



## LAM, Suen Man Schuman

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President of PolyU CIBSC  
2016-17

- **The Hong Kong Polytechnic University, Hong Kong 2014 – present**  
4<sup>th</sup> Year PhD Candidate (Faculty of Construction and Environment – PolyU Studentship)
- **The Hong Kong Polytechnic University, Hong Kong 2012/13**  
Master of Science in Sustainable Urban Development (Faculty Scholarship)
- **University of Illinois at Chicago, Chicago, USA (1st Class Honours)**  
Bachelor of Science in Marketing (Graduated with College Honors and with High Distinction)

### Supervisors

Chief Supervisor: Professor Edwin Hon-wan Chan

Co-supervisor: Dr. Ann Yu

### Area of Research

Quality of Urban Life Indicators focusing on Human-Centered Sustainable Urban Development in the parameter of Transit-Oriented-Development and Human Development.

- 1. Current research title:** An Empirical Study on the Relationship between Transit-Oriented-Development (TOD) and Urban Quality of Life (UQOL)
- 2. Current joint-research title:** Enhancing user's perspective in the development of smart cities and communities (a joint-research program with Politecnico di Torino, Italy)

### Research Scope

1. TOD dictates local urban form due to its Rail-Land-Oriented nature which influences local ways of life (lifestyle) subsequently. This causation would be documented and discussed by how TOD can facilitate human development in the sense of sustainability, as a result, quality of urban life would be optimized in this on-going process of sustainable urban development. Their correlation and causation relationship would be illustrated with both qualitative and quantitative data and afterwards, a measuring tool (Wheel of UQOLtod) will be created.

2. Investigating the real needs of people in relation to Sustainability in the process of building smart cities through two different methods: i) the Wheel of UQOLtod, an evaluating tool based on the theory of Maslow's Need Hierarchy Theory; ii) the Serious Game, a learning tool that "support the knowledge transfer" (Yussof, 2010). The two methods will be tested in parallel, both in Hong Kong (China) and Turin (Italy), representing different realities and situations. **Focus:** Urban planning evaluation, energy urban retrofitting, social research methods, Quality of Life, Transit-Oriented-Development and sustainable urban development.

## Research Methodology

Research methodology in macro: the concept was built on theoretical base, analytical explanation and discussion and at the end is empirical implementation.

Research methodology in micro: critical literature review will be conducted during the stage of theoretical and analytical narration. Case study, shooting script and field observation will be implemented to establish a good base for the empirical implementation section.

## Academic Achievements & Exchange

- **Appointed as the only postgraduate student representative for the PolyU Strategic Planning Task Force (Strategic Plan 2018/19 – 2023/24)** by the President of Hong Kong Polytechnic University (PolyU)
- **Chair of the Best Dissertation Competition Organizing Committee 2016**, Organizer: The PolyU CIBSC
- **Chair of the 15<sup>th</sup> Academic Conference for Post-Graduate Students in Construction Management & Real Estate**, 22<sup>nd</sup> June 2016
- **President of PolyU CIBSC** (International Council for Research and Innovation in Building and Construction Student Chapter) 2016/17, [http://www.cibworld.nl/site/programme/student\\_chapters.html](http://www.cibworld.nl/site/programme/student_chapters.html)
- **Creative Director** of the CIBSC Newsletter 2016/17  
[http://site.cibworld.nl/dl/publications/CIBSCnewsletter\\_2017\\_15.pdf](http://site.cibworld.nl/dl/publications/CIBSCnewsletter_2017_15.pdf)
- **Reviewer** of the Social Indicators Research Journal 2017/18  
<https://www.editorialmanager.com/soci/default.aspx>
- **Initiator**: successfully assisted Politecnico di Torino, Italy in applying for fund to initiate the first joint-research program between Dipartimento Interateneo di Scienze, Progetto e Politiche del Territorio and the Faculty of Construction and Environment, PolyU, November 2017 – November 2018
- **PolyU Out-going Research Student Attachment Program** at the Politecnico di Torino, Italy, Sept 2017- March 2018 (exchange program)
- **Group Leader**: attended the Tongji University-Bauhinia Valley Innovative Entrepreneur Workshop, Innovation and Development Center, Shanghai, China, June 2017; Organizers: Hong Kong China Chamber of Commerce (HKCHCC), Bauhinia Valley Innovation and Development Center, King Wai Group and Tongji University
- **Delegate**: WC2 2017 Summer Symposium – Sao Paulo “Building the Environmental City – Eco Campus: the case of Sao Paulo”, Universidade de Sao Paulo, Brazil, 13<sup>th</sup> – 18<sup>th</sup> August 2017
- **Presenter**: study trip at the School of Construction Management and Real Estate, Chongqing University, China (March 2017) <http://www.cmre.cqu.edu.cn/content/?1749.html>
- **Organizer**: study trip at the Department of Architectural Engineering, Osaka University, Japan, November 2016  
[http://www.eng.osaka-u.ac.jp/en/school/g\\_school.html](http://www.eng.osaka-u.ac.jp/en/school/g_school.html)
- **Organizer/Presenter**: study trip at the Faculty of Architecture, University Teknologi MARA, Malaysia, August 2016, <http://fspu.uitm.edu.my/v1/>
- **Presenter**: study trip at the Department of Real Estate, National University of Singapore, Singapore, March 2016, <http://www.rst.nus.edu.sg/>
- **Presenter**: study trip at the School of Architecture, South China University of Technology, China, January 2016, [http://www2.scut.edu.cn/architecture\\_en/](http://www2.scut.edu.cn/architecture_en/)

