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THE SCIENCE AND TECHNOLOGY LABOR FORCE

THE VALUE OF DOCTORATE HOLDERS AND DEVELOPMENT OF PROFESSIONAL CAREERS

Springer This book provides an in-depth analysis of the demand for PhDs on the labor markets of twelve countries. The authors analyze the role of PhDs in the creation of innovation in a knowledge-based economy and examine economic issues such as the return on investment for the education and training of doctoral graduates. To provide a more comprehensive picture of the employment patterns, career paths and mobility of PhDs in selected countries, the book analyzes various data sources such as labor force surveys and censuses. The authors also develop survey approaches and output tables to collect data on the transition from school to work among PhDs. The book will be of interest to policymakers, companies and researchers responsible for research and innovation systems, as well as to doctoral students looking for a professional career outside the academic world.

SCIENCE & TECHNOLOGY POLICY AND INDICATORS FOR DEVELOPMENT

PERSPECTIVES FROM DEVELOPING COUNTRIES

Science and Technology is an essential element of socioeconomic development of nations. In recent times, emergence of new technologies, knowledge-based economies and globalization have made unprecedented impact on the human civilization. The developing societies would need to adjust to the pace of change of these developments and respond by evolving and implementing appropriate national S&T policies. There is a need to enhance their capabilities for establishing meaningful S&T policy and indicators for effective decision making. This publication reflects the views and experiences of scholars and policy makers resulting from the deliberations during the international conference on S&T policy research and statistical indicators held in Colombo, Sri Lanka on 8-10 November 2006. It includes contributions on perspectives on S&T policy and indicators from several developing countries, leveraging S&T policy for innovation and S&T policy implications in socio-economic sectors. The book presents significant insights on issues and concerns on S&T policy research and statistical indicators in developing countries and is likely to be of immense value for various stakeholders. Contents Part I: Perspective on S&T Policy and Indicators; Chapter 1: Strengthening science, technology and innovation for economic growth and poverty reduction in Mozambique by Venancio Massingue; Chapter 3: The South African STI policy as an indicator driven one: Approach, nature, size, performance and challenges by Hendrik Christoffe Marais and Simon Mpele; Chapter 4: Science and technology structure, statistical system and the current scenario in Sri Lanka by Seetha I Wickremasinghe; Chapter 5: Science and technology (S&T) development policy in Nigeria by Ettu Obassi; Chapter 6: S&T indicators in India and policy implications by Parveen Arora; Chapter 7: S&T indicators as enablers to R&D planning: The case of Knowledge intensive CSIR-India by Naresh Kumar; Chapter 8: Indonesian S&T policy and development and S&T indicators by Dudi Hidayat; Chapter 9: A glance at the Iranian science and technology (S&T) indicators by Seyed Mohsen Masoumzadeh; Chapter 10: Statistical development of science and technology indicators in Malaysia by kamaruhzaman Mat Zin; Chapter 11: Science and technology in Pakistan: System of governance, status of development and current initiatives by Tariq Bashir; Chapter 12: The status of science and technology in Myanmar; Chapter 13: Science and technology in Nepal by Dilli Raj Joshi; Part II: Leverging S&T Policy for Innovation; Chapter 14: Measuring science, technology and innovation in developing Countries: The UIS experience by Ernesto Fernandez Polcuch; Chapter 15: Interactive policy research for rural innovation by Rajeswari Sarala Raina; Chapter 16: Collaborative links between academic and research institutions and industry for stimulating technological innovation and economic development: Need for science and technology policy initiatives and networking amongst NAM and other developing countries by M Bandyopadhyay; Chapter 17: Protection of intellectual property: Technology acquisition, adaptation and diffusion by Vinod Kumar Gupta; Chapter 18: Innovation and the role of IP system in Egypt by Janet Ibrahim Youseef; Part III: S&T Policy Implications in Socio-Economic Sectors; Chapter 19: Agriculture-Assessing the role of local institution in adoption of innovations for sustainable agriculture in kenya by Lutta Muhammad and Paul GA Omanga; Chapter 20: Educational-Tracer study of science and technology (S&T) graduates

passed out from the university in Sri Lanka during 1998-2003 by P R M P Dilrukshi Ranathunge and Seetha I Wickremasinghe; Chapter 21: Food-Food security in Ghana: The development and diffusion of appropriate technologies by Sylvester Gyanfi; Chapter 23: Shelter importance of S&T in providing shelter by M W Leelaratne; Chapter 24: Society-Popularization of science and technology in eastern zone of Tanzania

