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Schutz vor Wissen? Biosecurity and Bioterrorism **American Anthrax Terrorism on American Soil** Cornea E-Book *Oversight of the U.S. Department of Justice* **Case Studies in Disaster Response and Emergency Management** *Explanation of proposed protocol to the income tax treaty between the United States and Germany scheduled for a hearing* **Biological Safety** Lone Actors – An Emerging Security Threat Port Security Management *Eco-warriors, Nihilistic Terrorists, and the Environment* **Microbial Forensics Crime Scene Forensics** Defense Against Biological Attacks **The Challenge of Biological Terrorism Biocrisis: Defining Biological Threats in U.S. Policy** **Global Health Policy in the Second Obama Term** **Secret History Is the anthrax scare of 2001 real or constructed? Terrorism, War, or Disease?** 500 Days *The Political Psychology of Terrorism Fears* Dual-use life science research and biosecurity in the 21st Century: Social, Technical, Policy, and Ethical Challenges The Rise and Fall of Osama bin Laden *Criminal Law and Procedure* The Theater of Operations Disease and Security *New Technologies and the Law of Armed Conflict* **Essentials of Public Health Preparedness and Emergency Management** Living Weapons Trotskyists on Trial **The Future of Violence - Robots and Germs, Hackers and Drones** **Surviving the 21st Century** Review of the Scientific Approaches Used During the FBI's Investigation of the 2001 Anthrax Letters **A Culture of Conspiracy Environmental Health and the U.S. Federal System** **FBI Oversight** *The Blessings of Disaster* **Face of the Earth**

A Culture of Conspiracy Oct 28 2019 American society has changed dramatically since *A Culture of Conspiracy* was first published in 2001. In this revised and expanded edition, Michael Barkun delves deeper into America's conspiracy sub-culture, exploring the rise of 9/11 conspiracy theories, the "birther" controversy surrounding Barack Obama's American citizenship, and how the conspiracy landscape has changed with the rise of the Internet and other new media. What do UFO believers, Christian millennialists, and right-wing conspiracy theorists have in common? According to Michael Barkun in this fascinating yet disturbing book, quite a lot. It is well known that some Americans are obsessed with conspiracies. The Kennedy assassination, the Oklahoma City bombing, and the 2001 terrorist attacks have all generated elaborate stories of hidden plots. What is far less known is the extent to which conspiracist worldviews have recently become linked in strange and unpredictable ways with other "fringe" notions such as a belief in UFOs, Nostradamus, and the Illuminati. Unraveling the extraordinary genealogies and permutations of these increasingly widespread ideas, Barkun shows how this web of urban legends has spread among subcultures on the Internet and through mass media, how a new style of conspiracy thinking has recently arisen, and how this phenomenon relates to larger changes in American culture. This book, written by a leading expert on the subject, is the most comprehensive and authoritative examination of contemporary American conspiracism to date. Barkun discusses a range of material-involving inner-earth caves, government black helicopters, alien abductions, secret New World Order cabals, and much more-that few realize exists in our culture. Looking closely at the manifestations of these ideas in a wide range of literature and source material from religious and political literature, to New Age and UFO publications, to popular culture phenomena such as *The X-Files*, and to websites, radio programs, and more, Barkun finds that America is in the throes of an unrivaled period of millenarian activity. His book underscores the importance of understanding why this phenomenon is now spreading into more mainstream segments of American culture.

New Technologies and the Law of Armed Conflict Jun 04 2020 Modern technological development has been both rapid and fundamentally transformative of the means and methods of warfare, and of the broader environment in which warfare is conducted. In many cases, technological development has been stimulated by, and dedicated to, addressing military requirements. On other occasions, technological developments outside the military sphere affect or inform the conduct of warfare and military expectations. The introduction of new technologies such as information technology, space technologies, nanotechnology and robotic technologies into our civil life, and into warfare, is expected to influence the application and interpretation of the existing rules of the law of armed conflict. In this book, scholars and practitioners working in the fields critically examine the potential legal challenges arising from the use of new technologies and future directions of legal development in light of the specific characteristics and challenges each technology presents with regard to foreseeable humanitarian impacts upon the battlespace.

Dual-use life science research and biosecurity in the 21st Century: Social, Technical, Policy, and Ethical Challenges Nov 09 2020 In September 2011, scientists announced new experimental findings that would not only threaten the conduct and publication of influenza research, but would have significant policy and intelligence implications. The findings presented a modified variant of the H5N1 avian influenza virus (hereafter referred to as the H5N1 virus) that was transmissible via aerosol between ferrets. These results suggested a worrisome possibility: the existence of a new airborne and highly lethal H5N1 virus that could cause a deadly global pandemic. In response, a series of international discussions on the nature of dual-use life science arose. These discussions addressed the complex social, technical, political, security, and ethical issues related to dual-use research. This Research Topic will be devoted to contributions that explore this matrix of issues from a variety of case study and international perspectives.

