

The Response to September 11: A Disaster Case Study

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ABSTRACT

Background: The response to 9/11 continues into its 14th year. The World Trade Center Health Program (WTCHP), a long-term monitoring and treatment program now funded by the Zadroga Act of 2010, includes >60,000 World Trade Center (WTC) disaster responders and community members ("survivors"). The aim of this review is to identify several elements that have had a critical impact on the evolution of the WTC response and, directly or indirectly, the health of the WTC-exposed population. It further explores post-disaster monitoring efforts, recent scientific findings from the WTCHP, and some implications of this experience for ongoing and future environmental disaster response.

Findings: Transparency and responsiveness, site safety and worker training, assessment of acute and chronic exposure, and development of clinical expertise are interconnected elements determining efficacy of disaster response.

Conclusions: Even in a relatively well-resourced environment, challenges regarding allocation of appropriate attention to vulnerable populations and integration of treatment response to significant medical and mental health comorbidities remain areas of ongoing programmatic development.

Key Words: disaster response, environmental disaster, 9/11, post-disaster health surveillance, World Trade Center

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INTRODUCTION

The response to 9/11 continues into its 14th year. More than 60,000 World Trade Center (WTC) responders and community members ("survivors") participate in the World Trade Center Health Program (WTCHP), a long-term monitoring and treatment program now funded by the Zadroga Act of 2011. Here we review key aspects of the response to 9/11 that have affected the health of the exposed population, subsequent monitoring efforts,

recent scientific findings from the WTCHP, and some implications of this experience for ongoing or future environmental disaster response.

THE IMMEDIATE RESPONSE TO THE WTC DISASTER: COORDINATION AND SITE SAFETY

The extremely chaotic conditions at the WTC site challenged the coordination of rescue and recovery efforts there. The New York City Office of Emergency Management (OEM), headquartered at the WTC, lost its entire command center. This was a major blow to the city's overall emergency response. The OEM was the intended coordinator of emergency response among ~150 agencies. OEM employees were forced to evacuate in the early hours of the disaster. Many telephone, power, and computer lines were down. The police had closed off lower Manhattan, making it difficult for officials to get past checkpoints without badges.

These circumstances also complicated the federal government's ability to respond to environmental and safety concerns. The Federal Emergency Management

2214-6969/14/2014 Icahn School of Medicine at Mount Sinai

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All authors declare they have no conflicts of interest.

Research reported in this article was supported by a contract with the National Institute of Occupational Safety and Health (NIOSH). Contract number: 200-2011-39354.

Conflict of interest statement for all authors: None of the authors of this manuscript have conflicts of interest to report.

<http://dx.doi.org/10.1016/j.anngh.2014.08.215>

September 11 A Case For The Higher Purpose

Mark S. Hamm, Ramón Spaaij



September 11 A Case For The Higher Purpose:

Counterterrorism Ronald Crelinsten, 2013-04-17 Terrorism has emerged as one of the most problematic issues facing national governments and the international community in the 21st century But how is it possible to counter terrorism in a world in which governance is still dominated by the nation state Are we seeing new forms of terrorist activity in the wake of 9 11 Are pre 9 11 approaches still valid How can we combat and control diverse threats of multiple origin Who should be responsible for countering terrorism and in what circumstances In this incisive new book Ronald Crelinsten seeks to provide answers to these pressing questions challenging readers to think beyond disciplinary and jurisdictional boundaries He presents an up to date and comprehensive introduction to the difficulties and obstacles related to countering terrorism in democratic societies The counterterrorism framework that he develops in this book reflects the complex world in which we live The different approaches to counterterrorism provide the organizing theme of the book and help the reader to understand and to appreciate the full range of options available The book includes a host of contemporary examples and further readings compares and contrasts pre and post 9 11 approaches critically evaluates the post 9 11 war on terror moves beyond a purely state centric focus to include non state actors and institutions combines hard and soft power approaches considers prevention preparedness response and recovery Counterterrorism will be an indispensable guide for students researchers practitioners and general readers wanting to broaden their knowledge of the possibilities and limitations of counterterrorism today

September 11 Abhinav Aggarwal, 2003 This Book was written because in todays world most People turn to the wrong advisors They go to a Psychic or Fortune Teller If they would follow their learned Religion as they had grown up with they would not need to go anywhere else but read the Bible look to the Heavens for answers because that is where the thru help is coming from but they also need to believe in God for he is the only one who really can help no matter what As he has proven to me over and over again throughout my whole Life Monika Grunwald Schutz *Reports of Cases Argued and Determined in the High Court of Chancery* Great Britain. Court of Chancery, 1827