ENGINEERING

ISSUES, CHALLENGES AND OPPORTUNITIES FOR DEVELOPMENT

UNESCO This report reviews engineering's importance to human, economic, social and cultural development and in addressing the UN Millennium Development Goals. Engineering tends to be viewed as a national issue, but engineering knowledge, companies, conferences and journals, all demonstrate that it is as international as science. The report reviews the role of engineering in development, and covers issues including poverty reduction, sustainable development, climate change mitigation and adaptation. It presents the various fields of engineering around the world and is intended to identify issues and challenges facing engineering, promote better understanding of engineering and its role, and highlight ways of making engineering more attractive to young people, especially women.--Publisher's description.

INVENTOR DATA FOR RESEARCH ON MIGRATION AND INNOVATION: A SURVEY AND A PILOT

WIPO This paper discusses the existing literature on migration and innovation, with special emphasis on empirical studies based on patent and inventor data. Other sources of micro-data are examined, too, for comparative purposes. A pilot database, based on patent filings at the European Patent Office is presented. It contains information on individual inventors, including their country of residence and of origin. Preliminary evidence suggests that immigrant inventors contribute to innovation not only in the United States, but also in selected European countries, where they often rank among the most productive individuals.

MEASURING GENDER EQUALITY IN SCIENCE AND ENGINEERING

THE SAGA TOOLKIT

UNESCO Publishing

THE CHANGING ACADEMIC PROFESSION

MAJOR FINDINGS OF A COMPARATIVE SURVEY

Springer Science & Business Media This book provides an overview on the major findings of a questionnaire survey of academic profession in international perspective. More than 25,000 professors and junior staff at universities and other institutions of higher education at almost 20 countries from all over the world provide information on their working situation, their views and activities. The study "The Changing Academic Profession" is the second major study of its kind, and changes of views and activities are presented through a comparison of the findings with those of the earlier study undertaken in the early 1990s. Major themes are the academics' perception of their societal and institutional environments, the views on the major tasks of teaching, research and services, their professional preferences and actual activities, their career, their perceived influence and their overall job satisfaction. Emphasis is placed on the influence of recent changes in higher education: the internationalisation and globalisation, the increasing expectation to provide evidence of the relevance of academic work, and finally the growing power of management at higher education institutions. Overall, the academics surveyed show that worldwide discourses and trends in higher education put their mark on the academic profession, but differences by country continue to be noteworthy. Academics consider themselves to be more strongly exposed to mechanism of regulations, incentives and sanctions as well as various assessments than in the past; yet their own freedom, and responsibilities and influence shape their identity more strongly and are reflected in widespread professional satisfaction.

GENDER AND PRECARIOUS RESEARCH CAREERS

A COMPARATIVE ANALYSIS

Routledge The literature on gender and science shows that scientific careers continue to be characterised - albeit with important differences among countries - by strong gender discriminations, especially in more prestigious positions. Much less investigated is the issue of which stage in the career such differences begin to show up. Gender and Precarious Research Careers aims to advance the debate on the process of precarisation in higher education and its gendered effects, and springs from a three-year research project across institutions in seven European countries: Italy, Belgium, the Netherlands, Iceland, Switzerland, Slovenia and Austria. Examining gender asymmetries in academic and research organisations, this insightful volume focuses particularly on early careers. It centres both on STEM disciplines (Science, Technology, Engineering and Mathematics) and SSH (Social Science and Humanities) fields. Offering recommendations to design innovative organisational policies and self-tailored 'Gender Equality Plans' to be implemented in universities and research centres, this volume will appeal to students and researchers interested in fields such as Gender Studies, Sociology of Work and Industry, Sociology of Knowledge, Business Studies and Higher Education.