Oversight of the U.S. Department of Justice May 28 2022

Face of the Earth Jun 24 2019 Smallpox was wiped off the face of the Earth more than 30 years ago, but an outbreak on the Navajo reservation in New Mexico has claimed one life, and the disease is spreading. The conclusion that the outbreak is the result of a terrorist attack is official U.S. policy, but the facts don't add up to terrorism. Tipped off by a former classmate teaching in Farmington,

Sarah Lockford, a Washington Post reporter, teams up with Jake Overman, a medical researcher from the Centers for Disease Control, to investigate the outbreak. As the National Security Council debates, the White House readies plans for a retaliatory attack against Iran. A cabinet member with a grudge deploys Army personnel to New Mexico to make sure no one stands in the way of a military response. The Navajo community is secretly shut off from the rest of the world. Roads are guarded, and all incoming and outgoing communications are blocked. The only leak was the phone call to Sarah, and Sarah can't be found. She evades surveillance and travels through the wilderness to the outbreak site, where she and Jake discover its surprising origin. Forced into a cross-country game of cat and mouse, they race to get their scientific evidence to the President in time. If they fail, the U.S. may launch a nuclear attack. *FACE OF THE EARTH* is fiction, but all of the scientific and U.S. policy information in the novel has been scrupulously fact-checked. The story is frightening because everything in it could happen.

Surviving the 21st Century Dec 31 2019 The book explores the central question facing humanity today: how can we best survive the ten great existential challenges that are now coming together to confront us? Besides describing these challenges from the latest scientific perspectives, it also outlines and integrates the solutions, both at global and individual level and concludes optimistically. This book brings together in one easy-to-read work the principal issues facing humanity. It is written for the two next generations who will have to deal with the compounding risks they inherit, and which flow from overpopulation, resource pressures and human nature. The author examines ten intersecting areas of activity (mass extinction, resource depletion, WMD, climate change, universal toxicity, food crises, population and urban expansion, pandemic disease, dangerous new technologies and self-delusion) which pose manifest risks to civilization and, potentially, to our species' long-term future. This isn't a book just about problems. It is also about solutions. Every chapter concludes with clear conclusions and consensus advice on what needs to be done at global level—but it also empowers individuals with what they can do for themselves to make a difference. Unlike other books, it offers integrated solutions across the areas of greatest risk. It explains why *Homo sapiens* is no longer an appropriate name for our species, and what should be done about it.

Microbial Forensics Oct 21 2021 Microbial Forensics is a rapidly evolving scientific discipline. In the last decade, and particularly due to the anthrax letter attacks in the United States, microbial forensics has become more formalized and has played an increasingly greater role in crime investigations. This has brought renewed interest, development and application of new technologies, and new rules of forensic and policy engagement. It has many applications ranging from biodefense, criminal investigations, providing intelligence information, making society more secure, and helping protect precious resources, particularly human life. A combination of diverse areas is investigated, including the major disciplines of biology, microbiology, medicine, chemistry, physics, statistics, population genetics, and computer science. *Microbial Forensics, Second Edition* is fully revised and updated and serves as a complete reference of the discipline. It describes the advances, as well as the challenges and opportunities ahead, and will be integral in applying science to help solve future biocrimes. A collection of microbiology, virology, toxicology and mycology as it relates to forensics, in one reference New and expanded content to include statistical analysis of forensic data and legal admissibility and the standards of evidence, to name a few Includes research information and application of that research to crime scene analysis, which will allow practitioners to understand and apply the knowledge to their practice with ease

FBI Oversight Aug 26 2019

Terrorism on American Soil Jul 30 2022 From the assassination of Abraham Lincoln to 9/11 and beyond, this riveting case study examines the history of American terror attacks. To many Americans, the terrorist attacks of September 11, 2001, seemed to usher in a new era in which we faced a new kind of threat. But in truth, terrorist attacks had always been a part of American life. This book chronicles thirty-seven such assaults on American soil from the end of the Civil War into the twenty-first century. Author Joseph T. McCann covers the most infamous attacks as well as obscure yet important events. Using a narrative case-study format, *Terrorism on American Soil* provides detailed accounts of the perpetrators, their motives, and the social and political context in which the events took place. Taken together, these accounts reveal important lessons about the changing nature of terrorism in America; our evolving methods for coping with it; and the psychological, political, and legal principles that help us understand it.

