

Interval International Week Calendar 2015

An invaluable resource for working programmers, as well as a fount of useful algorithmic tools for computer scientists, astronomers, and other calendar enthusiasts, The Ultimate Edition updates and expands the previous edition to achieve more accurate results and present new calendar variants. The book now includes coverage of Unix dates, Italian time, the Akan, Icelandic, Saudi Arabian Umm al-Qura, and Babylonian calendars. There are also expanded treatments of the observational Islamic and Hebrew calendars and brief discussions of the Samaritan and Nepalese calendars. Several of the astronomical functions have been rewritten to produce more accurate results and to include calculations of moonrise and moonset. The authors frame the calendars of the world in a completely algorithmic form, allowing easy conversion among these calendars and the determination of secular and religious holidays. LISP code for all the algorithms is available in machine-readable form. This book constitutes the refereed proceedings of three workshops held at the 19th International Conference on Financial Cryptography and Data Security, FC 2015, in San Juan, Puerto Rico, in January 2015. The 22 full papers presented were carefully reviewed and selected from 39 submissions. They feature the outcome of the Second Workshop on Bitcoin Research, BITCOIN 2015,

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the Third Workshop on Encrypted Computing and Applied Homomorphic Cryptography, WAHC 2015, and the First Workshop on Wearable Security and Privacy, Wearable 2015.

Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

This practical guide contains seven modules targeted at district and health facility staff. It intends to meet the

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demands to improve immunization services so as to reach more infants in a sustainable way, building upon the experiences of polio eradication. It includes materials adapted from polio on planning, monitoring and use of data to improve the service, that can be used at any level. Revising the manual has been a team exercise. There are contributions from a large number of experts, organizations and institutions. This new edition has seven modules. Several new vaccines that have become more readily available and used in recent years have been added. Also the section on integration with other health interventions has been expanded as exciting opportunities and experiences have become evident in the years following the previous edition. Module 1: Target diseases and vaccines Module 2: The vaccine cold chain Module 3: Ensuring safe injections Module 4: Microplanning for reaching every community Module 5: Managing an immunization session Module 6: Monitoring and surveillance Module 7: Partnering with communities.

2001

An Easy-to-Use Guide with Clear Rules, Real-World Examples, and Reproducible Quizzes

The Illustrated London News

CDC Yellow Book 2018: Health Information for International Travel

Python Data Science Handbook

Onsite Wastewater Treatment and Disposal Systems

Научно-практический журнал –

информационно-аналитическое издание,

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посвященное вопросам повышения эффективности управления финансами как на макро-, так и на микроуровнях экономики. Отличительной особенностью публикаций является ориентация на передовые научные исследования и акцент на практическое применение их в сфере бизнеса. В номере: - Оценка риска золотодобывающего предприятия - Управление оборотными средствами предприятия - «Временные эффекты» на российском рынке ценных бумаг - Использование средств Фонда национального благосостояния на инвестиционные проекты и многое другое!

Physical Activity Epidemiology, Third Edition, provides a comprehensive discussion of population-level studies on the effects of physical activity on disease. The text summarizes the current knowledge, details the methods used to obtain the findings, and considers the implications for public health

This book systematically introduces the development of simulation models as well as the implementation and evaluation of simulation experiments with Tecnomatix Plant Simulation. It deals with all users of Plant Simulation, who have more complex tasks to handle. It also looks for an easy entry into the program. Particular attention has been paid to introduce the simulation flow language SimTalk and its use in various areas of the simulation. The author demonstrates with

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over 200 examples how to combine the blocks for simulation models and how to deal with SimTalk for complex control and analysis tasks. The contents of this book ranges from a description of the basic functions of the material flow blocks to demanding topics such as the realization of a database-supported warehouse control by using the SQLite interface or the exchange of data by using XML, ActiveX, COM or DDE.

This book is a selection of the best and peer-reviewed articles presented at the CUPUM (Computers in Urban Planning and Urban Management) conference, held in the second week of July 2015 at MIT in Boston, USA. The contributions provide state-of the art overview of the availability and application of Planning Support Systems (PSS) in the framework of Smart Cities.

