for paper in Facilities Management, 9(4)
- 2011 Awarded the 2011 Best Paper Award (Research Category) of the HKIA
Journal, by the Hong Kong Institute of Architects
- 2011 Awarded the Highly Commented Paper in the 2012 Award for Excellence
by Emerald Pub: for paper in Facilities, 28(11/12)
- 2011 One of the awardees of the Departmental Outstanding Programme Team
Award for MSc Degree, (teaching) Oct 2011
- 2009 & 2008 Multi-departmental Participation Award, (member of the PPRI team),
Outstanding Professional Services and Innovation Award 2007 and 2008
- 2007 HKIA Award for Architectural Research 2007: Quality of Life for Public
Housing with Emphasis on Health and Safety Issues (A team involving
HKU, CUHK and PolyU)
- 2003 A member of the Faculty Award for Outstanding Performance, Team Award
(teaching) Oct 2003
- 2002 Outstanding Professional Services and Innovation Award 2002, the HK
PolyU Highest Consultancy Growth Award

SERVICE AND OTHER RELATED ACTIVITIES

A. PROFESSIONAL QUALIFICATIONS

<u>Dates</u>	<u>Institutes / Affiliation</u>
11/1985	Reg. Architect @ Architects Registration Council of the UK.
12/1987	Member of the Honourable Society of the Inner Temple, UK (Called to Bar as Barrister-at-Law in July 1993)
5/1992	Member, Hong Kong Institute of Architects
9/1994	Member, Association of Building Engineers, UK
2/1995	Authorized Person (Architect) under the HK Buildings Ordinance
11/1999	Member of Bar Association, Hong Kong. (Call to Bar as Barrister of the Hong Kong Supreme Court, 1993)
5/2000	Fellow of Hong Kong Institute of Facility Management
1/2000	Corporate Member, Chartered Inst. of Arbitrators (Associate in 1994)
12/2002	Fellow, Hong Kong Institute of Arbitrators (Assoc Member in 1997)
9/2004	Fellow, Hong Kong Institute of Construction Managers (Member 2001)

11/2004	Corporate Member, Royal Institute of Chartered Surveyors
8/2005	PRC First Class National Registered Architect qualification
2004	HK International Arbitration Centre list Arbitrator
2005	HK International Arbitration Centre Accredited Mediator
2014	BEAM Pro., HK Green Building Council
2014	Chartered Building Engineer, Chartered Assoc. of Build Engineers

B. SERVICES TO PROFESSIONAL COMMUNITY

University Services

Specialist appointment to HK PolyU

- Member Capital Project Steering Sub-committee, HK PolyU (2003-)
- Member Mediation Support Group, HK PolyU (2012-)
- Member Task Group, of Green Deck Project, PolyU (2012-)
- Member Steering Committee of Homantin Slope development (2014-)
- Member Steering Committee of the Innovation Tower project (2012- 2014)
- Member Board of School of Design (2011- 2013)
- Member Working Group on Articulation Degree Prog & Sen. Years (2011-13)
- Member Research Committee (2011- 2017)
- Warden ChengDe Hall, PolyU Student Halls of Residences (2006-2014)
- Member Senate (elected Rep of BRE Dept, 2014- 2016)

Committees served at the department, faculty/school

- Departmental Management:
Associate Head (Research) 2012-2017
- Postgraduate Programme Management:
MSc / PgD in Construction Law & Dispute (Award Coordinator)
- Academic Discipline Leaders:
Urban Sustainability Policy
- Departmental Committee Chairs:
Dept. Research Committee Chairman (2007-10; 2012- 2017)
- Laboratory Management
Sustainable City Laboratory Management Committee Chairman
(2014-2017)
- Faculty Committee:
Faculty Research Committee member and Working Group member
(2007-10; 2012- 2017);
Faculty Research Committee member (2017-)
- PolyU Research Institute of Sustainable Development:
Leader of Lab of Sustainable Land use (since 2014)

Professional Institutes

Council Member	Hong Kong Institute of Architects (2003-11)
Hon Treasurer	Hong Kong Institute of Architects (2004-06)
Chairman	Registration Committee, HK Architects Registration Board (2006-7)
Chairman	Board of Local Affairs, Hong Kong Institute of Architects (2009-11)
Chairman	Contract and Dispute Resolution Committee (2004-2009; As a Member: on-going)
Hon Secretary	Hong Kong Institute of Arbitrators (2006-8)
Hon Secretary	Professional Green Building Council (2005-2007)
Co-chairman	HKIA/HKIS Joint Dispute Resolution Committee (2005-2009)
Member	HKIA Legal and Finance Committee (2006- 2015)

Member	HKIAC Construction Mediation Interest Group
Member	Professional Green Building Council (2005- 2017)
Member	Green Building Faculty, HK Green Building Council (2014-)
Senior Advisor	Campus Development, Cognitio College (2012-)