Biocrisis: Defining Biological Threats in U.S. Policy Jun 16 2021 Over the last 20 years, the national security community has engaged with disease-related issues that have traditionally been the scope of public health agencies. The federal government's response has been to create a single national biodefense strategy, which has been largely ineffective in improving conditions due to poor terminology, a lack of leadership, and a failure to assess government programs. Applying a public policy framework, Albert J. Mauroni examines how the government addresses biological threats—including disease prevention, bioterrorism response, military biodefense, biosurety, and agricultural biosecurity and food safety. He proposes a new approach to countering biological threats, arguing that lead agencies should focus on implementing discrete portfolios with annual assessments against clear and achievable objectives.

The Blessings of Disaster Jul 26 2019 Are we doomed? As individuals, certainly, eventually, inevitably. But as a species? As a civilization? Leading catastrophe engineer Michel Bruneau thinks perhaps not. *The Blessings of Disaster* draws on knowledge from multiple disciplines to illustrate how our civilization's future successes and failures in dealing with societal threats—be they pandemics, climate change, overpopulation, monetary collapse, and nuclear holocaust—can be predicted by observing how we currently cope with and react to natural and technological disasters. Maybe most importantly, this entertaining and often counter-intuitive book shows how we can think in better ways about disasters, to strengthen and extend our existence as both individuals and as a species. When it comes to rare extreme events, such as earthquakes, hurricanes, floods, tornados, volcanic eruptions, technological accidents, terrorist attacks, pandemics, and even existential threats, it is in our nature to set ourselves up for disasters because the gamble may be worth it. But only maybe. *The Blessing of Disaster* is the very real story of the relationship between humans and disasters – and it's not a simple one. Bringing together his decades-long career spanning the globe as an earthquake and disaster engineer, detailed catastrophe case studies from extreme events like Japan's Kobe earthquake and category 5 hurricanes in the American South, along with thoughtful and practical solutions, Bruneau provides a thorough examination of the structural challenges that face today's (and tomorrow's) world. How we cope with today's threats is indicative of what the future holds. Contrary to popular forecasts, it is not all gloom and doom – but some of it definitely is.

Essentials of Public Health Preparedness and Emergency Management May 04 2020 The public health community plays a vital role in identifying, responding to, containing, and recovering from emergencies. Essentials of Public Health Preparedness will introduce your students to the important and timely field of public health preparedness. The book presupposes no previous exposure to the concepts, yet provides enough depth for students who may have advanced knowledge. The chapters are structured in five parts: Background of the Field; Defining the Problem; Infrastructure; Solving Problems; and Practical Applications.

500 Days Jan 12 2021 Kurt Eichenwald—New York Times bestselling author of *Conspiracy of Fools* and *The Informant*— recounts the first 500 days after 9/11 in a comprehensive, compelling page-turner as gripping as any thriller. In *500 Days*, master chronicler Kurt Eichenwald lays bare the harrowing decisions, deceptions, and delusions of the eighteen months that changed the world forever, as leaders raced to protect their citizens in the wake of 9/11. Eichenwald's gripping, immediate style and true-to-life dialogue puts readers at the heart of these historic events, from the Oval Office to Number 10 Downing Street, from Guantanamo Bay to the depths of CIA headquarters, from the al-Qaeda training camps to the torture chambers of Egypt and Syria. He reveals previously undisclosed information from the terror wars, including never before reported details about warrantless wiretapping, the anthrax attacks and investigations, and conflicts between Washington and London. With his signature fast-paced narrative style, Eichenwald— whose book, *The Informant*, was called “one of the best nonfiction books of the decade” by *The New York Times Book Review*—exposes a world of secrets and lies that has remained hidden for far too long.

Defense Against Biological Attacks Aug 19 2021 This first volume of a two-volume set describes general aspects, such as the historical view on the topic, the role of information distribution and preparedness of health-care systems and preparedness in emergency cases. Part two describes and discusses in detail the pathogens and toxins that are potentially used for biological attacks. As such, the book is a valuable resource for faculties engaged in molecular biology, genetic engineering, neurology, biodefense, biosafety & biosecurity, virology, and infectious disease programs, as well as professional medical research organizations.

Terrorism, War, or Disease? Feb 10 2021 The use of biological warfare (BW) agents by states or terrorists is one of the world's most frightening security threats but, thus far, little attention has been devoted to understanding how to improve policies and procedures to identify and attribute BW events. *Terrorism, War, or Disease?* is the first book to examine the complex political, military, legal, and scientific challenges involved in determining when BW have been used and who has used them. Through detailed analysis of the most significant and controversial allegations of BW use from the Second World War to the present, internationally recognized experts assess past attempts at attribution of unusual biological events and draw lessons to improve our ability to counter these deadly silent killers. This volume presents the most comprehensive analysis of actual and alleged BW use, and provides an up-to-date evaluation of law enforcement, forensic epidemiology, and arms control measures available to policymakers to investigate and attribute suspected attacks.