Visualizing Mortality Dynamics in the Lexis Diagram

Essential Tools for Working with Data

Training Manual for Organic Agriculture

Tecnomatix Plant Simulation

Chase's Calendar of Events 2016

This is a print on demand edition of a hard to find publication. Presents the annual estimates of rates and levels of violent crime (rape or sexual assault, robbery, aggravated assault, and simple assault), property crime (burglary, motor vehicle theft, and

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property theft), and personal theft (pocket picking and purse snatching). It describes the year-to-year change from 2008 and trends for the 10-year period from 2000 through 2009. The Nat. Criminal Victimization Survey collects information on non-fatal crimes, reported and not reported to the police, against persons age 12 or older from a nationally representative sample of U.S. households. This report also includes data on the characteristics of victims of crime; estimates of intimate partner violence; and use of firearms and other weapons during the crime. Illustrations.

The bestselling workbook and grammar guide, revised and updated! Hailed as one of the best books around for teaching grammar, *The Blue Book of Grammar and Punctuation* includes easy-to-understand rules, abundant examples, dozens of reproducible quizzes, and pre- and post-tests to help teach grammar to middle and high schoolers, college students, ESL students, homeschoolers, and more. This concise, entertaining workbook makes learning English grammar and usage simple and fun. This updated 12th edition reflects the latest updates to English usage and grammar, and includes answers to all reproducible quizzes to facilitate self-assessment and learning. Clear and concise, with easy-to-follow explanations, offering "just the facts" on English grammar, punctuation, and usage Fully updated to reflect the latest rules, along with even

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more quizzes and pre- and post-tests to help teach grammar Ideal for students from seventh grade through adulthood in the US and abroad For anyone who wants to understand the major rules and subtle guidelines of English grammar and usage, The Blue Book of Grammar and Punctuation offers comprehensive, straightforward instruction.

The significantly expanded and updated new edition of a widely used text on reinforcement learning, one of the most active research areas in artificial intelligence. Reinforcement learning, one of the most active research areas in artificial intelligence, is a computational approach to learning whereby an agent tries to maximize the total amount of reward it receives while interacting with a complex, uncertain environment. In Reinforcement Learning, Richard Sutton and Andrew Barto provide a clear and simple account of the field's key ideas and algorithms. This second edition has been significantly expanded and updated, presenting new topics and updating coverage of other topics. Like the first edition, this second edition focuses on core online learning algorithms, with the more mathematical material set off in shaded boxes. Part I covers as much of reinforcement learning as possible without going beyond the tabular case for which exact solutions can be found. Many algorithms presented in this part are new to the second edition, including UCB, Expected Sarsa, and Double Learning. Part II

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extends these ideas to function approximation, with new sections on such topics as artificial neural networks and the Fourier basis, and offers expanded treatment of off-policy learning and policy-gradient methods. Part III has new chapters on reinforcement learning's relationships to psychology and neuroscience, as well as an updated case-studies chapter including AlphaGo and AlphaGo Zero, Atari game playing, and IBM Watson's wagering strategy. The final chapter discusses the future societal impacts of reinforcement learning.

This accessible reference presents the evolution of concepts of time and methods of time keeping, for historians, scientists, engineers, and educators. The second edition has been updated throughout to describe twentieth- and twenty-first-century advances, progress in devices, time and cosmology, the redefinition of SI units, and the future of UTC.

Reinforcement Learning, second edition

Planning Support Systems and Smart Cities

22nd International Conference, ICONIP 2015,

Istanbul, Turkey, November 9-12, 2015, Proceedings

Part III

The Chile-2015 (Illapel) Earthquake and Tsunami

A Practical Guide for Health Staff

North Georgia Moonshine

This new edition of the successful calendars book is being published at the turn of the millennium and expands the