BETTER SKILLS, BETTER JOBS, BETTER LIVES

A STRATEGIC APPROACH TO EDUCATION AND SKILLS POLICIES FOR THE UNITED ARAB EMIRATES

WILL THE REAL HERETICS PLEASE STAND UP

A NEW LOOK AT TODAY'S EVANGELICAL CHURCH IN THE LIGHT OF EARLY CHRISTIANITY

Scroll Publishing Co.

ARTIFICIAL INTELLIGENCE IN ASSET MANAGEMENT

CFA Institute Research Foundation Artificial intelligence (AI) has grown in presence in asset management and has revolutionized the sector in many ways. It has improved portfolio management, trading, and risk management practices by increasing efficiency, accuracy, and compliance. In particular, AI techniques help construct portfolios based on more accurate risk and return forecasts and more complex constraints. Trading algorithms use AI to devise novel trading signals and execute trades with lower transaction costs. AI also improves risk modeling and forecasting by generating insights from new data sources. Finally, robo-advisors owe a large part of their success to AI techniques. Yet the use of AI can also create new risks and challenges, such as those resulting from model opacity, complexity, and reliance on data integrity.

FETAL THERAPY

SCIENTIFIC BASIS AND CRITICAL APPRAISAL OF CLINICAL BENEFITS

Cambridge University Press Covers the latest insights any fetal specialist needs and provides essential knowledge for professionals caring for women with high-risk pregnancies.

PRINCIPLES OF DATA MINING

Springer This book explains and explores the principal techniques of Data Mining, the automatic extraction of implicit and potentially useful information from data, which is increasingly used in commercial, scientific and other application areas. It focuses on classification, association rule mining and clustering. Each topic is clearly explained, with a focus on algorithms not mathematical formalism, and is illustrated by detailed worked examples. The book is written for readers without a strong background in mathematics or statistics and any formulae used are explained in detail. It can be used as a textbook to support courses at undergraduate or postgraduate levels in a wide range of subjects including Computer Science, Business Studies, Marketing, Artificial Intelligence, Bioinformatics and Forensic Science. As an aid to self study, this book aims to help general readers develop the necessary understanding of what is inside the 'black box' so they can use commercial data mining packages discriminately, as well as enabling advanced readers or academic researchers to understand or contribute to future technical advances in the field. Each chapter has practical exercises to enable readers to check their progress. A full glossary of technical terms used is included. This expanded third edition includes detailed descriptions of algorithms for classifying streaming data, both stationary data, where the underlying model is fixed, and data that is time-dependent, where the underlying model changes from time to time - a phenomenon known as concept drift.

POSTGRADUATE SUPERVISION

FUTURE FOCI FOR THE KNOWLEDGE SOCIETY

AFRICAN SUN MeDIA The 24 chapters contained in this volume provide diverse but also congruent perspectives on future foci for research into postgraduate education and supervision in the knowledge society. The chapters move from deliberations on challenges for postgraduate supervision at macro level (such as the pressure to increase postgraduate output and the implications of increasingly managerialist institutions) to meso level matters (the form and function of postgraduate education in specific countries) to the micro (rich case studies of individual institutions, programmes and supervisors).

TRANSFORMING RESEARCH EXCELLENCE

NEW IDEAS FROM THE GLOBAL SOUTH

African Minds Modern-day science is under great pressure. A potent mix of increasing expectations, limited resources, tensions between competition and cooperation, and the need for evidence-based funding is creating major change in how science is conducted and perceived. Amidst this 'perfect storm' is the allure of 'research excellence', a concept that drives decisions made by universities and funders, and defines scientists' research strategies and career trajectories. But what is 'excellent' science? And how to recognise it? After decades of inquiry and debate there is still no satisfactory answer. Are we asking the wrong question? Is reality more complex, and 'excellence in science' more elusive, than many are willing to admit? And how should excellence be defined in different parts of the world, particularly in lower-income countries of the 'Global South' where science is expected to contribute to pressing development issues, despite often scarce resources? Many wonder whether the Global South is importing, with or without consenting, the flawed tools for research evaluation from North America and Europe that are not fit for