Eco-warriors, Nihilistic Terrorists, and the Environment Nov 21 2021 The first book to thoroughly address the topic, this volume examines the ideologies, tactics, and goals of environmental terrorists and offers a security planning methodology to defend against their attacks. * Maps of environmental hot spots that are areas of potential threat * Attack-tree schematics * Photographs

Environmental Health and the U.S. Federal System Sep 27 2019 This book explains how the U.S. federal system manages environmental health issues, with a unique focus on risk management and human health outcomes. Building on a generic approach for understanding human health risk, this book shows how federalism has evolved in response to environmental health problems, political and ideological variations in Washington D.C, as well as in-state and local governments. It examines laws, rules and regulations, showing how they stretch or fail to adapt to environmental health challenges. Emphasis is placed on human health and safety risk and how decisions have been influenced by environmental health information. The authors review different forms of federalism, and analyse how it has had to adapt to ever evolving environmental health hazards, such as global climate change, nanomaterials, nuclear waste, fresh air and water, as well as examining the impact of robotics and artificial intelligence on worker environmental health. They demonstrate the process for assessing hazard information and the process for federalism risk management, and subsequently arguing that human health and safety should receive greater attention. This book will be essential reading for students and scholars working on environmental health and environmental policy, particularly from a public health, and risk management viewpoint, in addition to practitioners and policymakers involved in environmental management and public policy.

Is the anthrax scare of 2001 real or constructed? Mar 14 2021 Seminar paper from the year 2005 in the subject American Studies - Culture and Applied Geography, grade: 1,3, Ruhr-University of Bochum, course: Discourses of Fear, 22 entries in the bibliography, language: English, abstract: This paper will try to analyze if the fear that arose after the anthrax mailings among the American population in 2001, is justified. This will be done by help of the pro and contra method. At first, the course of the anthrax attacks is given. Then further emphasis is set upon the pro arguments for a real scare. Therefore what should be known about anthrax will be depicted. After that, the reasons because people believed in a terrorist threat are given. Furthermore the contra arguments will be given. It will be explained that disinformation especially by the government were the reason for the people's fears. The government willingly or out of pressure let the people believe in anthrax as a threat to mankind, although anthrax is not as useful for a terrorist attack as it has been said.

Biosecurity and Bioterrorism Oct 01 2022 Biosecurity and Bioterrorism is the first book to take a holistic approach to biosecurity with coverage of pathogens, prevention and response methodology. The book is organized into four thematic sections: Part I provides a conceptual understanding of biowarfare, bioterrorism and the laws we have to counteract this; Part II investigates known bioagents and the threat from emerging diseases; Part III focuses on agricultural terrorism and food security; Part IV outlines international, US, and local initiatives for biodefense and biosecurity. Case studies illustrate biodefense against both intentional terrorism and natural outbreaks. The authors bring an extraordinary combination of experience in academia and the clinical world, as well as real-world experience in technical and practical matters, to their writing. They make technical material clear and fascinating for readers with a basic knowledge of biology. Ryan and Glarum address the hazards in the context of vulnerability assessments and the planning strategies government and industry can take to prepare for and respond to such events. * How are these agents used in biowarfare? * How likely are we to face either a natural outbreak or intentional human/animal infection? * How can we prepare for this effectively?

Schutz vor Wissen? Nov 02 2022 Die Dogmatik technischer Risiken der Wissenschaft stößt an ihre Grenzen, wenn es das Wissen selbst ist, das als gefährlich gilt. Es hat dann einen doppelten Verwendungszweck: Möglichen Nutzen für Leben und Gesundheit und möglicher Missbrauch als Waffe. Muss der Staat riskantes Wissen verhindern? Attacken mit biologischen Waffen geschehen. Dies legitimiert jedoch nicht, Forschungsfragen einem Genehmigungsvorbehalt zu unterwerfen. Die nicht auszuschließende Möglichkeit der Erkenntnis verleiht der Wissenschaft ihre weit gehende Freiheit und allein die nicht auszuschließende Möglichkeit, dass aus einem Forschungsergebnis eine Biowaffe wird, löst keine Schutzpflicht aus. Die Nuancen dazwischen behandelt diese Arbeit im Mehrebenensystem der Grund- und Menschenrechte.