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treatment of the previous edition to new calendars and variants. As interest grows in the impact of seemingly arbitrary calendrical systems upon our daily lives, this book frames the world in a completely algorithmic form. The book gives a description of twenty-five calendars and how they relate to one another: the Gregorian (current civil), ISO (International Organization for Standardization), Egyptian (and nearly identical Armenian), Julian (old civil), Coptic, Ethiopic, Islamic (Moslem), modern Persian (both astronomical and arithmetic forms), Baha'i (both present and future forms), Hebrew (Jewish), Mayan (long count, haab, and tzolkin), Balinese Pawukon, French Revolutionary (both astronomical and arithmetic forms), Chinese (and nearly identical Japanese), old Hindu (solar and lunisolar), and modern Hindu (solar and lunisolar). Easy conversion among these calendars is a by-product of the approach, as is the determination of secular and religious holidays. Calendrical Calculations makes accurate calendrical algorithms readily available for computer use with LISP, Mathematica, and Java code for all the algorithms included on the CD, and updates are available on the Web. This book will

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be a valuable resource for working programmers as well as a fount of useful algorithmic tools for computer scientists. In addition, the lay reader will find the historical setting and general calendar descriptions of great interest.

This volume presents a collection of contributions that were published in "Pure and Applied Geophysics - pageoph" and which deals with the major earthquake that hit Illapel, Chile on September 16, 2015 with magnitude 8.3, and associated trans-oceanic tsunami. The subducting Nazca plate beneath the Andes caused this major earthquake, generating strong shaking, permanent deformation, free oscillations of the Earth, and tsunamis. This event occurred in the flat-angle subducting segment of the plate. The generated tsunami spread throughout the entire Pacific Ocean and was recorded by numerous coastal tide gauges and open-ocean DART stations. All articles give an up-to-date account of research in one of the most active seismic zones worldwide. An introductory article by Kenji Satake rounds this collection off.

THE ESSENTIAL WORK IN TRAVEL MEDICINE --
NOW COMPLETELY UPDATED FOR 2018 As
unprecedented numbers of travelers cross
international borders each day, the need

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for up-to-date, practical information about the health challenges posed by travel has never been greater. For both international travelers and the health professionals who care for them, the CDC Yellow Book 2018: Health Information for International Travel is the definitive guide to staying safe and healthy anywhere in the world. The fully revised and updated 2018 edition codifies the U.S. government's most current health guidelines and information for international travelers, including pretravel vaccine recommendations, destination-specific health advice, and easy-to-reference maps, tables, and charts. The 2018 Yellow Book also addresses the needs of specific types of travelers, with dedicated sections on:

- Precautions for pregnant travelers, immunocompromised travelers, and travelers with disabilities
- Special considerations for newly arrived adoptees, immigrants, and refugees
- Practical tips for last-minute or resource-limited travelers
- Advice for air crews, humanitarian workers, missionaries, and others who provide care and support overseas

Authored by a team of the world's most esteemed travel medicine experts, the Yellow Book is an essential resource for travelers --

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and the clinicians overseeing their care -- at home and abroad.

The production of this manual is a joint activity between the Climate, Energy and Tenure Division (NRC) and the Technologies and practices for smallholder farmers (TECA) Team from the Research and Extension Division (DDNR) of FAO Headquarters in Rome, Italy. The realization of this manual has been possible thanks to the hard review, compilation and edition work of Nadia Scialabba, Natural Resources officer (NRC) and Ilka Gomez and Lisa Thivant, members of the TECA Team. Special thanks are due to the International Federation of Organic Agriculture Movements (IFOAM), the Research Institute of Organic Agriculture (FiBL) and the International Institute for Rural Reconstruction (IIRR) for their valuable documents and publications on organic farming for smallholder farmers.

A Guide for Practical Management
An Introduction
A Comprehensive Perspective on the
Aviation Value Chain
Python for Data Analysis
Advances in Information and Communication
Networks
Calendrical Calculations Millennium
Edition

