

Curriculum Vitae



Dr Kelvin Tan

Head, Minor in Applied Ageing Studies
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Education Qualifications

2015 - 2020	Doctor of Philosophy in Social Work and Administration, The University of Hong Kong Thesis: The role of humanoid social robot in nursing home for cognitively impaired seniors
2012 - 2014	Master in Gerontology, Singapore University of Social Sciences (SUSS)
1995 - 1996	Master in Business Administration, Oklahoma City University
1990 - 1992	Bachelor in Electrical and Electronic Engineering (Top Second Upper), University of Manchester Institute Science and Technology, UK

Academic and Professional Experience

2022 - Present	Head of Programme, Minor in Applied Ageing Studies
2020 - Present	Senior Lecturer, Master/PhD in Gerontology Programmes and Impact Startup Challenge Programme, SUSS, Domain Expert/Mentor, Venture Builder, SUSS
2012 - 2020	Director, Corporate Partnership, NUS Enterprise Director, Business Development, NUS Smart Systems Institute
2004 - 2012	Snr VP, ServTouch-Wywy Pte Ltd Co-founder, Eyemail Technology Inc
2000 - 2004	Director, Mobile E-Services Bazaar, HP Asia Pac
1997 - 2000	Senior Manager, M1
1994 - 1996	Technical Consultant (Telecommunication), AT&T Asia Pac
1992 - 1994	Engineer, Technical Standards, Telecommunication Authority Singapore

Research Interests

- Humanising Assistive Technologies for older persons
- Intergeneration dynamics in Life Course perspective
- Innovations in Gerontology
- Old persons empowerment in Community and Lifelong learning
- Longevity Economy and Dividend
- Ecosystem Approach for innovators and accelerators

Memberships and Professional Activities

- Fellow, The University of Hong Kong, Sau Po Centre on Ageing
- Advisor, People's Association Chingay Creative Media Panel
- Advisor, One&Co (Japan East JR Rail)
- Advisor, Ageing Asia Innovation/Research
- Mentor, German Accelerator
- Project Team Member, ibasho Singapore, Health District @ Queenstown
- Review Panel Member, New Frontiers in Research Fund (NFRFR 2022)
- Faculty Representative, Think Tank, UK-Singapore Alliance for Entrepreneurship and Innovation
- Committee Member, Silver Caregiver Co-operative Ltd

Consultation and Executive Experiences

- Judge, Guangzhou International Innovation Festival (2018/19)/Shopee x NUS m-Commerce Challenge (2016)/Ageing 2.0 HK (2017)
- Co-chair, Organising team, NUS innovfest unbound (2016 to 2020)
- Co-creator, SIA-App Challenge/Loreal Innovation Runway/Startup Autobahn Singapore/Ocean of Opportunities/Modern Aging Spore
- Presenter/Lecturer, PA for Senior Geragogy, E-commerce for Seniors/ PA Senior Academy/ PA Industry Guru

Selected Publications

A functional approach to measuring acceptance of social robots among elderly singletons in Hong Kong and Singapore: Protocol Review of A Purposeful Sampling Study. ISG 2022. C.K.Tan, W.Q. Lou, C.Y. Man, Y.Y. Mor. (2022).

Role of technology in the relationship between grandparents and grandchildren in Asia. ISG 2022. C.K Tan, Coco Liu. (2022).

Burnout and intention to leave among care workers in residential care homes in Hong Kong: Technology acceptance as a moderator. *Health & Social Care in the Community*, 29(6), 1833-1843. Chen, K., Lou, V., Tan, K., Wai, M., & Chan, L. (2021)

Effects of a humanoid companion robot on dementia symptoms and caregiver distress for residents in longterm care. *Journal of the American Medical Directors Association* Chen, K., Lou, V. W., Tan, K. C., Wai, M., & Chan, L. (2020)., 21(11), 1724-1728.e3.

Changes in technology acceptance among older people with dementia: The role of social robot engagement. *International Journal of Medical Informatics (Shannon, Ireland(2020))* 141, 104241-104241. Ke, C., Lou, V. W., Tan, K. C., Wai, M. Y., & Chan, L. L. (2020)

Companion robot for elderly residents with dementia: A cognitive behavioral analysis for neuropsychiatric symptoms. *Alzheimer's & Dementia*, 16, n/a. Tsoi, K. K., Chan, T. K., Cheung, R. S., Wong, Y. S., WAI, M.Y., Chan, L. K., Tan, K., & Lou, V. (2020).

Bayer-NUS "Healthy Hearts, Health Ageing" Reports: Asia Pacific/Singapore/Thailand/Malaysia/Philippines/ Technology versions (2019)

Commentary/Article

Commentary: Singapore's ageing population does not only bring challenges (Channel News Asia, 6 Jul 2022).

The Singapore-Hong Kong experiment on robot to accompany the elderly 新港试验由机器人陪伴独居老 (<https://www.zaobao.com.sg/news/singapore/story20220620-1284639>, 20 Jun 2022).

Commentary: Singapore slows reopening to protect our seniors because this is who we are (Channel News Asia, 9 Oct 2021).

In Focus: Amid a rapidly ageing population, where the missing pieces in Singapore's residential eldercare puzzle? (Channel News Asia, 13 Nov 2021).

More companies appear ready for service care for elderly (Berita Harian, 27 Dec 2021).

ibasho.SG: Find your ibasho "A Place where you can feel like yourself" (www.ibasho.org, 2021).

Recent Research

Social robots for Singleton seniors (Ministry of Education Startup Grant, 2022).

Citizen engagement assessment, partnership with The Future Laboratory TsingHua University (UK-China Fund for International Healthy Ageing, 2021).

Deployment of Technology-Assisted Interventions in Elderly Care Home for Residents with Cognitive Impairment (2019).

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