

Frugal Innovation In Healthcare How Targeting Low Income Markets Leads To Disruptive Innovation India Studies In Business And Economics

This book is about the great innovations that the biomedical industry has had on improving the health and treating diseases of people and the incredible effort that scientists, engineers, technologists, mathematicians and physicians has invested in conceptualizing, producing and marketing the innovations. This rapidly growing industry is a knowledge intensive industry that is constantly generating, and adapting to, new technology. The innovations are the movers leading to the growth of the biomedical industry since 1960. However, its growth may be threatened by the lack of access to capital, a burdensome and uncertain regulatory environment, and lack of R&D innovation and productivity. It is written for students and professionals in science, technology, engineering, mathematics and medicine wanting to become a successful biomedical entrepreneur and to grow the biomedical industry. This book covers these four sectors of biomedical industries: medical technologies, healthcare information technology, pharmaceutical industry and biotech. Many innovations are employed throughout the book to make this book as a resource of use to help you invent, evaluate, develop and market your innovative products. Part I examines the education merits of biomedical engineers and teaches biomedical professionals to conceptualize their innovations and to assess whether their innovations could be manufactured and be wanted by patients. Part II will guide budding entrepreneurs to form the company and entrepreneurial team, to raise venture capital, to patent your innovative products, to obtain regulatory approval and to write your business plan. Other important aspects of company operations like financing, negotiations, leadership, manufacturing, marketing and globalization are covered in Part III. Two concluding chapters, with excerpts from leaders in community, education and industries, touch on the development, growth and investment of biomedical entrepreneurs on the delivery of better healthcare and economy to all people in the world.

This text was developed as a book aimed at surgeons and allied health professionals that provides an introduction to the unmet needs, epidemiological, socioeconomic and even political factors that frame Global Surgery. Following upon an understanding of these issues, the text is a practical guide that enables the reader on several levels: to work cross culturally, build relationships and negotiate the logistical challenges of bringing surgical care to low resource settings; to develop an approach to the management of various clinical conditions that would be unfamiliar to most "western" surgeons. Global Surgery is a recently coined term that encompasses many potential meanings. Most would agree that it focuses on the growing recognition of the crisis of access to quality surgical care in low resource settings. Such scenarios exist on every continent. Increasingly surgeons, allied health professionals (NGO), Public Health / Health Policy professionals as well as governmental and non-governmental organizations are engaging in this field. Many surgeons have an interest in Global Health and a desire to become involved but feel ill equipped to do so and unsure where to start. Global Surgery: The Essentials serves as a ready resource to equip surgeons to manage clinical scenarios that lie beyond the scope of their training or current practice but that they would reasonably be expected to encounter in the field.

By 2030, the world will be short of approximately 15 million health workers - a fifth of the workforce needed to keep healthcare systems going. Global healthcare leader and award-winning author, Dr Mark Britnell, uses his unique insights from advising governments, executives, and clinicians in more than 70 countries, to present solutions to this impending crisis. Human: Solving the Global Workforce Crisis in Healthcare, calls for a reframing of the global debate about health and national wealth, and invites us to deal with this problem in new and adaptive ways that drive economic and human prosperity. Harnessing technology, it asks us to reimagine new models of care and levels of workforce agility. Drawing on experiences ranging from the world's most advanced hospitals to revolutionary new approaches in India and Africa, Dr Mark Britnell makes it clear what works - and what does not. Short and concise, this book gives a truly global perspective on the fundamental workforce issues facing health systems today.