This book presents an up-to-date and comprehensive review of female contraception. It offers an extensive overview of contraception types, including oral, injectable, emergency, and various cervical barrier contraceptives, as well as behavioral and sterilization methods, and discusses the clinical effectiveness, advantages, disadvantages, side effects, and mechanisms of action of each method. Thoroughly revised and updated, the second edition includes coverage of chewable contraceptives, new progestins, new quadraphasic OCP regimen, Nexplanon, which is replacing the Implanon contraceptive implant, and new methods of tubal sterilization. There is also a new chapter devoted to current controversies. Each chapter also includes counseling tips that answer common questions many clinicians and patients have about contraception. The advances in contraception technologies are interplayed with practical advice on choosing the most effective and appropriate contraception for patients, from those who are young and healthy to those with serious medical diseases. The Handbook of Contraception, Second Edition, is an incomparable reference for obstetricians, gynecologists, and primary care physicians. Chase's Calendar of Events is the most comprehensive and authoritative reference

available on special events, holidays, federal and state observances, historic anniversaries, astronomical phenomena, and more. Published since 1957, Chase's is the only guide to special days, weeks, and months.

The high-level language of R is recognized as one of the most powerful and flexible statistical software environments, and is rapidly becoming the standard setting for quantitative analysis, statistics and graphics. R provides free access to unrivalled coverage and cutting-edge applications, enabling the user to apply numerous statistical methods ranging from simple regression to time series or multivariate analysis. Building on the success of the author's bestselling Statistics: An Introduction using R, The R Book is packed with worked examples, providing an all inclusive guide to R, ideal for novice and more accomplished users alike. The book assumes no background in statistics or computing and introduces the advantages of the R environment, detailing its applications in a wide range of disciplines. Provides the first comprehensive reference manual for the R language, including practical guidance and full coverage of the graphics facilities. Introduces all the statistical models covered by R, beginning with simple classical tests such as chi-square and t-test. Proceeds to examine more advance

methods, from regression and analysis of variance, through to generalized linear models, generalized mixed models, time series, spatial statistics, multivariate statistics and much more. The R Book is aimed at undergraduates, postgraduates and professionals in science, engineering and medicine. It is also ideal for students and professionals in statistics, economics, geography and the social sciences. The book, gathering the proceedings of the Future of Information and Communication Conference (FICC) 2018, is a remarkable collection of chapters covering a wide range of topics in areas of information and communication technologies and their applications to the real world. It includes 104 papers and posters by pioneering academic researchers, scientists, industrial engineers, and students from all around the world, which contribute to our understanding of relevant trends of current research on communication, data science, ambient intelligence, networking, computing, security and Internet of Things. This book collects state of the art chapters on all aspects of information science and communication technologies, from classical to intelligent, and covers both theory and applications of the latest technologies and methodologies. Presenting state-of-the-art

intelligent methods and techniques for solving real-world problems along with a vision of the future research, this book is an interesting and useful resource.

Immunization in Practice

Финансовая аналитика: проблемы и решения

No 4 (238) 2015

International Partnerships for Strengthening Health Care Workforce Capacity: Models of Collaborative Education

Design Manual

Physical Activity Epidemiology

Report of the Committee on Infectious Diseases

The Oxford Textbook of Global Public Health is the ultimate resource on the subject of public health and epidemiology. The sixth edition has been thoroughly revised and updated, offering a global and comprehensive perspective on wide-ranging public health needs and priorities in modern health care. The sixth edition, available both in print and online, retains its approach of dividing the complex, dynamic subject of public health into three topics. 'The Scope of Public Health' discusses the development of the discipline, determinants of health and disease, public health policies, and law and ethics. Next, the textbook focuses on 'The Methods of Public Health,' including the main science behind the discipline - epidemiology. Finally, 'The Practice of Public Health' examines specific public health problems and the options for prevention

and control. As well as identifying these issues by system or disease, there is also an awareness of the unique needs of particular population groups. New topics in this edition include: Climate change, genetic testing and epidemiology; new methods for measuring the burden of disease; life course approaches to epidemiology, behavioural economics; and physical activity, health and wellbeing. Two new editors, Quarraisha Abdool Karim (South Africa) and Chorh Chuan Tan (Singapore), join the established editor team of Roger Detels (USA), and Martin Gulliford (UK), representing a truly global outlook. The contributors are experts who have been drawn from around the world, offering perspectives from vastly different health systems with ranging public health needs and priorities. The Oxford Textbook of Global Public Health remains the most comprehensive, accessible text in the field, and is an essential reference for students and practitioners in public health and epidemiology.

