



Defense Technological Innovation

Issues and Challenges in an Era of Converging Technologies

New Horizons in Innovation Management series

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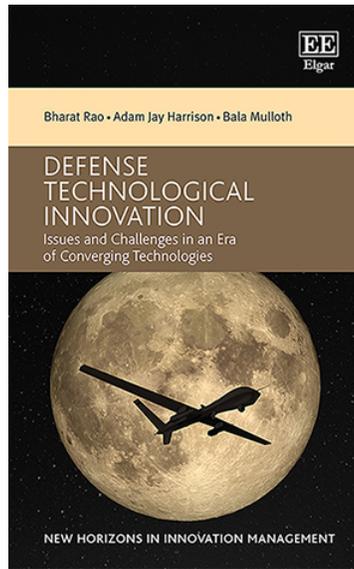
Defense Technological Innovation describes the emerging paradigm for innovation at the US Department of Defense, and the consequent impacts on its stakeholders. Leveraging a combination of prior research, archival data, first-person observations and interviews, the authors identify practices and themes characterizing the key trends in defense innovation, describe current organizational approaches and practices, and develop a theoretical framework that elucidates the competencies required to underwrite defense innovation objectives. The findings therein are relevant to any large, technology-driven organization contending with the implications of rapid change in the high-tech landscape.

'The authors have uniquely captured the challenges and key drivers of the defense innovation ecosystem in the US – both its current weaknesses and strengths. The ability of our defense infrastructure to integrate talent and technology from non-traditional sources is vital to our future national security. The extraordinary pace of innovation and the growing capability of our strategic competitors make their recommendations timely and a must read for any leader and organization interested in creating a culture of innovation.'

– Major General Boe Young (Retired), Commanding General, 75th Innovation Command, 2015-2019 and Army Representative to the Defense Innovation Board, 2018-2019, US

'This well-researched book convincingly demonstrates the importance of bringing Open Innovation to the defense sector, while adopting a clear-eyed view of the many challenges in doing so. As innovation accelerates, our military needs to open up its innovation sources, speed up its procurement systems, and adapt its administrative processes, in order to meet the challenges of our near-peer rivals in the 21st century.'

– Henry Chesbrough, University of California, Berkeley, US



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