



Prof. Theng Yin Leng

● **Contact Information**

Affiliation:

President's Chair in Information Studies & Professor, Wee Kim Wee School of Communication and Information (WKWSCI), Executive Director, Ageing Research Institute for Society and Education (ARISE), Co-Director, Centre for Healthy & Sustainable Cities (CHESS)

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● **Education**

- (1) **PhD** - 1997, Middlesex University, London, UK
- (2) **MSc** -1994, Manchester University, UK
- (3) **BSc** -1983, National University of Singapore

● **Professional Experience/Memberships**

- Oct. 2013 - Present: Professor, Wee Kim Wee School of Communication and Information/ Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore.
- 2007 – 2013: Associate Professor, Wee Kim Wee School of Communication and Information, Nanyang Technological University, Singapore.
- 2001 – 2007: Assistant Professor, Wee Kim Wee School of Communication and Information, Nanyang Technological University, Singapore.
- 1998 – 2001: Lecturer, Middlesex University (London)

● **Honors and Awards**

- Founding Director of the Centre of Healthy and Sustainable Cities (CHESS) at the Wee Kim Wee School of Communication and Information, and Research Director at the Research Strategy and Coordination Unit (President's Office), Nanyang Technological University (NTU, Singapore).
- Dr. Theng Yin Leng is President's Chair in Information Studies, and Professor at

the Wee Kim Wee School of Communication and Information (WKWSCI), Nanyang Technological University (NTU, Singapore). She is the Executive Director of the Ageing Research Institute for Society and Education (ARISE), and Co-Director, Centre of HEalthy and Sustainable CitieS (CHESS), WKW, NTU.

- Dr. Theng's expertise is in user-centred design, interaction design and usability engineering. Over the past 20 years since returning to Singapore, she received research grants totalling over \$14M as PI with external grants from A*Star, MOH and NRF to work on projects in telehealth, patient care, elderly and technologies. Selected work using technologies for better eldercare healthcare and support includes: (i) A2GameF3: Design and Development of an Intergenerational Digitally Mediated Fitness Game for Elderly Users (1 Mar 2010–31 Jul 2013) funded by A*Star Human Factors Engineering Thematic Strategic Programme; (ii) Modelling and Optimising Homecare & Caregiving Services for the Elderly (1 Sep 2016–31 Aug 2019) funded by MOH NIC Care-at-Home Innovation Grant (2016); (iii) Uberising Health Coaching Addressing the Increasing Demand for Just-in-Time, Bite-Sized and Affordable Health Coaching for Older Adults (1 Jan 2018–30 Jun 2020) funded by Nanyang Technological University (2017); (iv) Information, Nutrition and Health: A Comparative Study on Behavioural, Psychological, and Social Insights of the Elderly Consumers in Singapore and Australia (2018 – 2022), funded by NTU-CSIRO Australia (2018); (v) Feasibility Study to Investigate Contactless Health Coaching for Older Adults (2020 – 2021), funded by NRF Central Gap Fund (Covid-19 Challenge, 2020).
- In recent years, she has secured 2 projects on workplace safety and skills mapping : (a) A Baseline, Cross-Sectional and Intervention Study Investigating Individual, Cultural and Organisational Factors Influencing Ownership of Workplace Health and Safety Leading to a Mindset Change and Actions (2017 – 2020) funded by the Workplace Safety and Health Institute (WSHI); and (b) Skillsets Mapping for Future-Ready Seniors of 5 sectors (Retail; Precision Engineering; Food Services; Transportation; Health Services) (2021 – 2025) funded by SkillsFuture and Institute of Advanced Learning (IAL).
- Dr. Theng has participated in numerous research projects as PI, Co-I and Collaborator with more than 300 publications published widely in international journals and conferences.

● Field of Research

User-centred design, Interaction design, Usability engineering, etc.

- **Topic of Talk**

Smart Digital Health for Eldercare, Health & Well-being (tentative)