Review of the Scientific Approaches Used During the FBI's Investigation of the 2001 Anthrax Letters Nov 29 2019 Less than a month after the September 11, 2001 attacks, letters containing spores of anthrax bacteria (*Bacillus anthracis*, or B. anthracis) were sent through the U.S. mail. Between October 4 and November 20, 2001, 22 individuals developed anthrax; 5 of the cases were fatal. During its investigation of the anthrax mailings, the FBI worked with other federal agencies to coordinate and conduct scientific analyses of the anthrax letter spore powders, environmental samples, clinical samples, and samples collected from laboratories that might have been the source of the letter-associated spores. The agency relied on external experts, including some who had developed tests to differentiate among strains of B. anthracis. In 2008, seven years into the investigation, the FBI asked the National Research Council (NRC) of the National Academy of Sciences (NAS) to conduct an independent review of the scientific approaches used during the investigation of the 2001 B. anthracis mailings. Review of the Scientific Approaches Used During the FBI's Investigation of the Anthrax Letters evaluates the scientific foundation for the techniques used by the FBI to determine whether these techniques met appropriate standards for scientific reliability and for use in forensic validation, and whether the FBI reached appropriate scientific conclusions from its use of these techniques. This report reviews and assesses scientific evidence considered in connection with the 2001 *Bacillus anthracis* mailings.

The Future of Violence - Robots and Germs, Hackers and Drones Jan 30 2020 The terrifying new role of technology in a world at war

Lone Actors – An Emerging Security Threat Jan 24 2022 Terrorist attacks perpetrated by lone actors have already occurred in several countries, and this phenomenon is emerging as a threat to the security of both NATO members and other countries worldwide. In this context, a lone actor, or 'lone wolf', is someone who individually prepares or commits violent acts in support of an ideology, group or movement, but who is acting outside of the command structure and without the assistance of any group. Up to now, these individual acts have been seen as almost impossible to forecast, but it is nevertheless important to develop a responsible security policy which takes them into account and incorporates planning for counteraction, prevention and response. This book presents papers, written by leading experts in the field, which reflect the subjects presented at the workshop 'Lone Actors – An Emerging Security Threat', part of the NATO Science for Peace and Security Programme, held in Jerusalem in November 2014. The papers are divided into five sections: the threat of lone actor terrorism; case studies; countering and responding to the threat; legal and ethical aspects; and foresight and policy aspects. The insights, information and recommendations shared in this book will be of interest to all those involved in developing a more efficient response policy to this emerging threat.

Disease and Security Jul 06 2020 Focusing on East Asia, this book sets out a framework for analyzing infectious disease threats in security terms. It covers the security significance of naturally occurring disease outbreak events such as SARS and avian influenza, the development and use of biological weapons by state and non-state actors, and the security risks associated with laboratory research on pathogenic micro-organisms. Christian Enemark devises a conceptual framework for securitization that is useful for policy makers by using the overlaps and synergies between different infectious disease threats. The book draws heavily on material from public health and scientific literature to illustrate the cross-disciplinary requirements for addressing infectious diseases challenges in security terms. Fast-moving, naturally occurring disease threats are of increasing concern to governments and individuals, and it is therefore important to recognize their close relationship to the security challenges posed by Biological Weapons and pathogen research. Disease and Security will be of much interest to students of international security, public health and Asian politics.

Cornea E-Book Jun 28 2022 Highly praised in its first three editions, Cornea has become a market-leading cornerstone text and the immediate go-to resource for anyone working in this hugely popular and evolving sub-specialty. Offered over two volumes and featuring the knowledge of over 200 experts worldwide, it presents state-of-the-art coverage of the expanding range of contemporary corneal surgery, new diagnostic technology, and medical management of corneal and external disease as well as ocular surface disease. This updated edition includes 20 brand-new chapters, while an enhanced focus on images provides key visual guidance in this challenging field. Exceptionally clear illustrations, diagnostic images, and step-by-step surgical photographs offer superb visual guidance. 20 brand-new chapters cover the latest advances in the field, such as DMEK, Ultra-Thin DSEK and DSAEK techniques; endothelial cell transplantation; keratoplasty and prosthokeratoplasty techniques; collagen cross-linking; and new refractive surgical techniques (presbyopic implants and SMILE surgery). Boasts over 170 chapters with unique, cutting-edge content, as well as 2,300 clear illustrations – 670 of which are new to this edition. Presents a detailed exposition of the growing number of techniques for lamellar keratoplasty, including outcomes. Includes new sections on the latest developments in the management of ocular surface disease. Key point overviews in each chapter offer easier access to crucial information.

The Theater of Operations Aug 07 2020 How did the most powerful nation on earth come to embrace terror as the organizing principle of its security policy? In *The Theater of Operations*, Joseph Masco locates the origins of the present-day U.S. counterterrorism apparatus in the Cold War's "balance of terror." He shows how, after the attacks of 9/11, the U.S. global War on Terror mobilized a wide range of affective, conceptual, and institutional resources established during the Cold War to enable a new planetary theater of operations. Tracing how specific aspects of emotional management, existential danger, state secrecy, and threat awareness have evolved as core aspects of the American social contract, Masco draws on archival, media, and ethnographic resources to offer a new portrait of American national security culture. Undemocratic and unrelenting, this counterterror state prioritizes speculative practices over facts, and ignores everyday forms of violence across climate, capital, and health in an unprecedented effort to anticipate and eliminate terror threats—real, imagined, and emergent.