Everything you need to confidently make real estate part of your investing plan Do you want to get involved in real estate investing, but aren't quite sure where to start? Real Estate Investing For Dummies is your go-to resource for making sense of the subject, offering plain-English, step-by-step explanations of everything you need to know to keep yourself one step ahead of the competition. Inside, you'll discover how to overcome the challenges of the market, take advantage

of the opportunities in any real estate environment—including a down market—and so much more. Written by industry experts Eric Tyson and Robert Griswold, this new edition of Real Estate Investing For Dummies offers proven, practical, and actionable advice for anyone who wants to invest in income-producing properties. With the help of this straightforward and time-tested information, you'll get the know-how to wisely and confidently make smart, sound, and informed real estate investing decisions that will reap big rewards. Shows you how to make real estate part of your long-term investment plan Provides tips on getting the best deals on financing Offers trusted guidance on mastering the art of property valuation Gives you access to unprecedented information on how to build wealth in any market If you want to jump into the real estate market as a first-time investor or just want to brush up on recent changes that have occurred in the field, Real Estate Investing For Dummies is an essential resource you'll turn to again and again.

For many researchers, Python is a first-class tool mainly because of its libraries for storing, manipulating, and gaining insight from data. Several resources exist for individual pieces of this data science stack, but only with the Python Data Science Handbook do you get them all—IPython, NumPy, Pandas, Matplotlib, Scikit-Learn, and other related tools. Working scientists and data crunchers familiar

with reading and writing Python code will find this comprehensive desk reference ideal for tackling day-to-day issues: manipulating, transforming, and cleaning data; visualizing different types of data; and using data to build statistical or machine learning models. Quite simply, this is the must-have reference for scientific computing in Python. With this handbook, you'll learn how to use: IPython and Jupyter: provide computational environments for data scientists using Python NumPy: includes the ndarray for efficient storage and manipulation of dense data arrays in Python Pandas: features the DataFrame for efficient storage and manipulation of labeled/columnar data in Python Matplotlib: includes capabilities for a flexible range of data visualizations in Python Scikit-Learn: for efficient and clean Python implementations of the most important and established machine learning algorithms

Visual Basic .NET is a radically new version of Microsoft Visual Basic, the world's most widely used rapid application development (RAD) package. Whether you are just beginning application development with Visual Basic .NET or are already deep in code, you will appreciate just how easy and valuable the VB.NET Language Pocket Reference is. VB.NET Language Pocket Reference contains a concise description of all language elements by category. These include language elements implemented by the Visual Basic compiler, as well as

all procedures and functions implemented in the Microsoft.VisualBasic namespace. Use it anytime you want to look up those pesky details of Visual Basic syntax or usage. With concise detail and no fluff, you'll want to take this book everywhere.

FC 2015 International Workshops, BITCOIN, WAHC, and Wearable, San Juan, Puerto Rico, January 30, 2015, Revised Selected Papers

An Aging World

Intelligent Systems for Healthcare Management and Delivery

Sustainable Design and Manufacturing 2016

The R Book

Red Book 2021

Provides statistical information on the worldwide population of people 65 years old or older.

This book visualizes mortality dynamics in the Lexis diagram. While the standard approach of plotting death rates is also covered, the focus in this book is on the depiction of rates of mortality improvement over age and time. This rather novel approach offers a more intuitive understanding of the underlying dynamics, enabling readers to better understand whether period- or cohort-effects were instrumental for the development of mortality in a particular country. Besides maps for single countries, the book includes maps on the dynamics of selected causes of death in the United States, such as cardiovascular diseases or lung cancer. The book also features

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maps for age-specific contributions to the change in life expectancy, for cancer survival and for seasonality in mortality for selected causes of death in the United States. The book is accompanied by instructions on how to use the freely available R Software to produce these types of surface maps. Readers are encouraged to use the presented tools to visualize other demographic data or any event that can be measured by age and calendar time, allowing them to adapt the methods to their respective research interests. The intended audience is anyone who is interested in visualizing data by age and calendar time; no specialist knowledge is required. This book is open access under a CC BY license.