purpose. This book takes a critical view of these issues, touching on conceptual issues and practical problems that inevitably emerge when 'excellence' is at the center of science systems. Emerging from the capacity-building work of the Science Granting Councils Initiative in sub-Saharan Africa, it speaks to scholars, as well as to managers and funders of research around the world. Confronting sticky problems and uncomfortable truths, the chapters contain insights and recommendations that point towards new solutions - both for the Global South and the Global North.

REGIONAL INNOVATION IMPACT OF UNIVERSITIES

Edward Elgar Publishing Driven by European Union policy challenges, this cutting-edge book focuses upon the Regional Innovation Impact (RII) of universities, to analyse the socioeconomic impact that universities in Europe have on their hometowns, metropolitan areas and regions.

GLOBALIZATION AND ITS IMPACTS ON THE QUALITY OF PHD EDUCATION

FORCES AND FORMS IN DOCTORAL EDUCATION WORLDWIDE

Springer This book, the second in the projected three-volume Forces and Forms in Doctoral Education Worldwide series sponsored by the Center for Innovation in Graduate Education (CIRGE) at the University of Washington, invites readers to listen in as nearly thirty distinguished scholars and thought leaders confront urgent questions about doctoral education in a globalizing world: • How are research doctoral education and the research PhD degree evolving in different national contexts? • How do researchers in the early stage of their careers assess the value of doctoral education? • What are the challenges of using international demographic data from existing PhD programs to analyze trends in doctoral education? • What can happen when regional issues intersect with the need to evaluate doctoral education and ensure its quality? • Which quality-assurance model has been gaining favor in PhD education, and what challenges does it pose? • What accounts for conflict between national interests and international collaboration in doctoral education? • Is there empirical evidence of globalization's impact on doctoral education and the labor market for PhD graduates? This follow-up to *Toward a Global PhD?* (University of Washington Press, 2008), the first volume in the series, includes case studies illustrating global trends in the structure, function, and quality frameworks of doctoral education, and it develops a conceptual framework linking globalization to trends in doctoral education while showing the particular history that has led to the convergence of a number of practices in one or more countries.

THE GLOBAL SCHOLAR

IMPLICATIONS FOR POSTGRADUATE STUDIES AND SUPERVISION

African Sun Media In our rapidly globalising world, "the global scholar" is a key concept for reimagining the roles of academics at the nexus of the global and the local. This book critically explores the implications of the concept for understanding postgraduate studies and supervision. It uses three conceptual lenses - "horizon", "currency" and "trajectory" - to organise the thirteen chapters, concluding with a reflection on the implications of Covid-19 for postgraduate studies and supervision. Authors bring their perspectives on the global scholar from a variety of contexts, including South Africa, Australia, the United States, the United Kingdom, Chile, Germany, Cyprus, Kenya and Israel. They explore issues around policy, research and practice, sharing a concern with the relation between the local and the global, and a passion for advancing postgraduate studies and supervision.

PUBLICATIONS OF THE NATIONAL SCIENCE FOUNDATION

SURGERY

A CASE BASED CLINICAL REVIEW

Springer **Surgery: A Case Based Clinical Review** provides the reader with a comprehensive understanding of surgical diseases in one easy to use reference that combines multiple teaching formats. The book begins using a case based approach. The cases presented cover the diseases most commonly encountered on a surgical rotation. The cases are designed to provide the reader with the classic findings on history and physical examination. The case presentation is followed by a series of short questions and answers, designed to provide further understanding of the important aspects of the history, physical examination, differential diagnosis, diagnostic work-up and management, as well as questions that may arise on surgical rounds. Key figures and tables visually reinforce the important elements of the disease process. A brief algorithmic flow chart is provided so the reader can quickly understand the optimal management approach. Two additional special sections further strengthen the student's comprehension. The first section covers areas of controversy in the diagnosis or management of each disease, and another section discusses pitfalls to avoid, where the inexperienced clinician might get in trouble. The text concludes with a series of multiple choice questions in a surgery shelf/USMLE format with robust explanations. **Surgery: A Case Based Clinical Review** is based on 20 years of Socratic medical student teaching by a nine-time Golden Apple teaching awardee from the UCLA School of Medicine and will be of great utility for medical students when they rotate on surgery, interns, physician assistant students, nursing students and nurse practitioner students.

