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Financing during the Covid-19-Pandemic. Is Leasing an Alternative Option for IT Equipment? Deniz Ay 2021-12-03 Bachelor

Thesis from the year 2021 in the subject Business economics - Investment and Finance, University of applied sciences, Düsseldorf, language: English, abstract: The purpose of this paper is to introduce leasing as a financing alternative for IT equipment during the Corona pandemic and to provide an answer to the following research question: Did leasing gain relevance as a financing alternative during the Corona pandemic, and was it the appropriate type of financing for the companies? The Corona pandemic, which broke out in 2020, has endangered not only the health of many people but also the economic stability in Germany; many companies have become economically unstable as a result of the pandemic, as shown by the 4,8% drop in gross domestic product (GDP) in Germany. As a result, the federal government called for an economic shutdown to protect the population from the increasing number of Corona infections. The result was a massive drop in sales in many sectors like aviation and tourism. In addition, the German government's Corona Occupational Health and Safety Ordinance stipulates that employers are obliged to offer home offices, provided there are no operational reasons to the contrary. Therefore, the

necessary IT equipment for the employees was usually unavailable and had to be procured. This is in direct contrast to the lack of liquidity of the companies due to the multiple slumps in sales. This resulted in resorting to alternative financing options, such as leasing.

E-Learning during the COVID-19 Quarantine. A Constructive Technique?

Raman Kumar 2021-06-24 Academic Paper from the year 2021 in the subject Didactics - E-Learning, grade: 10.00, , language: English, abstract: This paper discusses E-learning as a new way of education during the lockdown of COVID-19 pandemic. The crisis caused by the lockdown has cast its shadow on the education system. Coronavirus has altered the lives of all persons. But, time to look at the positives. The most crucial human development oft the kids is related to the special e-technology adopted during this lockdown period. The modern learning technique, which is already increasing at all levels of education, is an alternative training method to a physical classroom model that employs a comprehensive set of applications and processes.

Covid - 19 Pandemic: Issues on Sustainable Development Goals

C.Subbulakshmi When the pandemic struck, family, education, and the economy all took a hit in terms of maintaining structural relationships. Even before the Pandemic, India's socio-cultural system had been facing numerous difficulties and changes as a result of political and economic

forces, Corona. Religion, the economy, and the political system have all played important roles in changing the social structure. Nutrition is also a significant concern. Nutrition is a science that is engaged in the prevention and treatment of a wide range of infectious and non-infectious disorders. A well-balanced diet aids in the improvement of general public immunity and, as a result, aids in the prevention of infection. During covid -19 infection, there are numerous illness conditions or comorbidities that present a significant problem. As a result of the COVID-19 epidemic, our society has undergone a rapid and deep digital transition. The epidemic prompted us to make a historic digital shift in our daily lives and activities, including our children's educational transfer from traditional to digital classroom practise. COVID-19 has the potential to alter the education system, affecting teaching/learning, research/innovation, community service/engagement, and the experience of staff and students. Domestic violence, on the other hand, is an age-old social tragedy that has long been kept from society's gaze. Domestic abuse affects people from all walks of life, regardless of their social, economic, religious, or cultural backgrounds. Threats, name-calling, preventing communication with family or friends, withholding money, actual or threatened physical harm, and sexual assault are just some of the behaviours that might be used. In the agricultural industry, an estimated 10 million migrant workers returned to their home countries in 2020, following the enforcement of the lockdown. Agriculture and related sectors grew by 3.4 percent in 2020-21, despite the fact that global economic growth slowed to -7.2 percent. During the Covid-19 pandemic, the food supply mechanisms were thrown off. As a result, the farming community as well as the economy's most vulnerable sectors are impacted. The government, NGOs, and individuals have discovered that they can have a significant impact on the environment. Our government is always emphasising the need of drinking pure water, especially during this pandemic. But we are lacking in drinking water supply to all areas. Pure drinking water is a solution for keeping ourselves away from infectious diseases. This pandemic epidemic has had several negative consequences, including as an increase in medical

waste, disinfectants, and the use of masks and gloves damaging the environment. In order to keep our ecosystem sustainable, suitable guidelines and planned measures must be applied to combat the epidemic and maintain environmental harmony. Covid-19's current predicament has thrown the world's socio-cultural structure, as well as its work culture, into disarray. The sanitary, safety, and health procedures have beyond any local culture's norms. To protect the world from the extremely infectious coronavirus, a new global culture has arisen. The use of facemasks, hand gloves, and hand sanitizers, as well as physical separation, has become the new normal. The present situation has given thrust to the virtual world and various steps have been taken by the government to increase the contactless experience.