Habeas Corpus after 9/11 Jonathan Hafetz, 2011-01-04 2012 American Bar Association Gavel Award Honorable Mention for Books 2012 Scribes Book Silver Medal Award presented by the American Society of Legal Writers The U S detention center at Guant namo Bay has long been synonymous with torture secrecy and the abuse of executive power It has come to epitomize lawlessness and has sparked protracted legal battles and political debate For too long however Guant namo has been viewed in isolation and has overshadowed a larger interconnected global detention system that includes other military prisons such as Bagram Air Base in Afghanistan secret CIA jails and the transfer of prisoners to other countries for torture Guant namo is simply and alarmingly the most visible example of a much larger prison system designed to operate outside the law Habeas Corpus after 9 11 examines the rise of the U S run global detention system that emerged after 9 11 and the efforts to challenge it through habeas corpus a petition to appear in court to claim unlawful imprisonment Habeas expert and litigator

Jonathan Hafetz gives us an insider's view of the detention of enemy combatants and an accessible explanation of the complex forces that keep these systems running In the age of terrorism some argue that habeas corpus is impractical and unwise Hafetz advocates that it remains the single most important check against arbitrary and unlawful detention torture and the abuse of executive power Applied Sport Management Skills, Second Edition (With Web Study Guide) Robert N. Lussier, PhD and David C. Kimball, PhD , **One Nation Under Therapy** Christina Hoff Sommers, Sally L. Satel, 2005-04 A straightforward assault on disturbing and dangerous trends that have entered the arena of medical care The New Republic

9/11 Fiction, Empathy, and Otherness Tim Gauthier, 2015-04-02 9 11 Fiction Empathy and Otherness analyzes recent works of fiction whose principal subject is the attacks of September 11 2001 The readings of the novels question and assess the validity and potential effectiveness of both the subsequent calls for a cosmopolitan outlook and the related but no less significant emphasis placed on empathy and exhibited in such recent studies as Jeremy Rifkin's *The Empathic Civilization* Karsten Stueber's *Rediscovering Empathy* and Julinna Oxley's *The Moral Dimensions of Empathy* As such this study examines the extent to which us and them narratives proliferated after 9 11 and the degree to which calls for greater empathy and a renewed emphasis on cosmopolitan values served to counterbalance an apparent movement towards increased polarization encapsulated in the oft mentioned clash of civilizations A principal objective of the book is thus to examine the ethical and political implications revealed in the exercising or withholding of empathy For though empathy in and of itself may not be sufficient it is nevertheless a vital component in the generation of actions one might identify as cosmopolitan In other words this book examines the responses to 9 11 in both Western and non Western novels in order to uncover what their dramatic renderings might tell us about the possibility of a truly globalized community The attainability of any cosmopolitan engagement is contingent upon our abilities to understand the other knowing always that otherness eludes our grasp and the best we can do is imagine some version of it It is primarily in this capacity that the novel has a role to play Whether it is the challenge of connecting with the survivors of trauma and the inhabitants of a traumatized city or with a hyperpower that has experienced its own vulnerability for the first time or even with the terrorist who seeks to commit violent acts these novels afford us the means of examining the complex dynamics involved in any exhibition of fellow feeling for the other and the ever present potential failure of that engagement An Introduction to the International Criminal Court William Schabas, 2007-10-18 The International Criminal Court ushers in a new era in the protection of human rights The Court will prosecute genocide crimes against humanity and war crimes when national justice systems are either unwilling or unable to do so themselves This third revised edition considers the initial rulings by the Pre Trial Chambers and the Appeals Chamber and the cases it is prosecuting namely Democratic Republic of Congo northern Uganda Darfur as well as those where it had decided not to proceed such as Iraq The law of the Court up to and including its ruling on a confirmation hearing committing Chalres Lubanga for trial on child soldiers offences is covered It also addresses the difficulties created by US opposition

analysing the ineffectiveness of measures taken by Washington to obstruct the Court and its increasing recognition of the inevitability of the institution The Greatest Mystery Ever Revealed: the Mystery of the Will of God Michael Lee King, 2016-11-23 Greetings in the name of our Lord and savior Jesus Christ I trust that upon reading this page you are ready to be reminded of or to learn and be taught the strong meat of the word of righteousness For he that attempts to study this work must be of an humble mind and teachable spirit This work possesses many statements and scriptures sure to cause great controversy for babes in Christ and the carnal Christian alike This work began through a prophecy from the Lord to the writer through another preacher prophet It has been through the obedience of the writer and his being taught directly by revelation of the Holy Ghost that this work has proceeded this far The writer declares to know nothing except what the Spirit of Christ has taught him and led him to place upon paper This work is intended to help remind reprove instruct correct and provide a roadmap for those who dare to approach the way called Holiness **America's Report Card** John