ATHENA UNBOUND

THE ADVANCEMENT OF WOMEN IN SCIENCE AND TECHNOLOGY

Cambridge University Press An inquiry into why there are so few women scientists discusses the subtle factors that contribute to the marginalization of women scientists and compares the status of women scientists in different countries.

OCCUPATIONAL OUTLOOK HANDBOOK

BIG DATA IN PRACTICE

HOW 45 SUCCESSFUL COMPANIES USED BIG DATA ANALYTICS TO DELIVER EXTRAORDINARY RESULTS

John Wiley & Sons The best-selling author of *Big Data* is back, this time with a unique and in-depth insight into how specific companies use big data. Big data is on the tip of everyone's tongue. Everyone understands its power and importance, but many fail to grasp the actionable steps and resources required to utilise it effectively. This book fills the knowledge gap by showing how major companies are using big data every day, from an up-close, on-the-ground perspective. From technology, media and retail, to sport teams, government agencies and financial institutions, learn the actual strategies and processes being used to learn about customers, improve manufacturing, spur innovation, improve safety and so much more. Organised for easy dip-in navigation, each chapter follows the same structure to give you the information you need quickly. For each company profiled, learn what data was used, what problem it solved and the processes put it place to make it practical, as well as the technical details, challenges and lessons learned from each unique scenario. Learn how predictive analytics helps Amazon, Target, John Deere and Apple understand their customers Discover how big data is behind the success of Walmart, LinkedIn, Microsoft and more Learn how big data is changing medicine, law enforcement, hospitality, fashion, science and banking Develop your own big data strategy by accessing additional reading materials at the end of each chapter

OECD SCIENCE, TECHNOLOGY AND INDUSTRY SCOREBOARD 2011

OECD Publishing The tenth edition of the OECD Science, Technology and Industry (STI) Scoreboard builds on 50 years of indicators development, looking at major trends in knowledge and innovation in the global economy.

THE FORMATION OF SCHOLARS

RETHINKING DOCTORAL EDUCATION FOR THE TWENTY-FIRST CENTURY

John Wiley & Sons This groundbreaking book explores the current state of doctoral education in the United States and offers a plan for increasing the effectiveness of doctoral education. Programs must grapple with questions of purpose. The authors examine practices and elements of doctoral programs and show how they can be made more powerful by relying on principles of progressive development, integration, and collaboration. They challenge the traditional apprenticeship model and offer an alternative in which students learn while apprenticing with several faculty members. The authors persuasively argue that creating intellectual community is essential for high-quality graduate education in every department. Knowledge-centered, multigenerational communities foster the development of new ideas and encourage intellectual risk taking.

MAKING DECENTRALISATION WORK IN CHILE

TOWARDS STRONGER MUNICIPALITIES

This report provides a comprehensive analysis of the challenges confronting Chile's centralised growth model and recommendations towards developing a more integrated territorial approach, capable of mobilising regional productivity catch-up potential in order to strengthen the role of regions and municipalities. The Chilean government has launched an ambitious decentralisation agenda, aimed at empowering municipalities by providing them with the legitimacy, financial resources, human capacities and tools required to improve their autonomy and performance. This study seeks to assist the government by covering several dimensions, looking at municipal responsibilities, fiscal and human resources, equalisation mechanisms, local public service performance, citizen participation, and co-ordination mechanisms across levels of government.

