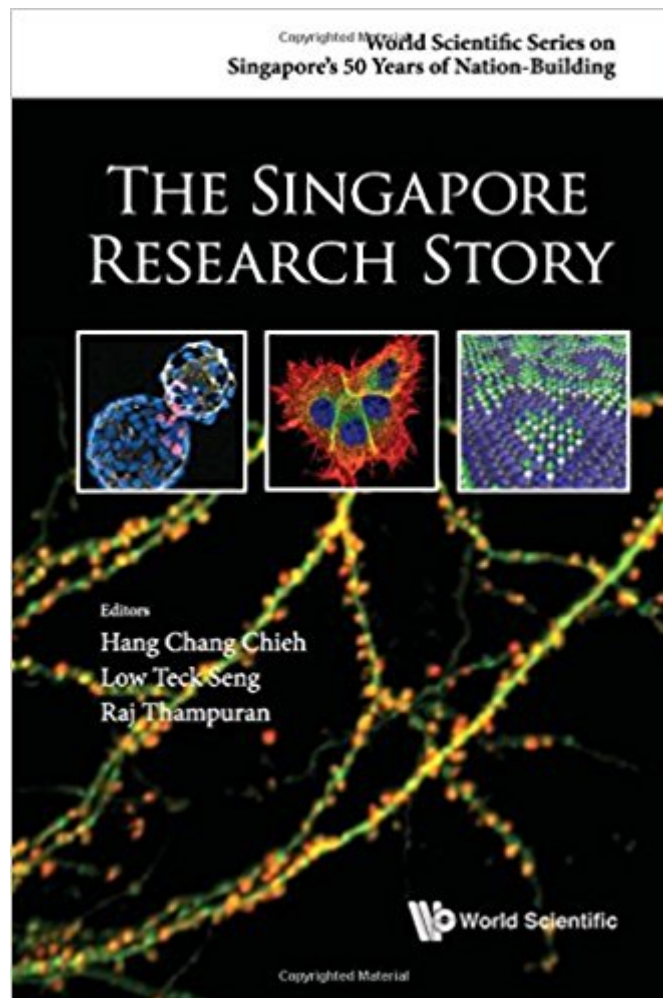




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The Singapore Research Story (World Scientific Series On Singapore's 50 Years Of Nation-Building)



Synopsis

Ever since Singapore became independent in 1965, its leaders have invested tremendous efforts and resources to develop its economy in order to create jobs for its people and to support national development. This book describes the challenging journey of Singapore in developing a knowledge-based economy driven by research and innovation and the roles played by research institutes, universities, research manpower and appropriate collaboration between research institutes and industry. The book traces the foundations of Singapore's research story from the time of its independence in 1965 to the present day. Through interviews with the key players and research into the records, the establishment of the key institutes and the roles of a global cast of researchers, scientists and engineers in setting up the R&D infrastructure are outlined. The impact of the concerted efforts to build up a credible and world-class research capability in Singapore over the last 25 years is discussed, as are the tremendous challenges faced by the key players in the drive to develop a knowledge-based economy and the ultimate goal of an innovation-driven economy. Readership: Researchers, professionals, academics, and laymen interested in all aspects of research and development.

Book Information

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Customer Reviews

"This is a unique account of Singapore's remarkable development of a world-class research ecology. Written by insiders who were intimately involved as researchers and managers of the

Nation's technology programmes, the book is a must-read for anyone wanting a complete view of the subject. The text details the national sustained, enormous commitment to the enterprise of creating Singapore as a research hub. This effort continues to engage truly significant sums of money, off-scale in terms of size of the population. It emphasizes Singapore's innovative strategic policy of accelerating its technological development by recruiting clusters of the best industrial and academic researchers in the world to be local partners. Congratulations to the authors for their contributions â “ both as writers and long-standing contributors to the process!" -- Prof Richard de Neufville, MIT Institute for Data, Systems, and Society, Founding Chairman, MIT Technology and Policy Program "In summary, this book shows that Singapore's R&D accomplishment over 50 years can be called miraculous but not mysterious. This book will be an excellent reference for governments, institutions and scholars alike." -- Otto C C Lin, Industrial Technology Research Institute (Taiwan), The Hong Kong University of Science and Technology

Ever since Singapore became independent in 1965, its leaders have invested tremendous efforts and resources to develop its economy in order to create jobs for its people and to support national development. This book describes the challenging journey of Singapore in developing a knowledge-based economy driven by research and innovation and the roles played by research institutes, universities, research manpower and appropriate collaboration between research institutes and industry. The book traces the foundations of Singapore's research story from the time of its independence in 1965 to the present day. Through interviews with the key players and research into the records, the establishment of the key institutes and the roles of a global cast of researchers, scientists and engineers in setting up the R&D infrastructure are outlined. The impact that the concerted efforts of the last 25 years to build up a credible and world-class research capability in Singapore is discussed, as are the tremendous challenges faced by the key players in the drive to develop a knowledge-based economy towards the ultimate goal of an innovation-driven economy.

A good read, if you are interested in understanding how different organizations in Singapore come together to work in a coherent manner for a progressive Singapore.

Disclaimer: The publisher of this book also published "Stem Cell Battles" which I wrote. I asked for and received a copy of "The Singapore Research Story" for purposes of review. How did the tiny island nation of Singapore go from a third world country status to being one of the great scientific

powers on Earth? Amazing. Every politician should be required to read this book, to see what can happen when a country focuses on science, particularly biomedicine. Today, Singapore has only two (2) percent unemployment. This is not an easy book; jammed with information, it could easily have been expanded another 50 pages or so, with more stories and examples. But this is a minor quibble. Highly recommended for libraries.

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