McNally, 2006-07-17 America's Report Card offers a brilliant vision of contemporary American life that is frightening darkly hilarious and tinged with satire John McNally tells the story of two unlucky people who forge an improbable yet possibly life saving connection in a world overshadowed by the Patriot Act and No Child Left Behind a world in which hulking government bureaucracies and vast corporations join forces to numb the populace into apathy with various standardization and surveillance programs But McNally sees hope in the daily experiences of his characters sometimes haphazardly by going about their own very particular lives people circumvent the official program and begin to actively claim lives of freedom and dignity America's Report Card is an arresting and humane portrait of life taking place in the margins outside the stunted imagination of government and media As in his critically acclaimed novel The Book of Ralph McNally dazzles with characters like Jainey O Sullivan a lonely confused purple and green haired sometime truant Jainey cares so little about high school that on her final standardized test she writes an essay heaping scorn on the test administrators even as she asks her faceless reader for help Charlie Wolf leads a fairy tale graduate student life with just enough money and clout to keep him in books vodka a threadbare apartment and a beautiful intellectual girlfriend But the bohemian dream starts to crumble when Charlie takes a job scoring standardized tests and finds himself surrounded by people who are either plodding blindly along or caught up in wild conspiracy theories When Charlie and Jainey stumble upon one another they also stumble upon their own bravery and compassion They try to protect each other from their habitual bad luck and the shadowy threats lurking at the edges of their lives and what ensues doesn't follow any prescribed course The official version of American life today may get the broad strokes and primary colors right but America's Report Card reveals how the government and the media overlook the corners and shadows where our individual realities unfold all too often in chaotic precarious and bewildering ways This wholly original wildly entertaining novel mirrors our part in the dark but frequently redemptive comedy that is life

Reports of Cases Decided in the High Court of Chancery ... Great Britain. Court of Chancery, 1847 The Psychology of

Good and Evil Ervin Staub,2003-07-21 This book gathers the knowledge gained in a lifelong study of the roots of goodness and evil Since the late 1960s Ervin Staub has studied the causes of helpful caring generous and altruistic behavior He has also studied bullying and victimization in schools as well as youth violence and its prevention He spent years studying the origins of genocide and mass killing and has examined the Holocaust the genocide of the Armenians the autogenocide in Cambodia the disappearances in Argentina the genocide in Rwanda He has applied his work in many real world settings and has consulted parents teachers police officers and political leaders Since September 11th he has appeared frequently in the media explaining the causes and prevention of terrorism Professor Staub s work is collected together for the first time in *The Psychology of Good and Evil*

Teaching Religion and Film Gregory J Watkins,2008-08-22 In a culture increasingly focused on visual media students have learned not only to embrace multimedia presentations in the classroom but to expect them Such expectations are perhaps more prevalent in a field as dynamic and cross disciplinary as religious studies but the practice nevertheless poses some difficult educational issues the use of movies in academic coursework has far outpaced the scholarship on teaching religion and film What does it mean to utilize film in religious studies and what are the best ways to do it In *Teaching Religion and Film* an interdisciplinary team of scholars thinks about the theoretical and pedagogical concerns involved with the intersection of film and religion in the classroom They examine the use of film to teach specific religious traditions religious theories and perspectives on fundamental human values Some instructors already teach some version of a film and religion course and many have integrated film as an ancillary to achieving central course goals This collection of essays helps them understand the field better and draws the sharp distinction between merely watching movies in the classroom and comprehending film in an informed and critical way

A CBO Study: Recruiting, Retention, and Future Levels of Military Personnel, October 2006 ,2006