"Jugaad Innovation is the most comprehensive book yet to appear on the subject [of frugal innovation]." —The Economist
A frugal and flexible approach to innovation for the 21st century Innovation is a key directive at companies worldwide. But in these tough times, we can't rely on the old formula that has sustained innovation efforts for decades—expensive R&D projects and highly-structured innovation processes. Jugaad Innovation argues the West must look to places like India, Brazil, and China for a new approach to frugal and flexible innovation. The authors show how in these emerging markets, jugaad (a Hindi word meaning an improvised solution born from ingenuity and cleverness) is leading to dramatic growth and how Western companies can adopt jugaad innovation to succeed in our hypercompetitive world. Outlines the six principles of jugaad innovation: Seek opportunity in adversity, do more with less, think and act flexibly, keep it simple, include the margin, and follow your heart Features twenty case studies on large corporations from around the world—Google, Facebook, 3M, Apple, Best Buy, GE, IBM, Nokia, Procter & Gamble, PepsiCo, Tata Group, and more—that are actively practicing jugaad innovation The authors blog regularly at Harvard Business Review; their work has been profiled in BusinessWeek, MIT Sloan Management Review, The Financial Times, The Economist, and more Filled with previously untold and engaging stories of resourceful jugaad innovators and entrepreneurs in emerging markets and the United States This groundbreaking book shows leaders everywhere why the time is right for jugaad to emerge as a powerful business tool in the West—and how to bring jugaad practices to their organizations.

Frugal Innovation in Healthcare: Aligning Systematic Review, Patterns, and Factors for Diffusion in Developing Economies
Our Frugal Future

Learning to Create Value from Ideas

Insights from Indonesia

Proceedings of ICoRD 2021

The New Levers of State Power

User Innovation in Healthcare

For a century, the most divisive question in political thought has been about the size of the state. Should it expand and take an active role in all sorts of areas of life? Or is that just meddling and wasteful? Those questions might have made sense in the previous century. Now, with revolutions in technology and organisational structure, and a world

transformed by Covid-19, a revolution is also coming in the essential business of government - whether we like it or not. Join organisations expert Jaideep Prabhu on a tour of what's possible in government. Discover amazing initiatives in unexpected places, from India's programme to give a digital identity to a billion citizens, to a Dutch programme that lets nurses operate almost entirely without management. Or perhaps China's ominous Social Credit system is a more accurate vision what the future has in store for us. Whether you are on the political left or right, it matters whether your government does what it does fairly and well. And the game is changing...

A New York Times, Wall Street Journal, USA Today, Amazon Bestseller Reverse Innovation is the new business idea everyone is talking about. Why? Because it presents the blueprint for scaling growth in emerging markets, and importing low-cost and high impact innovations to mature ones. Innovation is no longer the exclusive domain of the Silicon Valley elite. Reverse Innovation will open your eyes to the fact that the dynamics of global innovation are changing—and if you want your firm to survive, you'd better pay attention. The gap between rich nations and emerging economies is closing. No longer will innovations travel the globe in only one direction, from developed to developing nations. They will also flow in reverse. CEOs of the world's most influential companies agree and have cited Reverse Innovation as their playbook for the next generation of global growth. Authors Vijay Govindarajan and Chris Trimble of the Tuck School of Business at Dartmouth explain where, when, and why reverse innovation is on the rise and why the implications are so profound. Learn how to make innovation in emerging markets happen and how such innovations can unlock even greater opportunity throughout the world. You'll follow some of the world's leading companies (including GE, Deere & Company, P&G, and PepsiCo) through stories that illustrate exactly what works and what doesn't. If you're in a Western economy, you need to accept that the future lies far from home. But the idea is not just for Western audiences. If innovation is at the heart of your company or your career, no matter where you practice business, Reverse Innovation is a phenomenon you need to understand. This book will help you do that.