Crime Scene Forensics Sep 19 2021 Bridging the gap between practical crime scene investigation and scientific theory, *Crime Scene Forensics: A Scientific Method Approach* maintains that crime

scene investigations are intensely intellectual exercises that marry scientific and investigative processes. Success in this field requires experience, creative thinking, logic, and the correct

Trotskyists on Trial Mar 02 2020 Passed in June 1940, the Smith Act was a peacetime anti-sedition law that marked a dramatic shift in the legal definition of free speech protection in America by criminalizing the advocacy of disloyalty to the government by force. It also criminalized the acts of printing, publishing, or distributing anything advocating such sedition and made it illegal to organize or belong to any association that did the same. It was first brought to trial in July 1941, when a federal grand jury in Minneapolis indicted twenty-nine Socialist Workers Party members, fifteen of whom also belonged to the militant Teamsters Local 544. Eighteen of the defendants were convicted of conspiring to overthrow the government. Examining the social, political, and legal history of the first Smith Act case, this book focuses on the tension between the nation's cherished principle of free political expression and the demands of national security on the eve of America's entry into World War II. Based on newly declassified government documents and recently opened archival sources, *Trotskyists on Trial* explores the implications of the case for organized labor and civil liberties in wartime and postwar America. The central issue of how Americans have tolerated or suppressed dissent during moments of national crisis is not only important to our understanding of the past, but also remains a pressing concern in the post-9/11 world. This volume traces some of the implications of the compromise between rights and security that was made in the mid-twentieth century, offering historical context for some of the consequences of similar bargains struck today.

American Anthrax Aug 31 2022 From Jeanne Guillemin, one of the world's leading experts on anthrax and bioterrorism, the definitive account of the anthrax investigation It was the most complex case in FBI history. In what became a seven-year investigation that began shortly after 9/11—with America reeling from the terror attacks of al Qaeda—virulent anthrax spores sent through the mail killed Bob Stevens, a Florida tabloid photo editor. His death and, days later, the discovery in New York and Washington, D.C. of letters filled with anthrax sent shock waves through the nation. Federal agencies were blindsided by the attacks, which eventually killed five people. Taken off guard, the FBI struggled to combine on-the-ground criminal investigation with progress in advanced bioforensic analyses of the letters' contents. While the criminal eluded justice, disinformation swirled around the letters, erroneously linking them to Iraq's WMD threat and foreign bioterrorism. Without oversight, billions were lavished on biomedical defenses against anthrax and other exotic diseases. Worst of all, faith in federal justice faltered. *American Anthrax* is a gripping tale of terror, intrigue, madness, and cover-up.

The Challenge of Biological Terrorism Jul 18 2021 Bioterrorism poses a threat that is all too real, but the risk is only one among many. The years since 9/11 have shown that it is far easier to throw money at a problem than it is to solve one; priorities have to be made. With this study, Anthony Cordesman seeks to provide just such an assessment of biological terrorism--balancing threats, probabilities, costs, and priorities.

Criminal Law and Procedure Sep 07 2020 Examine the latest laws, updated regulations and current practices with Hall's CRIMINAL LAW AND PROCEDURE, 8E. This edition clearly presents every aspect of the law while also detailing the duties of a paralegal in criminal law. Comprehensive coverage and foundational concepts in both criminal law and criminal procedure blend with this edition's presentation of cutting-edge developments and emerging trends. Updated statistics present data through 2019, while new material addresses topics such as today's surveillance and interrogation techniques, riots and vandalism in 2020 and 2021, current search and seizure practices as well as issues of race, policing and the qualified immunity standard. Updated edited cases present both current and landmark decisions. In addition, numerous learning features address engaging topics ranging from ethics to self-defense. Specially developed exercises and problems help you further sharpen analytical skills and knowledge of criminal law and procedures. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Biological Safety Feb 22 2022 Biological safety and biosecurity protocols are essential to the reputation and responsibility of every scientific institution, whether research, academic, or production. Every risk—no matter how small—must be considered, assessed, and properly mitigated. If the science isn't safe, it isn't good. Now in its fifth edition, *Biological safety: Principles and Practices* remains the most comprehensive biosafety reference. Led by editors Karen Byers and Dawn Wooley, a team of expert contributors have outlined the technical nuts and bolts of biosafety and biosecurity within these pages. This book presents the guiding principles of laboratory safety, including: the identification, assessment, and control of the broad variety of risks encountered in the lab; the production facility; and, the classroom. Specifically, *Biological Safety* covers protection and control elements—from biosafety level cabinets and personal protection systems to strategies and decontamination methods administrative concerns in biorisk management, including regulations, guidelines, and compliance various aspects of risk assessment covering bacterial pathogens, viral agents, mycotic agents, protozoa and helminths, gene transfer vectors, zoonotic agents, allergens, toxins, and molecular agents as well as decontamination, aerobiology, occupational medicine, and training A resource for biosafety professionals, instructors, and those who work with pathogenic agents in any capacity, *Biological safety* is also a critical reference for laboratory managers, and those responsible for managing biohazards in a range of settings, including basic and agricultural research, clinical laboratories, the vivarium, field study, insectories, and greenhouses.