Strategic Innovative Marketing and Tourism in the COVID-19 Era
Androniki Kavoura 2021-03-19 This book presents the latest findings of researchers from around the globe who presented their work at the 9th International Conference on Strategic Innovative Marketing and Tourism in the Covid-19 era. It provides up-to-date information and discusses current trends, issues, and debates, as well as theoretical and practical research, on strategic innovative marketing and tourism and applications from social media. Topics covered include social media in marketing and tourism hospitality, and strategic tools and techniques developed and implemented by some of the world's leading research labs. In addition, the book brings together work from academia and industry.

Handbook on the Least Developed Country Category United Nations Department of Economic and Social Affairs 2021 The Handbook on the Least Developed Countries (LDCs) prepared by the Secretariat of the Committee for Development Policy. It responds to the need to make the methods and approaches used in the identification of LDCs, and the international support measures available to them, known to a wide range of stakeholders. The 4th edition builds upon the 2018 edition, and has been updated to reflect recent developments in the LDC category, including the progress of several countries towards graduation from the category amidst the COVID-19 pandemic. This edition contains additional information on international support measures, in particular on "smooth

transition" provisions for countries graduating from the LDC category. *When the World Went Inside* Charlie Golding 2020-05-05 Theo loves his life just the way it is. He loves camping Gardening with Granny Hanging out at the beach And having sleepovers at his friends' houses. Suddenly Theo can't do what he loves (and he is not at all happy about it!) When the World Went Inside is there to help kids understand why their lives have had to be so altered by Covid19. The story acts as a conversation starter between adults and children whilst reassuring everyone that this will not be forever. This gently written book doesn't shy away from a difficult subject. It attempts to find the fun without making fun of this profound and sensitive topic.

COVID-19 and SARS-CoV-2 Srijan Goswami 2022-07-11 Since the end of December 2019, the world has been battling with a global health emergency called COVID-19. This ongoing pandemic has claimed millions of lives worldwide and made a serious impact on global healthcare. The information and facts about the virus and the pandemic are constantly evolving, expanding and are present in a scattered manner. Above all, various rumors and false information are also spreading through word of mouth or social media in relation to the pandemic. In situations like this, it becomes hard for a common person as well as professionals to keep track of the fundamental concepts, ongoing scientific advancements and differentiate between the facts and myths. *COVID-19 and SARS-CoV-2: The Science and Clinical Application of Conventional and Complementary Treatments* covers the fundamental concepts regarding SARS-CoV-2 and COVID-19 as well as common concerns and issues ensuring optimal understanding of the latest basic science and clinical content. The comparative coverage of Conventional Medical Science with Complementary and Alternative Systems of Medicine in relation to the ongoing pandemic makes this book unique compared to other books available on COVID-19. Written in textbook format and in semi-technical style, it provides basic to advanced concepts and multidimensional clinical perspectives keeping in mind the diverse needs of academicians, researchers, students and common people. Key Features: Contains simple, lucid and concise presentation of contents Emphasizes core

knowledge and concepts Presents evidence based and up to date information from a multidisciplinary perspective Includes illustrations with good quality diagrams and colored photographs for ease of understanding. COVID-19 and SARS-CoV-2 covers concepts and protocols from holistic perspective relating to core Molecular Biology of SARS-CoV-2, Clinical and Therapeutic Aspects, Multidisciplinary Treatment and Management Strategies like Conventional Pharmacological Treatments, Vaccines, Ayurveda, Homoeopathy, Holistic Nutrition Therapy, Nutraceutical Therapy, Biochemic Medicine, and Issues and Concerns relating to Public Health and Ongoing Advances in Research in relation to COVID-19. Written in semi-technical language easily understandable by readers from all domains, this book provides multidisciplinary perspective, knowledge and understanding regarding COVID-19 in one place, thus bridging the knowledge gap that exists between Conventional Sciences and Complementary and Alternative Medicine Systems.

Fashion Conscious Sarah Klymkiw 2020-08-20

Point-of-Care Testing of COVID-19 Abilash Gangula 2022-09-24 This book highlights the role of point-of-care (POC) testing in the effective management of the coronavirus disease 2019 (COVID-19) pandemic with an in-depth focus on the recent developments in the field, existing gaps, and future directions. POC tests are of utmost importance as they facilitate rapid and decentralized testing without much instrumentation and technical expertise. The book describes the current status of POC COVID-19 testing in three broad categories: Molecular, antigen, and antibody. The advantages, limitations, and adaption of each of the POC tests are reviewed while highlighting their clinical impact in real-world settings. The role of POC testing for COVID-19 screening, diagnosis, and surveillance has been emphasized. The subtle difference between POC and at-home tests is discussed while elaborating on the necessity for the latter for enhancing clinical impacts. A spotlight on the influence of variants on the performance of POC-COVID-19 tests is provided. The consideration of clinical implications of POC testing in hospitals with regards to improving therapeutic options, patient flow, enhancing the

infection control measures, and early recruitment of patients into clinical trials is explained. Finally, the future perspectives that will aid the research community in the development of POC tests for COVID-19 or any infectious disease, in general, are presented. Overall, we believe this book can benefit the research community as it (i) presents a comprehensive understanding of current COVID-19 POC testing methods (ii) highlights features required to transform the current tests developed during the past year as POC diagnostics, and (iii) provides insights to address the unmet challenges in the field.