Science and innovation have the power to transform our lives and the world we live in - for better or worse - in ways that often transcend borders and generations: from the innovation of complex financial products that played such an important role in the recent financial crisis to current proposals to intentionally engineer our Earth's climate. The promise of science and innovation brings with it ethical dilemmas and impacts which are often uncertain and unpredictable: it is often only once these have emerged that we feel able to control them. How do we undertake science and innovation responsibly under such conditions, towards not only socially acceptable, but socially desirable goals and in a way that is democratic, equitable and sustainable? Responsible innovation challenges us all to think about our responsibilities for the future, as scientists, innovators and citizens, and to act upon these. This book begins with a description of the current landscape of innovation and in subsequent chapters offers perspectives on the emerging concept of responsible innovation and its historical foundations, including key elements of a responsible innovation approach and examples of practical implementation. Written in a constructive and accessible way, Responsible Innovation includes chapters on: Innovation and its management in the 21st century A vision and framework for responsible innovation Concepts of future-oriented responsibility as an underpinning philosophy Values - sensitive design Key themes of anticipation, reflection, deliberation

and responsiveness Multi - level governance and regulation Perspectives on responsible innovation in finance, ICT, geoen engineering and nanotechnology Essentially multidisciplinary in nature, this landmark text combines research from the fields of science and technology studies, philosophy, innovation governance, business studies and beyond to address the question, "How do we ensure the responsible emergence of science and innovation in society?"

This book is open access under a CC BY 4.0 license. This book investigates what international placements of healthcare employees in low resource settings add to the UK workforce and the efficacy of the its national health system. The authors present empirical data collected from a volunteer deployment project in Uganda focused on reducing maternal and new-born mortality and discuss the learning and experiential outcomes for UK health care professionals acting as long term volunteers in low resource settings. They also develop a model for structured placement that offers optimal learning and experiential outcomes and minimizes risk, while shedding new light on the role that international placements play as part of continuing professional development both in the UK and in other sending countries.

A Frugal and Flexible Approach to Innovation for the 21st Century

Innovation in Emerging Markets

Innovation and a Global Knowledge Economy in India

Solving the Global Workforce Crisis in Healthcare

Think Frugal, Be Flexible, Generate Breakthrough Growth

Innovations in Healthcare Management

A Cost-Benefit Analysis

India is still perceived by some as a developing country that has yet to create world-class products of its own. However, this book shows that in recent years India has emerged as a lead market for frugality-driven innovations that are affordable, robust and successful even outside its geographic boundaries. Many global companies have recognized these changes and are ramping up their local R&D capabilities. At the same time, several Indian firms are venturing out to international shores and gaining access to new markets. Using a top-down approach, the book takes a closer look at systems of innovation at work and presents examples of successful, corporate innovations in multiple industries and their contextual conditions.

Turning the World Upside Down is a search to understand what is happening and what it means for us all. It is based on Nigel Crisp's own journey from running the largest health system in the world to working in some of the poorest countries, and draws upon his own experiences to explore new ideas and innovations around the world. The book has three unique features: Describes what rich countries can learn from poorer ones, as well as the other way round Deals with health in rich and poor countries in the same way, not treating them as totally different, and suggests

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that instead of talking about international development we should talk about co-development Sets out a new vision for global health, and our rights and accountabilities as citizens of the world There is an unfair import export business in people and ideas that flourishes between rich and poor countries. Rich countries import trained health workers and export their ideas and ideology about health in poorer ones, whether or not they are appropriate or useful. What, Nigel Crisp asks, if we were to turn the world upside down - so the import export business was reversed and poorer countries exported their ideas and experience whilst richer ones exported their health workers? Health leaders in poorer countries, without the resources or the baggage of rich countries, have learned to innovate, to build on the strengths of the population and their communities and develop new approaches that are relevant for the rich and poor alike. At the same time, richer countries and their health workers could help poorer countries to train, in their own country, the workers they need for the future. They would help pay a debt for all the workers who have migrated and learn themselves the new ways of working, which they will need in the 21st Century. We could stop talking about international development - as something the rich world does to the poor - and start talking about co-development, our shared learning and shared future. There is already a movement of people and ideas travelling in this direction. Young people get this intuitively. Many thousands of young professionals want a different professional education for themselves - in global health. Together with the leaders from poorer countries and the innovators around the world, they are creating a new global vision for health. Turning the World Upside Down is a search for understanding that helps us to see how Western Scientific Medicine, which has served us so well in the 20th Century, needs to adapt and evolve to cope with the demands of the 21st Century. It sets out a new vision and concludes by describing the actions we need to take to accelerate the change.