APACHE SPARK FOR THE ENTERPRISE: SETTING THE BUSINESS FREE

IBM Redbooks Analytics is increasingly an integral part of day-to-day operations at today's leading businesses, and transformation is also occurring through huge growth in mobile and digital channels. Enterprise organizations are attempting to leverage analytics in new ways and transition existing analytics capabilities to respond with more flexibility while making the most efficient use of highly valuable data science skills. The recent growth and adoption of Apache Spark as an analytics framework and platform is very timely and helps meet these challenging demands. The Apache Spark environment on IBM z/OS® and Linux on IBM z Systems™ platforms allows this analytics framework to run on the same enterprise platform as the originating sources of data and transactions that feed it. If most of the data that will be used for Apache Spark analytics, or the most sensitive or quickly changing data is originating on z/OS, then an Apache Spark z/OS based environment will be the optimal choice for performance, security, and governance. This IBM® Redpaper™ publication explores the enterprise analytics market, use of Apache Spark on IBM z Systems™ platforms, integration between Apache Spark and other enterprise data sources, and case studies and examples of

what can be achieved with Apache Spark in enterprise environments. It is of interest to data scientists, data engineers, enterprise architects, or anybody looking to better understand how to combine an analytics framework and platform on enterprise systems.

BENCHMARKING HIGHER EDUCATION SYSTEM PERFORMANCE

Org. for Economic Cooperation & Development The scope of contemporary higher education is wide, and concerns about the performance of higher education systems are widespread. The number of young people with a higher education qualification is expected to surpass 300 million in OECD and G20 countries by 2030. Higher education systems are faced with challenges that include expanding access, containing costs, and ensuring the quality and relevance of provision. The project on benchmarking higher education system performance provides a comprehensive and empirically rich review of the higher education landscape across OECD countries, taking stock of how well they are performing in meeting their education, research and engagement responsibilities.

PEDIATRIC NURSING, PSYCHIATRIC AND SURGICAL ISSUES

BoD - Books on Demand The book is not a classic pediatric text book. It shows different approaches to some pediatric topics. Our aim in this book, as understood from its title, is to describe some specific issues related to nursing, psychiatric and surgical issues. The book Pediatric Nursing, Psychiatric and Surgical Issues has 8 chapters which are placed in 4 different sections, to enlighten patients and pediatricians on current developments on specific pediatric issues.

COMMERCIALISING PUBLIC RESEARCH NEW TRENDS AND STRATEGIES

NEW TRENDS AND STRATEGIES

OECD Publishing This report describes recent trends in government and institutional level policies to enhance the transfer and exploitation of public research. It also benchmarks a set of countries, universities and public research institutions (PRI) based on both traditional and new indicators.

TERTIARY EDUCATION FOR THE KNOWLEDGE SOCIETY

Organization for Economic This book provides an international investigation of tertiary education policy across its many facets -- governance, funding, quality assurance, equity, research and innovation, academic career, links to the labor market and internationalization. It presents an analysis of the trends and developments in tertiary education; a synthesis of research-based evidence on the impact of tertiary-education policies; innovative and successful policies and practices that countries have implemented; and tertiary-education policy options. The report draws on the results of a major OECD review of tertiary education policy -- the OECD Thematic Review of Tertiary Education -- conducted over the 2004-08 period in collaboration with 24 countries around the world.--Publisher's description.

REGIONAL INTEGRATION IN THE UNION FOR THE MEDITERRANEAN PROGRESS REPORT

PROGRESS REPORT

OECD Publishing Regional Integration in the Union for the Mediterranean: Progress Report monitors major trends and evolutions of integration in the Euro-Mediterranean region. The Report examines five domains of regional integration, namely trade integration, financial integration, infrastructure integration, movement of people, as well as research and higher education.