3D Printing in Medicine and Its Role in the COVID-19 Pandemic Frank J. Rybicki 2021-01-11 This book describes how “makers” with no medical experience became and remain clinically important because they utilized 3D printing to produce supplies for healthcare, including medical and non-medical devices, and to improve the quality of life for patients with COVID-19 and those who care for them. It shows how 3D printing became vital during the pandemic due to its broad availability and the inherently digital nature of the work that enables thriving digital exchanges and work in isolation. Subsequent chapters highlight some of the “maker” communities' efforts that made a difference in their part of North America. Each contribution describes the unique experiences, challenges, and successes. While this book is written and edited mostly from a medical perspective, additional input from medical engineers, administrators, attorneys, and public safety officials enables a broad perspective to highlight some of the ingenuity from the North American 3D printing community who responded to the initial case volumes of COVID-19.

Till We Win Chandrakant Lahariya 2020-11-23 When will India win the fight against the COVID-19 pandemic? How long do we have to use masks? When can we expect a safe and effective vaccine? Do we need to wear masks even after we get a vaccine? What if there is no definitive treatment against COVID-19? How can we protect our family from this disease? How should we respond to this 'new normal' as an individual and as a community? What is the way forward? Offering insights on how India continues to fight the pandemic, Till We Win is a must-read for

everyone. It is a book for the people, for political leaders, policymakers and physicians, with the promise and potential to transform public health in India.

Within the Lack of Chest COVID-19 X-ray Dataset: A Novel Detection Model Based on GAN and Deep Transfer Learning

Mohamed Loey The coronavirus (COVID-19) pandemic is putting healthcare systems across the world under unprecedented and increasing pressure according to the World Health Organization (WHO). With the advances in computer algorithms and especially Artificial Intelligence, the detection of this type of virus in the early stages will help in fast recovery and help in releasing the pressure off healthcare systems.

Comprehensive Study on the Impact of COVID-19 on the Least Developed Country Category Vereinte Nationen Committee for Development Policy 2021 Upon request of the Economic and Social Council of the United Nations, the Committee for Development Policy undertook a comprehensive study on the impact of COVID-19 on the LDC category. It has two main intended uses. First, it is an input to the 2021 triennial review, meant to enable the Committee to incorporate fully into its triennial reviews the impact of the COVID-19 crisis on LDCs and countries graduating from the LDC category. Second, it is an input to a possible contribution by the Committee to the forthcoming fifth United Nations Conference on the Least Developed Countries, to be held in Doha from 23 to 27 January 2022. As a result, the study contains suggestions for support for LDCs and graduating countries in the light of the COVID-19 pandemic. The study consists of three main chapters. Chapter II contains a review of the impacts of COVID-19 in LDCs. Chapter III discusses the implications on LDC graduation by exploring the multiple linkages between the COVID-19 pandemic and the LDC criteria. Chapter IV contains a review of ongoing international support for LDCs to address the COVID-19 pandemic, covering bilateral and multilateral institutions.

The Tribute of Physiology for the Understanding of COVID-19 Disease

Georges Leftheriotis 2021-11-23
Agri-food trade trends in Papua New Guinea: Reflections on COVID-19

policies and dietary change Schmidt, Emily 2020-09-04 The onset of the COVID-19 pandemic has presented a unique challenge to governments across the globe, reinforcing the need to improve understanding of domestic and international trade trends to provide more informed options for policy response. Papua New Guinea's growing international trade in food and other agricultural products will continue to be important to overall food security outcomes among rural and urban households in the country. Rural households that produce key export cash-crops, such as coffee, cocoa, or palm oil, depend on the cash economy to supplement their food consumption, while urban households depend on rice and other agri-food imports, as well as domestic goods, for consumption. This project note focuses on trends in agrifood imports and exports during the last two decades to better evaluate potential changes in import demand and export potential for PNG. In doing so, it informs an upcoming economy-wide multi-market model analysis that will evaluate a variety of potential shocks to PNG's agri-food system on household welfare in order to identify policies to manage potential food security threats. The COVID-19 pandemic is one of many diverse shocks that may adversely affect the economy of PNG over the next decade. The expansion of a portfolio of organized databases, analytical tools, and policy resources, such as the multimarket model, is warranted to facilitate real-time policy analyses to inform key development investments and initiatives.