In light of growing discourse on 'frugal innovation', this book offers novel approaches to innovation based on extensive empirical research. The study complements a decade of scholarly attention on frugal innovation by taking a research-based approach to innovation in resource-scarce and complex institutional contexts. The findings suggest that concepts such as frugal, reverse, jugaad, social, grassroots and inclusive innovation in fact represent heterogeneous assemblies of innovation for social, environmental and economic value. The conceptual framework invites attention to more plural sources and elements in the study of models of innovation to inspire further research in the fields of strategy, innovation, entrepreneurship, economic

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sociology and development studies. The design framework offers models, metrics and competencies for practitioners and policymakers to identify, evaluate and design frugal innovations. The comprehensive view of frugal innovation demonstrates how firms can implement globally competitive strategies by pursuing innovation for humanity to improve lives for everyone, everywhere.

This book introduces readers to the concept of 'frugal innovation' and describes novel low-cost technologies that aid in diagnosing infectious diseases. Rapidly deployable, portable, and affordable diagnostic tools have the potential to tremendously benefit populations in resource-limited settings and improve global health outcomes. Specifically, the book includes the following features: Cutting-Edge Research: Thorough coverage of scientific advances related to frugal bioengineering that have been developed within the last few years. A few examples of technologies covered in detail include low-cost paper-based and CD-based microfluidic diagnostic systems. Industry and Non-Profit Voices: Chapters written by scientists currently working in industry and philanthropic sectors.

Global Surgery

How to do more with less

Leveraging Constraints to Drive Innovations on a Global Scale

Managing the Mismatch : an Outcome of the Priority Medical Devices Project

A Global Research Companion

Cost-Effective and Sustainable Solutions

Lead Market India

This book introduces the field of Responsible Innovation in Health (RIH) by clarifying its theoretical foundations and the practical approaches that enable the design and production of responsible medical devices, health and social care interventions, digital tools and solutions based on artificial intelligence. It brings a lasting impact on the ways innovation stakeholders think about and develop solutions to twenty-first century challenges, including the Sustainable Development Goals (SDGs).

Background papers 1 to 9 published as technical documents. Available in separate records from WHO/HSS/EHT/DIM/10.1 to WHO/HSS/EHT/DIM/10.9

This book discusses several product development strategies and tools employed by organizations around the world to implement frugal innovations. Over the past decade, frugal innovations have caught the attention of countless management scholars. This book comes at the right time for academics and practitioners alike, as it explores how the concept of frugal innovation has evolved over the past several years and is shifting its focus from merely featuring 'cost' driven innovations to being more 'resourceful' and 'sustainable' at its core. Furthermore, light of the ongoing digital revolution and emergence of new business models such as sharing economy and circular economy, the book

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highlights recent and upcoming trends and their impacts on frugal innovation strategies.

Innovation is sweeping the globe at breakneck speed, and emerging markets are where tremendous growth and opportunity reside. Jerry Haar and Ricardo Ernst delve into the forces and drivers that shape innovation in emerging markets and present case studies, along with a summation of the key features and outlook for innovation over the next decade.

Strategies for Emerging Economies

Responsible Innovation

Create Far From Home, Win Everywhere

An Inquiry Into Causes, Effects and Pathways of Affordable Excellence

Concepts and Tools for Sustainable Impact

Being A Biomedical Entrepreneur - Growth Of The Biomedical Industry

Frugal Innovation and the New Product Development Process

This book focuses on how companies are innovating with regard to the Bottom-of-the-Pyramid (BOP) - the lowest socio-economic segment, and the organizational conditions they need to be successful. The authors use several examples of disruptive innovations for this market, particularly in the Indian healthcare sector. Low-cost, specialty hospital chains like Aravind Eye Care and Narayana Hrudayalaya have brought down the cost of certain medical procedures significantly. The Indian conglomerate Tata Group and the American healthcare giant GE Healthcare have also developed affordable products targeted at the lowest-income segments in India. The authors present an in-depth analysis of these companies and present their insightful results on disruptive innovation and the ever-challenging BOP market.