The Political Psychology of Terrorism Fears Dec 11 2020 *The Political Psychology of Terrorism Fears* examines how emotional responses to terrorism, and specifically, fear, impact on political processes in multiple international contexts. The volume presents an integrated collection of empirical and theoretical studies and discusses the implications of this body of research.

Case Studies in Disaster Response and Emergency Management Apr 26 2022 Key Issues Raised by the Case Study -- Items of Note -- Rio de Janeiro Floods and Mudslides, Brazil, 2011 -- Stage 1 -- Stage 2 -- Key Issues Raised by the Case Study -- Item of Note -- 5. Case Studies: Disasters from Natural Forces: Tornadoes -- Natchez Tornado, Mississippi, 1840 -- Stage 1 -- Stage 2 -- Stage 3 -- Stage 4 -- Key Issues Raised by the Case Study -- Item of Note -- Goliad Tornado, Texas, 1902 -- Stage 1 -- Stage 2 -- Key Issues Raised by the Case Study -- Item of Note -- Tri-state Tornado, 1925 -- Stage 1 -- Stage 2 -- Stage 3 -- Key Issues Raised by the Case Study -- Item of Note -- Sinking of the MV Dong Fang Zhi Xing, Yangtze River, China, 2015 -- Stage 1 -- Stage 2 -- Key Issues Raised by the Case Study -- Items of Note -- 6. Case Studies: Disasters from Natural Forces: Earthquakes and Volcanoes -- San Francisco Earthquake, 1906 -- Stage 1 -- Stage 2 -- Stage 3 -- Stage 4 -- Stage 5 -- Key Issues Raised by the Case Study -- Items of Note -- Aleutian Islands Earthquake, 1946 -- Stage 1 -- Stage 2 -- Key Issues Raised by the Case Study -- Items of Note -- Great

Chilean Earthquake, 1960 -- Stage 1 -- Stage 2 -- Stage 3 -- Key Issues Raised by the Case Study -- Items of Note -- Good Friday Earthquake, Alaska, 1964 -- Stage 1 -- Stage 2 -- Stage 3 -- Key Issues Raised by the Case Study -- Items of Note -- Mount St. Helens Eruption, Washington, 1980 -- Stage 1 -- Stage 2 -- Stage 3 -- Key Issues Raised by the Case Study -- Items of Note -- Sichuan Earthquake, China, 2008 -- Stage 1 -- Stage 2 -- Key Issues Raised by the Case Study -- Items of Note -- Haiti Earthquake, 2010 -- Stage 1 -- Stage 2 -- Key Issues Raised by the Case Study -- Items of Note -- Fukushima Daiichi Nuclear Disaster, Japan, 2011 -- Stage 1 -- Stage 2 -- Stage 3 -- Key Issues Raised by the Case Study -- Items of Note

Secret History Apr 14 2021 History is written by the winners—and the powerful—but how much of it is fiction? And who is really in control today? From the dawn of civilization to the 21st century, from ancient aliens to the New World Order, *Secret History: Conspiracies from Ancient Aliens to the New World Order* examines, explores, and uncovers the hidden, overlooked, and buried history of mankind. The book moves from biblical, Egyptian, Mayan, Greek, and early mysteries of antiquity to the clandestine doings of the Nazis and the Masons and assassination plots of the more recent past to the surveillance, monitoring, mind-control, and secret schemes of today. Researcher Nick Redfern investigates the stories, mythologies, lore behind incredible events and clandestine groups of yesterday and today. More than 60 entries dig deep into the manipulation of events by influential groups, including ... • Historical riddles—alien visitations, space gods, and human–alien crossbreeding. • Government cover ups—mind control, murders, scientists, and secret agents. • Powerful groups and intended consequences—9-11, new world order, bird-flu, and chemtrails. Tracing the chilling and lasting effects of conspiracies, cabals, and plots, *Secret History: Conspiracies from Ancient Aliens to the New World Order* exposes their deep reach in shaping today's world.