- **Group Leader** at the UNCCC Simulation “Understanding Paris 2015, UN Climate Change Conference” organized by the Hong Kong – America Center, October 2015
- **Presenter:** study trip at the College of Regional and Urban Planning, Zhejiang University, China, July 2015
- **Research Assistant (September 2013 – July 2014)**  
 Project 1: Social Considerations in Planning Public Open Space to Integrate Elderly People in Urban Renewal  
 Project 2: Sustainable Planning Criteria for Age Friendly Precincts in the New Development Areas of Hong Kong  
 The Hong Kong Polytechnic University: Faculty of Construction and Environment | Department of Building and Real Estate

## Prizes & Awards

- **Winner of the CIB Sebestyén Future Leaders Award 2016** for “*Setting up a Virtual CIB Community for Integrated Design & Delivery Solutions (IDDS)*”. Organizer: The International Council for Research and Innovation in Building and Construction (CIB), [€2,500], [http://www.cibworld.nl/site/programme/student\\_chapters.html](http://www.cibworld.nl/site/programme/student_chapters.html)
- **Finalist of Smart-E City Competition May 2016 (Group Leader)**. Organizers: The Hong Kong Polytechnic University, Faculty of Business & Faculty of Construction and Environment.
- **PolyU Entry Scholarship for the Postgraduate Scheme in Construction and Environment 2012/13**

## Publication List

- Lam S. & Chan E., (2017). “An Empirical Study on the Relationship between Transit-Oriented-Development (TOD) and Quality of Life (QOL)”, Conference Paper accepted for the 11th Built Environment Conference, organized by the Association of Schools of Construction in Southern Africa (ASOCSA) 2017
- Lam S. & Chan E., (2016). “A multi-disciplinary approach in developing sustainable built environment: a case study in Hong Kong Kowloon East Development Project (KEDP)”, Conference Paper presented at the World Sustainable Built Environment Conference 2017 Hong Kong (WSBE17 Hong Kong).
- Lam S. & Chan E., (2016). “Is Transit-Oriented-Development (TOD) a means to an end for optimizing quality of life (QOL) in the developing regions?”, Conference Paper accepted for the SBE16 Seoul International Conference on Sustainable Building Asia, December 2016
- Lam S. & Chan E., (2016). “Implementing global concept of Smart Infrastructure for solving local issues in Hong Kong: a case study in Kowloon East Development Project (KEDP)”, proceedings of the RISUD Annual International Symposium 2016 – Smart Cities (RAIS 2016).

## Hobbies

- Language Spoken: Fluent in English, Cantonese and Mandarin, and basic Korean
- Media: travel programs, documentaries & independent movies
- Sports: playing basketball & tennis, yoga, swimming & hiking
- Volunteering:
  - Tutor of Connect Hong Kong: English story teller for kids, 2016/17
  - Member of the PolyU Volunteers:
    - \*Helper for PolyU Food Angels 2017
    - \*Fundraiser and helper for the Care Action Fundraising Campaign by Smile 2016 and 2017
    - \*Helper for the 2016 PolyU & Neighbourhood: Chinese New Year Celebration for the Elderly
    - \*Helper for PolyU Limitless Campaign 2016: Bringing disability and diversity awareness in campus

- Cities visited: Chicago, Houston, Los Angeles, New York City, Washington DC, Beijing, Shanghai, Guangzhou, Shenzhen, Hangzhou, Chongqing, Chengdu, Yangon, Singapore, Ho Chi Minh City, Kuala Lumpur, Bali, Jakarta, Bangkok, Colombo, Tokyo, Kyoto, Osaka, Seoul, and Toronto...Buenos Aires & São Paulo

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Updated in October 2017