Wow your customers . . . with "less." Cut costs-it's a common corporate refrain. But if you constantly slash expenditures, what happens to innovation? How can you stay competitive and satisfy customers? Costovation solves the dilemma of how to spend less and innovate more. The book's revolutionary approach broadens the definition of innovation beyond products to the business model itself. With costovation, you let go of assumptions, take a fresh look at the market, and relentlessly focus on what customers really want. Consider Planet Fitness-it grew to 7.3 million members by concentrating on casual exercisers. Those folks don't care about frills. They want easy, low-cost access to good equipment. Although it's inexpensive to run, Planet Fitness ranks highest in gym satisfaction. Gourmet grocer, Picard, sells only frozen food. With less perishable inventory, they compress costs while delighting a discerning but busy clientele. Packed with examples and interactive exercises, the book explores cost innovation strategies that work for big and small companies alike. From open innovation and cost-sharing to simplifying products and turning waste into new offerings-readers learn how rivals are carving out niches, protecting positions, and dominating industries. Innovation and cost-cutting are not opposites. Combined, they expose untapped opportunities to outsmart and underspend competitors.

Why do we need to understand healthcare innovation? -- Technology and innovation management, the nuts and bolts -- Innovation in healthcare : a special case? -- Innovation processes part 1 : developing and commercialising healthcare technologies -- Innovation processes part 2 : implementing and sustaining innovation in healthcare organisations -- Disruptive and frugal innovation in healthcare. we think we need it : but what is it? -- Healthcare innovation in a complex system

This groundbreaking book, by the bestselling authors of Jugaad Innovation, shows how India can harness the three megatrends -- the sharing economy, the maker movement and the circular economy -- and disruptive technologies such as AI and 3D printing to generate jobs

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and drive inclusive and sustainable growth in the decades to come. The world faces a stark challenge: meeting the needs of over 7 billion people without bankrupting the planet. India, with its large population and limited resources, is at the very epicentre of this challenge. It also offers a creative way out. Its resilient jugaad mindset, dynamic ecosystem of start-ups and enterprises, and the practice of NGOs and governments working together promises not only to meet its own requirements in a sustainable way but also the needs of billions around the world. Packed with over fifty case studies, Do Better with Less offers six proven principles that Indian entrepreneurs and businesses can use to co-create frugal solutions in education, energy, healthcare, food and finance that are highly relevant to India and the world. This book is India's guide to claiming global leadership in frugal innovation.

Responsible Innovation in Health

Innovation That Gives Your Customers Exactly What They Want--And Nothing More

Reverse Innovation

Managing the Responsible Emergence of Science and Innovation in Society

Medical Devices

Human

Frugal Innovations

Frugal Innovation in Healthcare How Targeting Low-Income Markets Leads to Disruptive Innovation Springer

Customers are increasingly seeking "low-cost, high-quality" or what is known as frugal products that meet the buyer's needs while reducing the associated cost of ownership. This book examines the developing principles and theories of frugal innovations across the globe. The authors identify frugal innovation (FI) using a multi-method approach to data analysis. They argue that the concept of frugality as a societal/ethical value has undergone several changes and propose a differentiated model of frugal innovations. They address frugal innovations that have never been accessible to the public. Hands-on case studies across multiple industry sectors and countries, supported by theory, provide multiple learning opportunities. The authors explore the relationship between FI and digitalization and technology, and discuss how FI can be applied in the context of contemporary issues such as food security. Further, they articulate the mechanisms by which FI beliefs and values can be incorporated into organizational culture. The final chapters address both ethical and controversial views of frugal innovation. The book is a valuable resource for students in business courses, for industry professionals wanting to improve their triple bottom line, and for educators wanting to influence and change the mind-sets of the younger generations to effectively deal with today's and tomorrow's challenges.