THE COLORED CONVENTIONS MOVEMENT

BLACK ORGANIZING IN THE NINETEENTH CENTURY

"This volume of essays is the first to focus on the Colored Conventions movement, the nineteenth century's longest campaign for Black civil rights. Well before the founding of the NAACP and other twentieth-century pillars of the civil rights movement, tens of thousands of Black leaders organized state and national conventions across North America. Over seven decades, they advocated for social justice and against slavery, protesting state-sanctioned and mob violence while demanding voting, legal, labor, and educational rights. Collectively, these essays highlight the vital role of the Colored Conventions in the lives of thousands of early organizers, including many of the most famous writers, ministers, politicians, and entrepreneurs in the long history of Black activism"--

BIG DATA

PRINCIPLES AND PARADIGMS

Morgan Kaufmann Big Data: Principles and Paradigms captures the state-of-the-art research on the architectural aspects, technologies, and applications of Big Data. The book identifies potential future directions and technologies that facilitate insight into numerous scientific, business, and consumer applications. To help realize Big Data's full potential, the book addresses numerous challenges, offering the conceptual and technological solutions for tackling them. These challenges include life-cycle data management, large-scale storage, flexible processing infrastructure, data modeling, scalable machine learning, data analysis algorithms, sampling techniques, and privacy and ethical

issues. Covers computational platforms supporting Big Data applications Addresses key principles underlying Big Data computing Examines key developments supporting next generation Big Data platforms Explores the challenges in Big Data computing and ways to overcome them Contains expert contributors from both academia and industry

ORDER IN MULTIPLICITY

HOMONYMY IN THE PHILOSOPHY OF ARISTOTLE

Oxford University Press Christopher Shields presents the first full study of a key feature of Aristotle's philosophical and scientific investigations: his concern with the homonymy of certain concepts, that is, with the fact that a single concept stands for a multiplicity of kinds of thing. Shields examines how Aristotle seeks order within this multiplicity, in a variety of areas of inquiry, and demonstrates the continuing fruitfulness of his methodology.

THE PRACTICE OF SHARED RESPONSIBILITY IN INTERNATIONAL LAW

Cambridge University Press This book reviews the practice of shared responsibility in multiple issue areas of international law, to assess its application and development.

OECD SCIENCE, TECHNOLOGY AND INDUSTRY SCOREBOARD 2017

THE DIGITAL TRANSFORMATION

OECD With some 200 indicators, the 2017 edition of the OECD Science, Technology and Industry (STI) Scoreboard shows how the digital transformation affects science, innovation, the economy, and the way people work and live. It aims to help governments design more effective science, innovation and industry policies in the fast-changing digital era. The charts and underlying data in this publication are available for download and over half the indicators contain additional data expanding the time and/or country coverage of the print edition.

NORD GUIDE TO RARE DISORDERS

Lippincott Williams & Wilkins **NORD Guide to Rare Disorders** is a comprehensive, practical, authoritative guide to the diagnosis and management of more than 800 rare diseases. The diseases are discussed in a uniform, easy-to-follow format--a brief description, signs and symptoms, etiology, related disorders, epidemiology, standard treatment, investigational treatment, resources, and references. The book includes a complete directory of orphan drugs, a full-color atlas of visual diagnostic signs, and a Master Resource List of support groups and helpful organizations. An index of symptoms and key words offers physicians valuable assistance in finding the information they need quickly.

THE UNESCO TRAINING MANUAL FOR THE PROTECTION OF THE UNDERWATER CULTURAL HERITAGE IN LATIN AMERICA AND THE CARIBBEAN

UNESCO Publishing

THE WORK SITUATION OF THE ACADEMIC PROFESSION IN EUROPE: FINDINGS OF A SURVEY IN TWELVE COUNTRIES

Springer Science & Business Media This book presents the analysis of the representative survey about the academic profession in twelve European countries. Higher education in Europe has experienced a substantial change in recent years: Expansion progresses further, the expectation to deliver useful contributions of knowledge to the "knowledge society" is on the rise, and efforts to steer academic work through external forces and strong international management are more widespread than ever. Representative surveys of the academic profession in twelve European countries show how professors and junior staff at universities and other institutions of higher education view the role of higher education in society and their professional situation and how they actually shape their professional tasks. Academics differ across Europe substantially in their employment and working conditions, their views and their activities. Most of them favour the preservation of a close link between teaching and research and feel responsible for both theory and practice. Most consider efforts to enhance academic quality and social relevance as compatible. The overall satisfaction with their professional situation is rather high.

HUMAN MONKEYPOX