Port Security Management Dec 23 2021 Sea and freshwater ports are a key component of critical infrastructure and essential for maintaining global and domestic economies. In order to effectively secure a dynamic port facility operation, one must understand the business of maritime commerce. Following in the tradition of its bestselling predecessor, *Port Security Management, Second Edition* **The Rise and Fall of Osama bin Laden** Oct 09 2020 The world's leading expert on Osama bin Laden delivers for the first time the "riveting" (The New York Times) definitive biography of a man who set the course of American foreign policy for the 21st century and whose ideological heirs we continue to battle today. In *The Rise and Fall of Osama bin Laden*, Peter Bergen provides the first reevaluation of the man responsible for precipitating America's long war with al-Qaeda and its decedents, capturing bin Laden in all the dimensions of his life: as a family man, as a zealot, as a battlefield commander, as a terrorist leader, and as a fugitive. The book sheds light on his many contradictions: he was the son of a billionaire yet insisted his family live like paupers. He adored his wives and children, depending on his two wives, both of whom had PhDs, to make critical strategic decisions. Yet, he also brought ruin to his family. He was fanatically religious but willing to kill thousands of civilians in the name of Islam. He inspired deep loyalty, yet, in the end, his bodyguards turned against him. And while he inflicted the most lethal act of mass murder in United States history, he failed to achieve any of his strategic goals. In his final years, the lasting image we have of bin Laden is of an aging man with a graying beard watching old footage of himself, just as another dad flipping through the channels with his remote. In the end, bin Laden died in a squalid suburban compound, far from the front lines of his holy war. And yet, despite that unheroic denouement, his ideology lives on. Thanks to exclusive interviews with family members and associates, and documents unearthed only recently, Bergen's "comprehensive, authoritative, and compelling" (H.R. McMaster, author of *Dereliction of Duty* and *Battlefields: The Fight to Defend the Free World*) portrait of Osama bin Laden reveals for the first time who he really was and why he continues to inspire a new generation of jihadists.

Global Health Policy in the Second Obama Term May 16 2021 U.S. leadership in global health advances core U.S. interests. It fulfills shared humanitarian values by saving and enhancing lives. It strengthens health security against common and emerging threats. And it promotes stability and prosperity in far-flung communities in the developing world who strive for better health and better lives for their families. For all these reasons, supporting global health should remain a U.S. government and budget priority—and as the second Obama administration and incoming Congress commence their work, this collection of essays offers pragmatic, informed guidelines for seizing the opportunities ahead. The volume analyzes seven important dimensions of a complex, widening U.S. global health agenda: HIV/AIDS; malaria; polio eradication; women's health; health security; health diplomacy; and multilateral partners. Each essay catalogs and interprets the past four years' developments in its respective focal area, charting the measurable health impacts for which the United States can claim at least partial credit, and highlighting persistent problems and challenges. The essays conclude with concrete recommendations on how the United States can achieve the best results in the next four years in promoting the improvement of health, especially among the world's most vulnerable citizens.

Explanation of proposed protocol to the income tax treaty between the United States and Germany scheduled for a hearing Mar 26 2022

Living Weapons Apr 02 2020 "Biological weapons are widely feared, yet rarely used. Biological weapons were the first weapon prohibited by an international treaty, yet the proliferation of these weapons increased after they were banned in 1972. Biological weapons are frequently called 'the poor man's atomic bomb,' yet they cannot provide the same deterrent capability as nuclear weapons. One of my goals in this book is to explain the underlying principles of these apparent paradoxes."—from *Living Weapons* Biological weapons are the least well understood of the so-called weapons of mass destruction. Unlike nuclear and chemical weapons, biological weapons are composed of, or derived from, living organisms. In *Living Weapons*, Gregory D. Koblentz provides a comprehensive analysis of the unique challenges that biological weapons pose for international security. At a time when the United States enjoys overwhelming conventional military superiority, biological weapons have emerged as an attractive means for less powerful states and terrorist groups to wage asymmetric warfare. Koblentz also warns that advances in the life sciences have the potential to heighten the lethality and variety of biological weapons. The considerable overlap between the equipment, materials and knowledge required to develop biological weapons, conduct civilian biomedical research, and develop biological defenses creates a multiuse dilemma that limits the effectiveness of verification, hinders civilian oversight, and complicates threat assessments. *Living Weapons* draws on the American, Soviet, Russian, South African, and Iraqi biological weapons programs to enhance our understanding of the special challenges posed by these weapons for arms control, deterrence, civilian-military relations, and intelligence. Koblentz also examines the aspirations of terrorist groups to develop these weapons and the obstacles they have faced.

Biological weapons, Koblenz argues, will continue to threaten international security until defenses against such weapons are improved, governments can reliably detect biological weapon activities, the proliferation of materials and expertise is limited, and international norms against the possession and use of biological weapons are strengthened.

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