Frugal innovation is a way that companies can create high-quality products with limited resources. Once the preserve of firms in poor markets, Western companies are now seeking ways to appeal to cost-conscious and environmentally-aware consumers at home. With an estimated trillion-dollar global market for frugal products, and with potentially huge cost savings to be gained, frugal innovation is revolutionizing business and reshaping management thinking. This book

explains the principles, perspectives and techniques behind frugal innovation, enabling managers to profit from the global changes ahead. The book explains: How to achieve mass customization, using low-cost robotics, inexpensive product design and virtual prototyping software. How consumers and other external partners can help develop products How to implement sustainable practices, such as the production of waste-free products How to change the corporate culture to become more frugal

This book draws on a detailed history of a large German company (HELLA), now active in over 35 countries, employing 34,000 people and with a sales turnover of around 6,4bn.

Design for Tomorrow—Volume 2

Costovation

How to Make Value-Based Delivery Work

Healthcare, Frugal Innovation, and Professional Voluntarism

Frugal Innovation for Sustainable Growth

Frugal Innovation

Riding the Innovation Wave

Across the world, the demands placed on health systems are growing rapidly. Developed countries face the challenge of providing services to an ageing population with changing health needs, while countries with developing health systems must find ways of ensuring their populations are provided with access to healthcare. Innovative thinking is essential to meet these twin challenges, but innovation is both a cause and cure of many struggles in healthcare — we need it, but it is hard to manage and the introduction of new technology can lead to higher costs. Using real-life examples and case studies from around the world, this book introduces the latest thinking on understanding and managing healthcare innovation more effectively. It does this from the perspective of governments responsible for shaping health policy, healthcare organisations providing services and juggling competing demands, and from the perspective of the industries that supply the new drugs, devices and other technologies. Managing Innovation in Healthcare is the perfect accompaniment for MSc, PhD and MBA students on health policy, management and public health courses, as well as managers, consultants and policy makers involved in healthcare services in both the public and private sector.

Health-Care Solutions from a Distant Shore Health care in the United States and other nations is on a collision course with patient needs and economic reality. For more than a decade, leading thinkers,

including Michael Porter and Clayton Christensen, have argued passionately for value-based health-care reform: replacing delivery based on volume and fee-for-service with competition based on value, as measured by patient outcomes per dollar spent. Though still a pipe dream here in the United States, this kind of value-based competition is already a reality--in India. Facing a giant population of poor, underserved people and a severe shortage of skills and capacity, some resourceful private enterprises have found a way to deliver high-quality health care, at ultra-low prices, to all patients who need it. This book shows how the innovations developed by these Indian exemplars are already being practiced by some far-sighted US providers--reversing the typical flow of innovation in the world. Govindarajan and Ramamurti, experts in the phenomenon of reverse innovation, reveal four pathways being used by health-care organizations in the United States to apply Indian-style principles to attack the exorbitant costs, uneven quality, and incomplete access to health care. With rich stories and detailed accounts of medical professionals who are putting these ideas into practice, this book shows how value-based delivery can be made to work in the United States. This "bottom-up" change doesn't require a grand plan out of Washington, DC, agreement between entrenched political parties, or coordination among all players in the health-care system. It needs entrepreneurs with innovative ideas about delivering value to patients. Reverse innovation has worked in other industries. We need it now in health care.

This book draws on many years of research by the author involving collaborative work with various scholars and research institutions. It enables a different perspective on frugal innovations, as it draws on streams as varied as business management, sociology, psychology, philosophy, culture and engineering. This is missing in publications on frugal innovations so far. It is based on a mixed, multi-methods research approach (literature review, bibliometrics, expert interview, focus groups, case studies and conceptual work) in a multi-national context, providing rich insights.