Government Board/Committee

Indep. Manager	Incorp. Management Committee, Cognitio College HK (2015-19)
Member	Hong Kong Housing Authority (2012- 2018)
Member	Building Committee & Subsidized Housing Committee, HK Housing Authority (2006- 2018)
Member	Supporting Service Development Comm and Capital Works Sub-committee, Hospital Authority (2011-)
Member	Main Tender Board, Hospital Authority (2016-)
Deputy Chairman	Home Purchase Allowance Appeals Committee Panel, HKSAR(2010-17)
Specialist	HK Council for Accreditation of Academic & Vocational Qualifications (2009-)
Member	Buildings Appeal Tribunal (2004-2012)
Member	Vocational Training Council (Build & Civil Eng Board) (2011-15)
Member	Town Planning Board, HKSAR (2007-2014)
Member	Policy & Research Comm., HK Green Building Council (2015-2017)

LIST OF PUBLICATIONS SINCE JOINING THE POLYU (FROM 1995)

Publication in refereed Journal

- 1) FAN, Ke, **CHAN, E.H.W.** & Qian, Q.K. (2018) "Transaction costs (TCs) in green building (GB) incentive schemes: Gross Floor Area (GFA) Concession Scheme in Hong Kong". *Energy Policy*, Vol. 119, pp.563-573 (Aug 2018) (<https://linkinghub.elsevier.com/retrieve/pii/S0301421518302696>)
- 2) HOU, Jun, **CHAN, E.H.W.** & Li, L. H. (2018) "Transfer of development rights as an institutional innovation to address issues of property rights". *Journal of Housing and the Built Environment*, pp.1-15 (May 2018) (<http://link.springer.com/10.1007/s10901-018-9613-6>)
- 3) MA, Yuen Tung, **CHAN, E.H.W.** & Choy, Lennon H.T. (2018) "Evolving institutions to tackle asymmetrical information problems in the housing market: A case study on 'shrinkage' of flat sizes in Hong Kong". *Habitat International*, Vol. 75, pp.154-160 (May 2018) (<http://linkinghub.elsevier.com/retrieve/pii/S0197397518303084>)
- 4) Zhang Q, Yung EHK & **Chan EHW** (2018) Towards Sustainable Neighborhoods: Challenges and Opportunities for Neighborhood Planning in Transitional Urban China, *Sustainability*, 10 (406) 1-23; doi:10.3390/su10020406
- 5) Sun, Y., Ma, H., Chan, E.H.W. (2018) A Model to Measure Tourist Preference toward Scenic Spots Based on Social Media Data: A Case of Dapeng in China. *Sustainability* 2018, 10, 43.
- 6) Chen, T., Lang W., **Chan EHW** & Philippp (2018) Lhasa: Urbanising China in the frontier regions Cities, (available online: <https://doi.org/10.1016/j.cities.2017.12.009>)
- 7) Wei ZC., Chen TT, Chiu R., & **Chan EHW** (2017) Policy Transferability on Public Housing at the City Level: Singapore to Guangzhou in China, September 2017 *Journal of Urban Planning and Development* 143(3) DOI10.1061/(ASCE)UP.1943-5444.0000392.
- 8) **Chan EHW** & Chen TT., (2017). Hong Kong: Compact and Vibrant Urban Development Approach (香港: 紧凑、富有活力的城市发展模式), *国际城市规划 (International Urban Planning)* , 32(3), 1-5,
- 9) Yung EHK, Sun Y., Wang AQ. & **Chan EHW.**, (2017). Different Business Models for Adaptive Reuse of Heritage Conservation in Hong Kong (香港历史遗产活化更新的商业模式探讨), *国际城市规划 (International Urban Planning)*, 32(3), 42-49,
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- 11) Hou, J., & **Chan, E.H.W.** (2017) Policy Approaches For Sustainable Conservation Of Built Heritage Using Transfer Of Development Rights: International Comparison, *Sustainable Development*, 25(6), November/December 2017, 528-545 (DOI: 10.1002/sd.1676, online: 15 February 2017)
- 12) Fan, M., Chau, C.K., **Chan, E.H.W.**, & Jia, J. (2017) A decision support tool for evaluating the air quality and wind comfort induced by different

- opening configurations for buildings in canyons , *Science of the Total Environment*, Vol. 574, 1 January 2017, 569-58
- 13) Sun Y., **Chan EHW**, Ma H. (2016) The Influence of Traditional Peri-urban Villages on Improving the Mental Wellness of Urban Residents: A Case Study of Dapeng District, Shenzhen City, *Procedia Environmental Sciences* 36 (2016) 34 - 41.
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 - 15) Mateo-Babiano I., Tang H., Conejos S., **Chan E.H.W.** (2016), Is an Active City a Healthier City for the Elderly? Examining Hong Kong's Active Transport Planning and Policy with Implications to Practice, *Journal of Transport & Health*, Vol3(2), Supplement, June 2016, P. S42-S43 (<https://doi.org/10.1016/j.jth.2016.05.094>)
 - 16) Yung, E.H.K., Conejos, S., **Chan, E.H.W.** (2016) Public open spaces planning for the elderly: The case of dense urban renewal districts in Hong Kong, *Land Use Policy* Volume 59, 31 December 2016, p.1-11.
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- 4) Wang Anqi & **Chan EHW** (2018) Designing Incentive-compatible Mechanisms With Agent-based Model, AUM Conference, Cambridge University, UK 27-29th June 2018.
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