[The Impact of the COVID-19 Pandemic on Education](#) International Association for the Evaluation of Educational Achievement 2022-01-25

Viral: Moving On D. T. Adams 2022-02-22 The COVID-19 pandemic: uncensored observations, mini stories and more A collection of writings about the catastrophe that was the COVID-19 pandemic. The pieces of writing in this collection are presented in three categories: - Post-Lockdown. Feeling sick and tired of invasive rules, struggling to adjust to the official way of doing things and holding the firm belief that this new approach to life will soon end. These are three key aspects of the period when we took the risky step of going back to normal. Post-Lockdown is about claiming victory over the virus and resuming our lives free from

worry - Lessons. Should we see ourselves as vulnerable to life? Ought we to disregard the old and value the new? Is it sensible to follow rules with no questions asked? These are three of the many questions to consider as we try to live our best lives going forward. Lessons asks whether we've made mistakes and what we can take into account to improve our lives - The Future. Is normality guaranteed to resume? Will another virus come along and cause another worldwide catastrophe? When will the world have truly conquered COVID-19? These are three of the many questions to consider as we embrace defiance and move on. The Future looks at how much longer the virus is going to play a role in our lives and whether we'll have the backbone to shake it off for good We've all been affected by the pandemic and the staggering ways it's changed our lives. We all have something to say about it. Here's some of what I have to say. If you're after a social commentary that gets you thinking about the horrific pandemic, you'll enjoy reading *Viral: Moving On*. Buy now and see what I have to say about conquering the virus and getting on with our lives.

Gendered impacts of COVID-19: Insights from 7 countries in Sub-Saharan Africa and South Asia Alvi, Muzna Fatima 2022-02-18 It is widely recognized that periods of crisis affect men and women differently, mediated by their access to resources and information, as well as social and institutional structures that may systematically disadvantage women from being able to access relief, institutional support, and rehabilitation. To capture the gendered impacts of the COVID-19 pandemic and lockdowns, we conducted phone surveys in seven countries spread across Asia and Africa. The study was designed as a longitudinal panel study with five rounds of data collection in Ghana, Nepal, Nigeria, and Senegal, and three rounds of data collection in Kenya, Niger, and Uganda. Both men and women were administered the same survey, with some modifications made across countries to adapt to local contexts. This report gives an overview of our findings covering several topics including income loss, coping strategies, labor and time use, food and water insecurity and child education outcomes. We find widespread reports of income loss, which declined over time, but

increased again as countries experienced a resurgence in COVID-19 cases and fatality. We find that households first depleted savings when faced with income loss and over time, use of savings reduced while other measures began to be adopted. Women reported greater food and water insecurity compared to men, including worrying about insufficient food and eating less than usual. This is particularly worrying since a large proportion of women also did not have adequately diverse diets. Moderate to severe water insecurity was reported in many of the countries, and as with food insecurity, women were more likely to report issues with accessing water for drinking and other household activities. In some countries, additional modules were added to capture country specific issues of policy relevance, such as agriculture extension, mental health, and child marriage. The results make it clear that proactive investments will be needed, including social safety nets, favorable credit policies, nutrition and water investments, to ensure that the crisis does not further widen the gender gap in resources and achievements in rural areas of low- and middle-income countries.

Palliative Care, Trials and COVID-19 Tribulations Cheng Hoon Chew 2021-09-09 The COVID-19 pandemic started more than a year ago, but until today, we did not have a definitive cure for this disease. The SARS-CoV-2 virus constantly mutated over time, infecting more people and causing tremendous stress on the existing scarcity of healthcare resources all around the world. Here, the experts from ground zero will share their first-hand experience of clinical trials looking for a cure for COVID-19, like the WHO's Solidarity Trial and the role of palliative care in COVID-19 as part of humanitarian crisis management.

COVID-19 and Speech-Language Pathology Louise Cummings 2022-10-19 This collection is the first of its kind to examine the impact of the COVID-19 pandemic on the caseloads and clinical practice of speech-language pathologists. The volume synthesises existing data on the wide-ranging effects of COVID-19 on the communication, swallowing, and language skills of individuals with COVID infection. Featuring perspectives of scholars and practitioners from around the globe, the book examines the ways in which clinicians have had to modify their

working practices to prioritise patient and clinician safety, including the significant increase in the use of telepractice during the pandemic. The volume also reflects on changes in training and education which have seen educators in the field redesign their clinical practicum in order to best prepare students for professional practice in an age of COVID-19 and beyond, as the field continues to grapple with the long-term effects of the pandemic. Offering a holistic treatment of the impact of COVID-19 on the work of speech-language pathologists, this book will be of interest to students, researchers, and clinicians working in the discipline.