As developed economies enter a period of slower growth, emerging economies such as India have become prime examples of how more can be achieved with less. Bringing together experience and expertise from across the healthcare industry, this book examines innovations that can bring about real advances in the healthcare industry. Innovations in Healthcare Management: Cost-Effective and Sustainable Solutions explores recent innovations in healthcare from a global and Indian perspective. Emphasizing the importance of Lean healthcare and innovation, it presents low-cost, high-volume solutions that improve access to care. Providing concrete examples of the five levels of innovation present in healthcare, the

book presents new concepts, methods, and tools for advancing processes and operational flow. It includes case studies of actual results in healthcare innovation from three continents that highlight emerging global trends in healthcare system innovation. The book describes how to organize resources and flows so that given targets, such as cost, clinical quality, and patient experience, can be achieved with available resources. It also covers nontraditional ecosystems of innovation that move outside of expected technological innovations, such as innovations in social persuasion, rural health delivery, and the planning and design of hospitals. The book maintains a focus on key issues across the healthcare industry—such as access to care, demand creation, patient experiences, and data—to help readers implement new ideas and new models of delivery of affordable care in healthcare systems around the world.

The search for global health in the 21st Century

Frugal Innovation for Healthcare

Turning the World Upside Down

How Should A Government Be?

Reverse Innovation in Health Care

Innovations in Services Marketing and Management: Strategies for Emerging Economies

Modern corporations face a variety of challenges and opportunities in the field of sustainable development. Properly managing assets and maintaining effective relationships with customers are crucial considerations in successful businesses. Innovations in Services Marketing and Management: Strategies for Emerging Economies presents insights into marketing strategies and tactical perspectives in both large and small enterprises. The chapters in this book explore case studies, contemporary research, and theoretical frameworks in effective business management, providing students, academicians, researchers, and managers with the resources and insight necessary to identify key trends in emerging economies and build the next generation of innovative services.

How should we understand the many reports that poverty is the mother of innovation in India? What has the role of austerity been in the development of India's knowledge economy? In this critical study of Indian innovation, or 'Indovation', Thomas Birtchnell explores how the complex mobilities of 'globals' with stakes in India have transformed

discourses and imaginaries about innovation in the region. He adopts a critical eye to the notion of Innovation by focusing on the various circuits of globals where India's knowledge economy is concentrated: expertise, entrepreneurship and community. Birtchnell traces the various discourses and counter-discourses around an Indian way of working and illustrates how differences in the international dimensions of austerity allow India's knowledge economy to prosper.

This publication reviews higher education and economic development in the State of Penang, Malaysia. It analyzes how the higher education system impacts the region's economic development.

This book explores in depth the phenomenon of user innovation in healthcare. In particular, the book sheds light on patient innovation, whereby patients and/or caregivers proactively develop and diffuse new products and services that provide health and quality of life benefits by addressing gaps in existing market offerings. The aim is to clarify the key characteristics of these innovative processes and to offer practitioners and policymakers tangible bottom-up evidence, solutions, and ideas that will assist in improving health systems, organizations, and practices. A number of important and interesting research questions are addressed, casting light on the types of products and services that tend to be developed by patient innovators, the typical profile of these innovators, the role played by firms, institutions, and health professionals, and the ways in which digital technologies support the dissemination of innovations among patient communities and within the industry. Beyond academic scholars and policymakers, the book will be of high value for students on master's programs in both medical sciences and business and economics.