If you want to increase Tableau's value to your organization, this practical book has your back. Authors Ann Jackson and Luke Stanke guide data analysts through strategies for solving real-world analytics problems using Tableau. Starting with the basics and building toward advanced topics such as multidimensional analysis and user experience, you'll explore pragmatic and creative examples that you can apply to your own data. Staying competitive today requires the ability to quickly analyze and visualize data and make data-driven decisions. With this guide, data practitioners and leaders alike will learn strategies for building compelling and purposeful visualizations, dashboards, and data

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products. Every chapter contains the why behind the solution and the technical knowledge you need to make it work. Use this book as a high-value on-the-job reference guide to Tableau Visualize different data types and tackle specific data challenges Create compelling data visualizations, dashboards, and data products Learn how to generate industry-specific analytics Explore categorical and quantitative analysis and comparisons Understand geospatial, dynamic, statistical, and multivariate analysis Communicate the value of the Tableau platform to your team and to stakeholders

The four volume set LNCS 9489, LNCS 9490, LNCS 9491, and LNCS 9492 constitutes the proceedings of the 22nd International Conference on Neural Information Processing, ICONIP 2015, held in Istanbul, Turkey, in November 2015. The 231 full papers presented were carefully reviewed and selected from 375 submissions. The 4 volumes represent topical sections containing articles on Learning Algorithms and Classification Systems; Artificial Intelligence and Neural Networks: Theory, Design, and Applications; Image and Signal Processing; and Intelligent Social Networks. Real Estate Forms from ALI-ABA Course Materials Supply Chain Integration Challenges in Commercial Aerospace

The Blue Book of Grammar and Punctuation
Real Estate Investing For Dummies

The Ultimate Edition

Oxford Textbook of Global Public Health

With the growing use of new technologies and artificial intelligence (AI) applications, intelligent systems can be used to manage large amounts of existing data in healthcare domains. Having more intelligent methods for accessing data allows medical professionals to more efficiently identify the best medical practices and more concrete solutions for diagnosing and treating a multitude of rare diseases. *Intelligent Systems for Healthcare Management and Delivery* provides relevant and advanced methodological, technological, and scientific approaches related to the application of sophisticated exploitation of AI, as well as providing insight into the technologies and intelligent applications that have received growing attention in recent years such as medical imaging, EMR systems, and drug development assistance. This publication fosters a scientific debate for new healthcare intelligent systems and sophisticated approaches for enhanced healthcare services and is ideally designed for medical professionals, hospital staff, rehabilitation specialists, medical educators, and researchers.

"This manual contains overview information on treatment technologies, installation practices, and past performance."--Intro. This book presents firsthand insights into strategies and approaches for the commercial aerospace supply chain in response to the numerous changes that airlines, aircraft OEMs and their suppliers have experienced over the past few decades. In doing so, it investigates the entire product value chain. Accordingly, the chapters address the challenges of configuration and demand, and highlight the specificities of customization in the aviation industry. They analyze component manufacturing, share valuable insights into assembly and integration activities, and describe aftermarket business models. In order to ensure more varied and balanced coverage, the book includes contributions by researchers, suppliers, and experts and practitioners from consulting companies and the

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aircraft industry. Taken together, they provide a holistic perspective on the transformation drivers and the innovations that have either been implemented or will be adopted in the near future. The book introduces and describes new concepts and innovations such as 3D printing, E2E demand management, digital production, predictive maintenance and open innovation in general, supplementing them with sample industrial applications from the aviation sector.

A critical problem in resource-scarce countries across the globe is the shortage of appropriately trained health care providers.