Chinese Computational Linguistics Sheng Li 2021 This book constitutes the proceedings of the 20th China National Conference on Computational Linguistics, CCL 2021, held in Hohhot, China, in August 2021. The 31 full presented in this volume were carefully reviewed and selected from 90 submissions. The conference papers covers the following topics such as Machine Translation and Multilingual Information Processing, Minority Language Information Processing, Social Computing and Sentiment Analysis, Text Generation and Summarization, Information Retrieval, Dialogue and Question Answering, Linguistics and Cognitive Science, Language Resource and Evaluation, Knowledge Graph and Information Extraction, and NLP Applications.

Assessing the impacts of the COVID-19 pandemic on the livelihoods of rural people Sitko, N., Knowles M., Viberti, F., Bordi, D. 2022-03-14 In this paper we focus specifically on differences in the welfare impacts of COVID-19 on rural livelihoods between countries using nationally representative data that we disaggregate by food system typology. This typology captures key structural differences in the organization of rural economies and the vulnerabilities to rural livelihoods due to the COVID-19 pandemic and associated lockdown measures. In particular, we draw on household survey data collected from 54 countries through the World Bank's COVID-19 High Frequency Monitoring Dashboard to generate descriptive data on COVID-19 impacts in rural areas across three dimensions: income, coping strategies and food security. These descriptive data are disaggregated into four food system categories and

contextualized and validated through a systematic review of rigorous, survey-based studies of COVID-19 impacts in rural areas. Through this analysis, the report provides insights on how COVID-19 is influencing rural livelihoods, how its impacts vary between countries and food system typologies, and, ultimately, how policymakers and the international community need to respond in order to foster an inclusive and sustainable recovery.

The Regeneration of Earth. A Positive Effect of the COVID-19 Lockdown
Raman Kumar 2021-06-24 Scientific Study from the year 2021 in the subject Environmental Sciences, grade: 10.00, , language: English, abstract: This paper analyses how the earth is able to heal due to the COVID-19 lockdown. Humans' life and activities have always been influenced by Earth's climate from the first stages of its existence. World population concentration is confined in a relatively small region where the climate conditions are most favourable to human life and activities. Although the inhabited area is increasing gradually, the areas with less favourable conditions are developing relatively slow. It imposes more and more stress on the natural resources available on the Earth's limited field. Agricultural activities, the backbone of the economy of many countries, depend primarily on the weather and climate of a particular area.

Leadership after COVID-19 Satinder K. Dhiman 2022-03-05 The COVID-19 pandemic has permanently changed lives around the world and no dimension of life and leadership seems to have been spared from its wrath. It has also stirred us into thinking about novel approaches to lead organizations and societies toward a shared, sustainable future. This book offers novel perspectives on leadership and change management after the COVID-19 pandemic that take us beyond striving for thriving—perspectives that are grounded in emergent theory, research and practice. It highlights sustainable leadership and change management strategies to effectively deal with unpredictable and rapidly changing situations—particularly in a world that is increasingly volatile, uncertain, complex, and ambiguous (VUCA). This book also highlights engaging perspectives by specialists from different disciplines such as

business, psychology, education, and health care. It serves as a practical guide in identifying and responding to leadership challenges and opportunities in each of the four VUCA categories of volatility, uncertainty, complexity, and ambiguity—and how they affect businesses, organizations, and societies as a whole.

Tracking Economic and Financial Policies During COVID-19: An Announcement-Level Database Mr. Divya Kirti 2022-06-03 We introduce a new comprehensive announcement-level database tracking the extraordinary fiscal, monetary, prudential, and other policies that countries adopted in response to Covid-19. The database provides detailed information, including sizes where available, for 28 granular policies adopted by 74 countries during 2020. About 5,500 policy measures were announced during this period. Importantly, the database is organized and presented in a format easy for researchers to use in empirical analyses. Announcements were highly correlated across the broad fiscal, monetary, and prudential categories and at more granular levels. Advanced economies (AEs) introduced larger fiscal measures than emerging and developing economies (EMDEs) and relied primarily on large unconventional monetary policies. Bank capital requirements were relaxed widely in both AEs and EMs, while relaxation of provisioning requirements was more common among EMs. Supervisory expectations and reporting requirements were widely relaxed.

Contention over contagion: Citizen responses to COVID-19 policies Resnick, Danielle 2021-02-05 At the outset of 2021, COVID-19 continues to test the limits of state-society relationships in much of the developing world. On January 7, Senegal's capital Dakar experienced violent demonstrations opposing a nighttime curfew imposed by the government under a new state of emergency law intended to limit the spread of the coronavirus (Ollivier 2021). A week later, Tunisia implemented a new national lockdown, sparking successive nights of rioting in various cities across the country that prompted intervention by the army. In both cases, grievances over the economic impacts of movement restrictions motivated protesters (Cordall 2021).