Frugal Innovation in Healthcare

Global Midwifery: Principles, Policy and Practice

Transformation Strategy for Reverse Healthcare Frugal Innovation

Do Better with Less

Key Elements and Corporate Perspectives for Frugal Innovations

Frugal Innovation and Its Implementation

Indovation

This book is open access under a CC BY 4.0 license. This book investigates what international placements of healthcare employees in low resource settings add to the UK workforce and the efficacy of its national health system. The authors present empirical data collected from a volunteer deployment project in Uganda focused on reducing maternal and new-born mortality and discuss the learning and experiential outcomes for UK health care professionals acting as long term volunteers in low resource settings. They also develop a model for structured placement that offers optimal learning and experiential outcomes and minimizes risk, while shedding new light on the role that international placements play as part of continuing professional development both in the UK and in other sending countries.

This book showcases cutting-edge research papers from the 8th International Conference on Research into Design (ICoRD 2021) written by eminent researchers from across the world on design processes, technologies, methods and tools, and their impact on innovation, for supporting design for a connected world. The theme of ICoRD'21 has been "Design for Tomorrow". The world as we know it in our times is increasingly becoming connected. In this interconnected world, design has to address new challenges of merging the cyber and the physical, the smart and the mundane, the technology and the human. As a result, there is an increasing need for strategizing and thinking about design for a better tomorrow. The theme for ICoRD'21 serves as a provocation for the design community to think about rapid changes in the near future to usher in a better tomorrow. The papers in this book explore these themes, and their key focus is design for tomorrow: how are products and their development be addressed for the immediate pressing needs within a connected world? The book will be of interest to researchers, professionals and entrepreneurs working in the areas on industrial design, manufacturing, consumer goods, and industrial management who are interested in the new and emerging methods and tools for design of new products, systems and services.

This book is the first authoritative, in-depth publication about global midwifery and the contribution of skilled professional midwives to the provision of high quality maternity care, reductions in maternal and newborn mortality and morbidity. It demonstrates actions that are contributing to the achievement of the 2030 Sustainable Development Goals through partnership with women and their families, enabling them to 'survive, thrive and transform'. The book explores how the world is becoming more connected through globalisation, advances in technology and innovation and yet more inequitable as women and children are disproportionately affected by issues such as poverty, environmental vulnerability, hunger, conflict, violence, and discrimination. It considers how midwives contribute to maternal and newborn health, leading to greater equity and empowerment and, ultimately, strengthening health systems. The 'three pillars' of midwifery are discussed: regulation, education and professional midwives' associations. The importance of evidence-based care is explored along with different

models of midwifery and the challenges of developing professional leadership. This book also considers women's human rights to sexual and reproductive health and respectful maternity care, stressing the importance of cultural sensitivity and contextually appropriate approaches. Midwives and other professionals will benefit from this reliable resource that indicates direction and provides information about the principles and practice of professional midwifery. This text also provides universities, organisations, and individuals with a highly relevant resource to better equip them for international midwifery practice. It finally offers policy makers a reliable source of evidence-based information for consideration in various evolving national and international situations. .

This book explores the new product development process of firms developing frugal innovation for the base-of-the-pyramid (BOP) markets in developing countries. Frugal innovations are products characterised by an affordable price-point, durability, usability and core functionalities that are highly adapted to BOP consumers' needs. Frugal products have the potential to drive the development progress and living standards of low-income consumers. With an innovation framework developed from worldwide frugal case studies, this book provides detailed insights through two in-depth start-up firms in Indonesia that have successfully launched frugal products for the low-income market. These two start-ups have addressed two major development challenges for not just Indonesia, but also the global BOP market – traditional methods of cooking and access to clean drinking water. A detailed roadmap is developed from insights into the processes and management decisions of these two start-ups and combined with previous studies on frugal products. Providing a detailed roadmap across the different phases and stages of the new product development process when developing frugal products, this book will be insightful to not only innovators but also investors and government agencies supporting their activities.

Managing Innovation in Healthcare

Jugaad Innovation

Lessons from India's Innovation System

The Essentials

Strategies and Tools for the Identification and Evaluation of Frugal and Reverse Innovations in Healthcare

Higher Education in Regional and City Development: State of Penang, Malaysia 2011

Models, Means, Methods