

Curriculum Vitae



Dr Ng Boon Yuen

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School of Business

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Education Qualifications

- PhD in Information Systems, National University of Singapore, Singapore
- M.S. in Computer Science, University of Illinois at Urbana-Champaign, U.S.
- B.S. (Highest Honors) in Computer Science, University of California at Berkeley, U.S

Academic and Professional Experience

- Senior Lecturer, School of Business, Singapore University of Social Sciences
- Associate Faculty, School of Business, SIM University
- Lecturer, Department of Information Systems, National University of Singapore
- IT Consultant and Manager, Infocomm Development Authority of Singapore
- IT Analyst, National Computer Board (Singapore)

Memberships and Professional Activities

Reviewer:

- Pacific Asia Journal of the Association for Information Systems
- International Conference on Information Systems
- Pacific Asia Conference on Information Systems
- North American Case Research Association Conference
- IEEE Transactions on Engineering Management
- Decision Support Systems
- European Journal of Information Systems
- Journal of Information Security and Privacy
- International Journal of Healthcare Information Systems and Informatics
- International Journal of Asian Business and Information Management

Consultancy and Executive Experience

- Study of the impact of healthcare information systems and their use in Singapore hospitals
- Consultancy and policy development in the areas of information security, e-commerce and e-government

Research Interests

- Impact of IT and digital economy
- Scholarship of teaching and learning
- Healthcare information systems
- Job design and positive organisational behaviour
- Information security management

Selected Publications

Conference Papers

- **Ng, B.Y.**, Chan, C., and Qiu, D. "User Adaptation of Digital Platforms: A Conceptual Framework" In Pacific-Asia Conference on Information Systems, 2021.
- Yang, Z., Kankanhalli, A., **Ng, B.Y.**, and Koo, K.K. "Investigating Mobile Messaging in Healthcare Organizations: A Sensemaking Perspective" International Conference on Information Systems, 2013.
- **Ng, B.Y.**, Kankanhalli, A., and Yip, J.W.L. "Use of Healthcare IS by Multiple User Groups: An Empirical Study of a Medication Management System" International Conference on Information Systems, 2011.
- **Ng, B.Y.**, Kankanhalli, A., Koo, K.K., and Yip, J.W.L. "Mobile Messaging in Healthcare Organizations: Investigating Use from a Power Perspective" International Conference on Information Systems, 2010.
- **Ng, B.Y.** and Kankanhalli, A. "IT Impact on Individual Work: A Study in the Context of Healthcare Services" International Conference on Information Systems, 2009.
- **Ng, B.Y.** and Kankanhalli, A. "Processing Information Security Messages: An Elaboration Likelihood Perspective" The Sixteenth European Conference on Information Systems, 2008.
- **Ng, B.Y.** and Feng, A.E., "An Exploratory Study on Managerial Security Concerns in Technology Start-ups" The Tenth Pacific Asia Conference on Information Systems, 2006.

Books and Book Chapters

- **Ng, B.Y.** "Motivating the Adult Learner in Online Discussion" in Motivation and Momentum in Adult Online Education, 2023, IGI Global, pp. 69-86.
- **Ng, B.Y.** "Engaging Students in Emergency Remote Teaching: Strategies for the Instructor" In Fostering Meaningful Learning Experiences Through Student Engagement, 2021, IGI Global, pp. 74-91.
- Tang, Q., **Ng, B.Y.**, and Kankanhalli, A. "Individuals' Response to Security Messages: A Decision Making Perspective" in Decision Support for Global Enterprises, Annals of Information Systems, Vol 2, U. Kulkarni, D. Power, and R. Sharda (eds.), Springer, 2007.

- **Ng, B.Y.**, Ramas, K.S., Tan, C-W., and Woon, I.M.Y. *Fundamentals of Information Systems* (2nd ed.) McGraw-Hill., 2005.

Press Articles

- Chan, C. and **Ng, B.Y.** "How to Help Hawkers Go Digital" In *Today*, 23 August 2021.

Journal Papers

- Yang, Z., Kankanhalli, A., **Ng, B.Y.**, and Lim, T.Y.J. "Examining the Pre-Adoption Stages of Healthcare IT: A Case Study of Vital Signs Monitoring Systems" *Information and Management* (52:4), 2015, pp. 454-467.
- Yang, Z., Kankanhalli, A., **Ng, B.Y.**, and Lim, T.Y.J. "Analyzing the Enabling Factors for the Organizational Decision to Adopt Healthcare Information Systems" *Decision Support Systems* (55:3), 2013, pp. 764-776.
- Yang, Z., **Ng, B.Y.**, Kankanhalli, A., and Yip, J.W.L. "Workarounds in the Use of IS in Healthcare: A Case Study of an Electronic Medication Administration System" *International Journal of Human-Computer Studies* (70:1), 2012, pp. 43-65.
- **Ng, B.Y.**, and Kankanhalli, A. "Information Systems for Large-Scale Event Management: A Case Study" *Pacific Asia Journal of the Association for Information Systems* (4:3), 2012, pp. 15-44.
- **Ng, B.Y.**, Kankanhalli, A, and Xu, Y. "Studying Users' Computer Security Behavior: A Health Belief Perspective" *Decision Support Systems* (46:4), 2009, pp. 815-825. (A preliminary version of this paper was nominated for Best Paper Award in Pacific-Asia Conference on Information Systems 2007)

Awards

- SUSS Excellence in Teaching Award - 2023
- SUSS Award for Teaching Excellence (Honourable Mention Certificate) - 2022
- NUS Annual Teaching Excellence Award - 2005
- Faculty Teaching Excellence Award (NUS School of Computing) - 2004, 2007, 2008
- Dean's Research Achievement Award (NUS School of Computing) - 2010

Course Development

- Organisational Behaviour in the Technology Era (SUSS)
- Managing Information Security and Privacy (SUSS)
- Customer Relationship Management (SUSS)
- Strategic IT Applications (NUS)
- Principles of Information Security (NUS)
- Information Security Management (NUS)