Quarantine Life from Cholera to COVID-19 Kari Nixon 2021-06-15 For

readers of Mary Roach and Jared Diamond, an innovative look at the histories of different epidemics and what it meant for society, alongside what lessons different diseases have to teach us as society battles the novel coronavirus. Throughout history, there have been numerous epidemics that have threatened mankind with destruction. Diseases have the ability to highlight our shared concerns across the ages, affecting every social divide from national boundaries, economic categories, racial divisions, and beyond. Whether looking at smallpox, HIV, Ebola, or COVID-19 outbreaks, we see the same conversations arising as society struggles with the all-encompassing question: What do we do now? In “poignant yet relevant detail” (Niki Kapsambelis, author of *The Inheritance*), *Quarantine Life from Cholera to COVID-19* demonstrates that these conversations have always involved the same questions of individual liberties versus the common good, debates about rushing new and untested treatments, considerations of whether quarantines are effective to begin with, what to do about healthy carriers, and how to keep trade circulating when society shuts down. This vibrant social and medical history tracks different diseases and outlines their trajectory, what they meant for society, and societal questions each disease brought up, along with practical takeaways we can apply to current and future pandemics—so we can all be better prepared for whatever life throws our way.

Clinical Synopsis of COVID-19 Hemanshu Prabhakar 2020-10-05
Corona virus disease or COVID-19 or SARS-CoV-2 infection is the latest pandemic that has affected humans globally. The disease has manifested itself in several forms and is now the focus of research worldwide. This book covers all the clinical aspects of the novel corona virus disease, COVID-19, which is one of the most contagious diseases ever known. It includes topics related to basic sciences, such as the virology and pathophysiology of the SARS-CoV-2 disease. It includes chapters related to symptomatology of the disease and making diagnosis, preparation of the health care workers to deal with this global pandemic. The book includes chapters on anesthetic and intensive care management of COVID-19 disease victims as these topics are of vast importance.

Additionally, it includes a chapter giving insight in to the ethical aspects of the issues raised regarding disposal of bodies of the victims, as this pandemic has taken many lives across the world. It includes a chapter on special considerations to patient population such as geriatrics, pediatrics and pregnant women. The book serves as a useful resource for practitioners and clinicians in any field of medicine. It is also relevant for residents, trainees, fellows pursuing their courses in emergency medicine, anesthesia and critical care as well as postgraduates and even undergraduates. The book will serve as a ready-reckoner and useful guide for physicians from varied specialties during their clinical practice. *Sonovia* Arpita Agnihotri 2022 The case is about an innovative face mask, SonoMask, launched by Sonovia Ltd. (Sonovia), an Israeli company co-founded by Shay Hershovich and Shuki J. Hershovich. The SonoMask Sono-finishing technology was patented and was believed to offer protection against the spread of COVID-19 infection. Bar-Ilan University in Israel provided the technology for SonoMask. Sonovia personnel believed the technology to be revolutionary and much improved over previous textile binding technology such as wet processing. SonoMask was marketed as the world's first reusable antiviral face mask. By December 2020, the co-founders explored ways to further apply the technology in other product lines ranging from Personal Protective Equipment (PPE) to carpets to car seat covers. How should the co-founders prioritize applying technology to different product categories? **Economic Impact of the COVID-19 Pandemic in India** Harish Kumar Banga 2020-09-21 Scientific Study from the year 2020 in the subject Economics - International Economic Relations, grade: 10.0, , language: English, abstract: This paper discusses the impact of the COVID-19-Pandemic on economy in India. As the new budgetary year starts, the Coronavirus has tainted over a million people above 200 nations a scourge defying the entirety of humankind. It affects ways of life, organizations, economies, and the supposition of regular prosperity that we all have to a great extent underestimated. Indeed, even before the beginning of this pandemic, the worldwide economy was going up against chopiness by interruptions in exchange streams and weakened

development. The circumstance has now been bothered by the interest, flexibly and liquidity stuns that COVID-19 has dispensed. When the pandemic is controlled, the shape and speed of the recuperation in the U.S. what is more, China will among the key variables deciding the nature and footing of worldwide monetary recuperation. It is our desire as of now that the course of monetary recuperation in India will be smoother and quicker than that of numerous other propelled nations.

