

Dr. Gillian Marcelle

Key Selected References: Listing of academic, policy relevant, industry change and advocacy contributions

<https://www.researchgate.net/profile/Gillian-Marcelle>

<https://scholar.google.com/citations?user=YsuqmM8AAAAJ&hl=en>

Innovation

Title: Science, technology and innovation policy that is responsive to innovation performers

Author(s): Gillian M. Marcelle

Book: Research Handbook on Innovation Governance for Emerging Economies

Published: 2017

WebLink: https://ideas.repec.org/h/elg/eechap/15643_2.html

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Annotation: In this chapter, Marcelle offers a definition of innovation that eschews techno centric conceptions and instead focuses on the process of innovation as one in which knowledge generation and exchange are central. For this scholar, meaning-making within the process of innovation is as important as commercialization and therefore the definition and related framework extends into the domain of society rather than the narrow domain of the market. Finally, by taking a Kuhnian interpretation to the discipline of innovation studies, the author argues that processes of exclusion are often at the heart of creating and maintaining dominant designs and influential ideas. She calls for a reimagining of innovation that admits a broader set of actors and processes.

Title: Special issue Editors Introduction

Author: Gillian M Marcele

Journal: Int. J. Technological Learning, Innovation and Development, Vol. 5, Nos. 1/2, 2012

<https://www.inderscience.com/info/dl.php?filename=2012/ijtld-2922.pdf>

Annotation: The papers brought together in this special issue of the International Journal of Technological Learning, Innovation and Development (IJTLID) were first presented at an academic symposium organised by the Wits University in South Africa in February 2010, 'Innovation for development: frontiers of research, policy and practice'. The aim of that meeting was to explicitly connect the innovation studies agenda to development debates and to offer the specific context of Africa and South Africa as an empirical laboratory for investigating aspects of innovation studies practice at national and regional levels. The symposium provided a platform for knowledge exchange among academics, policy makers and the business community on the interaction among:

1 science, technology and innovation activities ('practice')

2 public policies to support and enhance innovation activities ('policy')

3 the efforts of the academic innovation studies community to study research and innovation practice and policy and to mediate between them ('research')

4 the relevance and impact of innovation on development ('development').

Title: Technology acquisition and domestic learning

Author(s): Gillian Marcelle

Journal: Science and Development Network. Policy Briefs. Published: December 2007

DOI: <https://www.scidev.net/global/opinions/managing-technological-learning-a-strategic-imper/>

Annotation: Gillian Marcelle discusses the importance for firms to build technological capabilities instead of relying solely on imported technologies. She reiterates that technology acquisition and domestic learning efforts inside firms and public institutions are complementary processes and not substitutes for each other.

Title: Technological learning: A strategic imperative for firms in the developing world Author(s):

Gillian M. Marcelle

Journal: Edward Elgar Publishing

Published: 2004

<https://www.elgaronline.com/view/9781843766926.xml>

Annotation:

Marcelle's integrative approach, amalgamating various schools of thought and adapting to them; assessing endogenous and exogenous factors; and using a mixture of quantitative analysis to substantiate her claims, offers academics, policymakers and business leaders interested in development, technology, industries, organizational learning and boundary relations, a rigorous, comprehensive study with a refreshing, insightful point of view.' Alexandra Mallett, Progress in Development Studies. This book investigates how individual firms in developing countries undertake technological learning and capability building (TCB) efforts and explains why some developing country firms are world-class and others struggle with these important processes.

Title: Reconsidering technology transfer

Author(s): Gillian M. Marcelle

Journal: Int. J. Technology Transfer and Commercialisation Published: 2003

DOI: <https://doi.org/10.1504/IJTTC.2003.003168>

Annotation: Gillian M. Marcelle uses the technological capability building system (TCB) approach as a conceptual framework and suggests that firms in developing countries exercise constrained agency in technological acquisition processes. The data is taken from a study of technological capability accumulation by twenty-six firms in the telecommunication sector of four developing countries: Uganda, Ghana, Tanzania and South Africa. The study found that the existence of specific boundary management capabilities for managing relationships with suppliers; confirmation that firms use different mechanisms for acquiring codified and tacit knowledge; and support for the view that technical change and industry features have significant effects on technology acquisition strategies and their effectiveness.

Finance and Investment

Bottlenecks, blindspots and blended finance – towards a new financing framework for people and the planet

<https://www.greeneconomycoalition.org/news-and-resources/bottlenecks-blind-spots-and-blended-finance>

RCV Triple B Framework in Summary

[Mobilizing all forms of capital for sustainable development](#)

Covid 19 and global response

Innovation Possibilities in Times of Crisis

<https://www.resiliencapitalventures.com/thought-leadership/innovation-possibilities-in-time-of-crisis>

Crisis management capabilities

<https://africanevreport.com/building-crisis-management-capabilities-can-save-the-world-from-future-pandemic/>

Investment in systems for health in Covid pandemic era

<https://www.project-syndicate.org/commentary/covid19-impact-investment-to-improve-global-public-health-by-tolullah-oni-et-al-2020-04?barrier=accesspaylog>

Gender justice

Gender justice agenda in investment

<https://investforbetter.org/opening-pandoras-box-of-investment-overcoming-fear-and-barriers/>

Transforming ICTs for gender equality, monograph published by UNDP 2000.

https://www.researchgate.net/publication/237447040_Transforming_Information_Communications_Technologies_for_Gender_Equality