Applied Sport Management Skills Robert N. Lussier,David C. Kimball,2013-10-21 *Applied Sport Management Skills* Second Edition With Web Study Guide uses the four management functions of planning organizing leading and controlling to teach students how to become strong leaders and managers in the world of sport This comprehensive and fully updated text provides an overview of management topics with a unique focus on developing the skills necessary for managing sport organizations The text s how to approach and unmatched learning tools help students put into practice what they will be doing as sport managers including creative problem solving strategic planning and developing the skills to lead organize and delegate By taking principles and concepts presented in the text and applying them to professional practice students will be able to assess how their interests and skills can contribute to the growing field of sport management *Applied Sport Management Skills* Second Edition has been thoroughly updated to enhance the educational experience Two new features have been added to the second edition *Social Media Exercises* expose students to the expanding role of social media in managing a sport organization and *Starting a Sport Business* features encourage students to explore the real world needs of sport entrepreneurship such as developing an organizational structure

formulating ideas on leading employees and controlling the financial aspects of their sport business These new tools complement popular features from the first edition to help students understand leadership and management in the sport industry Reviewing Their Game Plan chapter opening scenarios revisited throughout each chapter provide a cohesive thread to keep students focused on how sport managers use the concepts on the job Chapter closing case studies questions and exercises help students apply knowledge to specific situations Applying the Concept question boxes provide an opportunity for critical thinking by asking how specific concepts are relevant to a sport situation Time Out boxes demonstrate how text concepts relate to students actual experience in sports including part time full time and summer jobs Self assessment exercises offer insight into students strengths and weaknesses Behavior models provide step by step guidance on handling day to day situations that students will face in the sport setting Developing Your Skills features learning outcomes and key terms are revisited throughout the chapter to reinforce key points Instructor resources have been updated with this edition and the expanded instructor guide provides advice on using the student web study guide with the book material to better engage students The web study guide is better organized and integrated with the text to help students use the learning activities in a dynamic and interactive setting Exercises appearing in the book are correspondingly numbered in the web study guide where students may test their understanding with quizzes and other activities that further reinforce important concepts Many activities in the web study guide can be completed as graded class assignments whereas others provide immediate correct or incorrect feedback to students Applied Sport Management Skills Second Edition provides readers with a thorough understanding of the management principles and concepts used in sport organizations and the challenges that managers face This understanding is enhanced by the application of that knowledge and by the focus on developing management skills allowing students to build a solid foundation toward a fulfilling career in sport management

Statistical Bulletin Metropolitan Life Insurance Company,1925 Resources in Education ,1996 **International Politics and Inner Worlds** Kurt Jacobsen,2017-06-28 This book takes radical aim at the conventional conduct of international relations analysis It reexamines the role of ideas the usefulness of psychoanalysis the rage for and at rational choice the influence of the public on foreign policy counterinsurgency evangelism and development orthodoxies at the national and genetic levels Drawing a bead on conceptual blind spots prevalent both inside and outside the academy the book urges scholars to reflect on how inner worlds shape the actions of their subjects and their own research analyses as well

Reports of Cases Argued & Determined ... in the High Court of Judicature at Fort William in Bengal, in Its Ordinary Original Jurisdiction & on Appeal Therefrom, with Tables of the Names of the Cases Argued and the Principal Matters: 1862-1863 India. High Court (Kolkata, India). Appellate Side,Edgar Hyde,1864 The Age of Lone Wolf Terrorism Mark S. Hamm,Ramón Spaaij,2017-05-09 The lethality of lone wolf terrorism has reached an all time high in the United States Isolated individuals using firearms with high capacity magazines are committing brutally efficient killings

with the aim of terrorizing others yet there is little consensus on what connects these crimes and the motivations behind them In *The Age of Lone Wolf Terrorism* terrorism experts Mark S Hamm and Ram n Spaaij combine criminological theory with empirical and ethnographic research to map the pathways of lone wolf radicalization helping with the identification of suspected behaviors and recognizing patterns of indoctrination Reviewing comprehensive data on these actors including more than two hundred terrorist incidents Hamm and Spaaij find that a combination of personal and political grievances lead lone wolves to befriend online sympathizers whether jihadists white supremacists or other antigovernment extremists and then announce their intent to commit terror when triggered Hamm and Spaaij carefully distinguish between lone wolves and individuals radicalized within a group dynamic This important difference is what makes this book such a significant manual for professionals seeking richer insight into the transformation of alienated individuals into armed warriors Hamm and Spaaij conclude with an analysis of recent FBI sting operations designed to prevent lone wolf terrorism in the United States describing who gets targeted strategies for luring suspects and the ethics of arresting and prosecuting citizens

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