The Covid-19 Conundrum David Klooz 2020-05-29 If you want to be scared, buy this if only to read the last four chapters on biological level 3 and 4 labs and biological warfare. If you do not want to do that, research it yourself. You will be enlightened and scared beyond belief. I began writing the book because of my interest and confusion about what has been taking place around the globe since the year 2020 began. The West went from hearing about Jeffrey Epstein being murdered in his prison cell and Prince Andrew lying worldwide during an interview to the continual broadcasts of Covid-19 - a plague of biblical proportion that was on its way to kill millions, as reported by the mass media. It still is being reported over and over but now added is - the second wave, how bad will it be? How bad was the first one? I worked in the field of public health for 32 years, the last 10 years as Associate Commissioner of Public Health in a Canadian Public Health Department responsible for a population of close to one-half million people. If I learned one thing over those years it is that only programs, strategies and interventions that are evidence based work. Anything else is so much window dressing. One excellent example is school nurses. Why is that program still in place? Because it always has been that way. Window dressing. The more I researched Covid-19 the more, rather than less, confused I became. Testing was flawed, the science was more than bad, data was all over the place, methodologies were different, and interventions, like lockdowns and closures, were anything but, evidence based. Of all the countries, Sweden came the closest to reacting with strategies that were evidence based. In all my years of public health practice, the great majority of those at risk were the always the aged, the young, those with chronic illnesses, and those in the low socioeconomic category, now getting to be

the largest category in the population. Those people were always targeted during cold alerts, heat alerts, smog alerts, etc., etc. Mass closures of work and schools were never a thought. Why this time? What I will show you in this book or story is merely a number of real facts and interviews, mostly not reported by the mass media, including strange and flawed data, reversals in decisions based upon nothing tangible and rumors and innuendos. There is something very wrong in this entire story, something that is being covered up and not reported. I have some thoughts but not enough evidence to arrive at any solid conclusion. So while I am not supporting any particular theory, I hope if you are able to read some of the research and news stories that have been documented that you will have a better sense of what is happening and what is now, or will be, hidden, possibly under the, now always present, label of 'National Security'.

China's Formal Online Education under COVID-19 Zehui Zhan 2021-09-28 This book investigates how schools, enterprises and families in China have coped with the formal online education in the light of government policy throughout the COVID-19 epidemic outbreak, with special focus on the problems they have encountered and possible solutions. Using grounded theory, over 1000 posts retrieved from public online forums were analyzed under a 4*4 framework, referring to four special time nodes (proposal period, exploratory period, full deployed period, exiting period) and four major subjects (government, schools, enterprises, families). The book identifies four main issues faced by massive online education during the epidemic: platform selection in proposal period, teacher training in exploratory period, resource integration in full deployed period, and flexibility of returning to schools in exiting period. These findings enlighten us with a deeper understanding of the process of online learning in an educational emergency, helping to develop best countermeasures in similar situations, as well as to provide paths to follow for other countries. The book will appeal to teachers, researchers and school administrators of the online education and education emergency management, as well as those who are interested in Chinese education during the COVID-19

outbreak in general.

Viral D. T. Adams 2021-03-29 The COVID-19 pandemic: uncensored observations, mini stories and more A collection of writings about the catastrophe that was the COVID-19 pandemic. The pieces of writing in this collection are presented in three categories: - Lockdown. Restricted movement, common activities banned and socialising outlawed. These are three key aspects of the brutal, draconian rules we had to live by. Lockdown looks at life under severe, often debilitating restrictions - The Government. Wreaking havoc with a few choice words, allowing our lives to go into meltdown and exercising a frightening amount of power. These are three things governments did in an attempt to protect us from the deadly virus. The Government questions and criticised many decisions made by our daring leaders - The Media. Inducing terror with overly dramatic headlines, encouraging us all to panic and making us see the harmless as hazardous. These are three things the media did while the virus continued its assault on the world. The Media is all about the official reporting of the pandemic and how it affected our approach to it The pandemic affected us all and changed our lives in breathtaking ways. Everyone has thoughts, opinions and beliefs to do with it. Here are mine. If you're after a social commentary that gets you thinking about the nightmare pandemic, you'll enjoy reading Viral. Buy now and see what I have to say about the virus that plunged the world into a crisis situation like no other.

COVID-19 in rural Malawi: Perceived risks and economic impacts rounds 1-4 Leavens, Laura 2021-12-13 This project note discusses findings from a panel phone survey in Malawi in which respondents were asked about their perceptions of the risks and impacts of COVID-19. Previous findings from the first and second rounds of the survey were discussed in two previous project notes. This note focuses on changes in indicators across rounds, using only panel households. The panel comprises households in eight rural districts in Malawi who were interviewed four times between July 2020 and July 2021. This study builds on a survey originally designed to measure seasonal changes in labor activities. However, as the pandemic spread, the survey was modified to include questions about

COVID-19's risks and impacts on their lives.