According to the World Health Organization, the current global health workforce shortage of 7.2 million providers is estimated to increase to 12.9 million by 2035. This disproportionately affects resource-scarce countries, denying basic health care to millions and limiting access to life-saving treatments. Due to limited resources in these countries, not enough health professionals receive training, few have the opportunity for continuing education, and the ability to develop or implement educational programs and curricula is constrained. Additionally, many existing providers choose to emigrate in pursuit of professional advancement opportunities, contributing to the overall shortage of qualified health care providers in these environments. Efforts to strengthen health workforce capacity not only increases access, safety and availability of care, but is critical to building resilient health systems capable of caring for the world ' s neediest populations. This requires not only cultivating new health care providers, but also providing ongoing professional development to retain and support current providers, advancing the level of practice in accordance with current clinical science, cultivating educators, and enhancing training curricula. It is critical also to contribute to the limited body of research documenting the effectiveness and impact of various models of collaborative education and partnership to improve health worker training and retention. This Research Topic examines strategies for building health workforce capacity through the prism of educational partnerships, offering significant examples of effective models of

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international collaborative education as well as insight and guidance on the structure and operation of successful global partnerships. Collectively, the 31 articles accepted and included in this eBook represent a diversity of health professions and geographies across academic, non-governmental organizations and other global partnership forms. The published manuscripts highlight various elements of partnerships with several consistent themes emerging: capacity building, local empowerment, mutual trust and respect, long-term commitment, equity, collaboration, and the importance of integrating theory and practice, for a balance of academic and clinical development. The manuscripts provide examples of partnership and educational programs that are in the formative, early stages of implementation and others which have been sustained long term, some for decades. The following eBook is divided into two parts, with each part broken down into sections. Part I of the eBook includes 18 manuscripts that showcase long-term educational programs that strongly exemplify multiple, foundational aspects of international partnerships in education including mutual collaboration and project management, empowerment of host partners to lead and sustain programs, and capacity building. While individual manuscripts included in Part I look broadly at multiple aspects of successful, international partnerships in education, Part II manuscripts focus intently on one-two elements. Part II includes 13 articles that highlight partnership through short- rather than long-term educational initiatives as well as program development and broad academic partnerships. This Research Topic was sponsored by Health Volunteers Overseas – a United States based non-profit that collaborates with over eighty international universities and health institutions to send volunteer health professionals to low-resource countries to provide continuing education, train the trainer courses, professional support, and consultation on academic program and curricula development.

Tableau Strategies

Neural Information Processing

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Time: From Earth Rotation to Atomic Physics

The Handbook of Contraception

The Ultimate Go-to Guide for Special Days, Weeks and Months

Modeling and Programming by Means of Examples

The AAP's authoritative guide on preventing, recognizing, and treating more than 200 childhood infectious diseases. Developed by the AAP's Committee on Infectious Diseases as well as the expertise of the CDC, the FDA, and hundreds of physician contributors.

In the early 1900s, moonshine was a way of life, and nearly every resident lived it. Out of the woods of North Georgia and Habersham County came Virgil Lovell, his boys, their recipe and their legacy. The family went from illegal to legal, and their product stands today as a testament to the determination of the region to hold on to its roots. Joining their story were hundreds just like them--liquor makers like Glenn Johnson--all professing theirs was the best. Through firsthand accounts from the Lovells and extensive research, author Judith Garrison revives the story of liquor making and a Georgia legacy.

International Partnerships for Strengthening Health Care Workforce Capacity: Models of Collaborative Education
Frontiers Media SA
This volumes consists of 59 peer-reviewed

papers, presented at the International Conference on Sustainable Design and Manufacturing (SDM-16) held in Chania, Crete Greece in April 2016. Leading-edge research into sustainable design and manufacturing aims to enable the manufacturing industry to grow by adopting more advanced technologies, and at the same time improve its sustainability by reducing its environmental impact. SDM-16 covers a wide range of topics from sustainable product design and service innovation, sustainable process and technology for the manufacturing of sustainable products, sustainable manufacturing systems and enterprises, decision support for sustainability, and the study of societal impact of sustainability including research for circular economy. Application areas are wide and varied. The book will provide an excellent overview of the latest research and development in the area of Sustainable Design and Manufacturing.

Onsite Wastewater Treatment Systems Manual

Data Wrangling with Pandas, NumPy, and IPython

A History of the Lovells & Other Liquor Makers

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2015

Financial Cryptography and Data Security
VB.NET Language Pocket Reference
Criminal Victimization (2009)