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His professional leadership roles include: elected council member of the Academy of Medicine, Singapore; vice-president of the College of Physicians, Singapore; president of the Society for Infectious Diseases (Singapore); and chairperson of the National Antimicrobial Stewardship Expert Panel, Ministry of Health. He serves on the executive committee of Action for AIDS, a non-governmental organisation in Singapore.

He graduated from the University of Melbourne, completed his internal medicine training at St Vincent's Hospital, Melbourne, and undertook his infectious disease training at Westmead Hospital, Sydney, and Barwon Health, Victoria, Australia.

His research productivity includes 101 peer-reviewed publications and 103 conference abstracts on dengue and other emerging infections, antimicrobial pharmacotherapy and resistance, and influenza; his H-index is 21 (March 2015). He serves as an associate editor, BMC Infectious Diseases, and is on the editorial board of Journal of Global Antimicrobial Resistance.