Applied Big Data Analytics and Its Role in COVID-19 Research

Zhao, Peng 2022-04-29 There has been a multitude of studies focused on the COVID-19 pandemic across fields and disciplines as all sectors of life have had to adjust the way things are done and adapt to the constantly shifting environment. These studies are crucial as they provide support and perspectives on how things are changing and what needs to be done to stay afloat. Connecting COVID-19-related studies and big data analytics is crucial for the advancement of industrial applications and research areas. Applied Big Data Analytics and Its Role in COVID-19 Research introduces the most recent industrial applications and research topics on COVID-19 with big data analytics. Featuring coverage on a broad range of big data technologies such as data gathering, artificial intelligence, smart diagnostics, and mining mobility, this publication provides concrete examples and cases of usage of data-driven projects in COVID-19 research. This reference work is a vital resource for data scientists, technical managers, researchers, scholars, practitioners, academicians, instructors, and students.

Women of the Pandemic Lauren McKeon 2021-04-27 The story of the pandemic is the story of women. This riveting narrative offers an account of COVID-19, reminding us of women's leadership and resilience, reflecting back hope and humanity as we all figure out a new normal, together. Throughout history, men have fought, lost, and led us through the world's defining crises. That all changed with COVID-19. In Canada, women's presence in the response to the pandemic has been notable. Women are our nurses, doctors, PSWs. Our cashiers, long-haulers, cooks. In Canada, women are leading the fast-paced search for a vaccine. They are leading our provinces and territories. At home, they are leading families through self-isolation, often bearing the responsibility for their physical and emotional health. They are figuring out what working from home looks like, and many of them are doing it while homeschooling their kids. Women crafted the blueprint for kindness during the pandemic, from sewing masks to kicking off international mutual-aid networks. And, perhaps not surprisingly, women have also suffered some

of the biggest losses, bearing the brunt of our economic skydive. Through intimate portraits of Canadian women in diverse situations and fields, *Women of the Pandemic* is a gripping narrative record of the early months of COVID-19, a clear-eyed look at women's struggles, which highlights their creativity, perseverance, and resilience as they charted a new path forward during impossible times.

Health Technologies and Innovations to Effectively Respond to the COVID-19 Pandemic Björn Wolfgang Schuller 2022-03-10

Community Health Workers Practice From Recruitment to Integration Julie Ann St. John 2022-03-21

Artificial Intelligence in Cardiothoracic Imaging Carlo N. De Cecco 2022-04-22 This book provides an overview of current and potential applications of artificial intelligence (AI) for cardiothoracic imaging. Most AI systems used in medical imaging are data-driven and based on supervised machine learning. Clinicians and AI specialists can contribute to the development of an AI system in different ways, focusing on their respective strengths. Unfortunately, communication between these two sides is far from fluent and, from time to time, they speak completely different languages. Mutual understanding and collaboration are imperative because the medical system is based on physicians' ability to take well-informed decisions and convey their reasoning to colleagues and patients. This book offers unique insights and informative chapters on the use of AI for cardiothoracic imaging from both the technical and clinical perspective. It is also a single comprehensive source that provides a complete overview of the entire process of the development and use of AI in clinical practice for cardiothoracic imaging. The book contains chapters focused on cardiac and thoracic applications as well more general topics on the potentials and pitfalls of AI in medical imaging. Separate chapters will discuss the valorization, regulations surrounding AI, cost-effectiveness, and future perspective for different countries and continents. This book is an ideal guide for clinicians (radiologists, cardiologists etc.) interested in working with AI, whether in a research setting developing new AI applications or in a clinical setting

using AI algorithms in clinical practice. The book also provides clinical insights and overviews for AI specialists who want to develop clinically relevant AI applications.

Synopsis: Assessing the impacts of COVID-19 on household incomes and poverty in Rwanda: A microsimulation approach Diao, Xinshen 2021-07-27 In Rwanda, as elsewhere, different types of households experienced the economic effects of COVID-19 differently. We use a microsimulation approach to show the importance of these differences to better understand COVID-19's impacts on their income and poverty status. Main results: Nationally, during the lockdown period between March and May 2020, the simulation results estimate declines in household income by 33 percent on average. The urban population experienced the largest declines, averaging 40 percent during this period. Unlike patterns seen with other shocks, middle-income households experienced the sharpest declines in income during the lockdown of an estimated 33 to 35 percent. The share of individuals falling into poverty was highest among those in urban, middle income (Ubudehe 2) households (27 percent). However, the greatest absolute number of individuals in poverty remained concentrated in rural areas during the lockdown. Poor individuals in the lowest expenditure quintile remain in the most severe poverty, with average expenditures during the lockdown estimated at 54 percent below the poverty line. Under both the fast and slow post-COVID economic recovery scenarios used in the simulations, household incomes nearly return to pre-COVID levels for all household categories by the end of 2020. However, these results do not capture the potential longterm impacts of the substantial shocks of the pandemic to incomes, assets, and individual wellbeing. These modeling results suggest that targeting should be a central component of the design and implementation of social protection programs and economic recovery policies to support a diverse set of beneficiaries. These beneficiaries include rural farming households and poor households, as well as nonagricultural household, and households in the middle expenditure quintiles.